Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Monday, August 03, 2009

Ms. Judy Graham
EA Engineering Science and Technology
6712 Brooklawn Parkway, Suite 104
Syracuse, NY 13211-2158

TEL:

Project: TRACT II
RE: Analytical Result Order No.: 0907072

Dear Ms. Judy Graham:

Life Science Laboratories, Inc. received 56 sample(s) on 7/16/2009 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,
Life Science Laboratories, Inc.

Anthony Crescenzi
Project Manager

Sample Data Summary Package

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL SUMMARY

NYS DEC SAMPLE ID	LABORATORY SAMPLE ID	Type	Analytical Requirements					
			VOA GC/MS Method #	BNA GC/MS Method #	VOA GC Method #	MISC GC Method #	METALS Method #	OTHER Method #
TP-26-2	0907072-001	DUP						SM 2540 G
TP-26-2	0907072-001	MS					SW6010B SW7471A	
TP-26-2	0907072-001	MSD					SW6010B SW7471A	
TP-26-2	0907072-001	SAMP					SW6010B SW7471A	SM 2540 G
TP-26-3	0907072-002	SAMP					SW6010B SW7471A	SM 2540 G
TP-26-4	0907072-003	SAMP					SW6010B SW7471A	SM 2540 G
TP-26-5	0907072-004	SAMP					SW6010B SW7471A	SM 2540 G
TP-26-6	0907072-005	SAMP					SW6010B SW7471A	SM 2540 G
TP-27-2	0907072-006	SAMP					SW6010B SW7471A	SM 2540 G
TP-27-3	0907072-007	SAMP					SW6010B SW7471A	SM 2540 G
TP-27-4	0907072-008	SAMP					SW6010B SW7471A	SM 2540 G
TP-27-6	0907072-009	SAMP					SW6010B SW7471A	SM 2540 G
TP-28-2	0907072-010	SAMP					SW6010B SW7471A	SM 2540 G
TP-28-3	0907072-011	SAMP					SW6010B SW7471A	SM 2540 G
TP-29-2	0907072-012	SAMP					SW6010B SW7471A	SM 2540 G
TP-30-2	0907072-013	SAMP					SW6010B SW7471A	SM 2540 G
TP-30-3	0907072-014	SAMP					SW6010B SW7471A	SM 2540 G
TP-30-4	0907072-015	SAMP					SW6010B SW7471A	SM 2540 G
TP-30-5	0907072-016	SAMP					SW6010B SW7471A	SM 2540 G
TP-31-2	0907072-017	SAMP					SW6010B SW7471A	SM 2540 G
TP-31-3	0907072-018	SAMP					SW6010B SW7471A	SM 2540 G
TP-31-4	0907072-019	SAMP					SW6010B SW7471A	SM 2540 G
TP-32-2	0907072-020	SAMP					SW6010B SW7471A	SM 2540 G
TP-33-2	0907072-021	SAMP					SW6010B SW7471A	SM 2540 G
TP-33-3	0907072-022	SAMP					SW6010B SW7471A	SM 2540 G

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL SUMMARY

NYS DEC SAMPLE ID	LABORATORY SAMPLE ID	Type	Analytical Requirements					
			VOA GC/MS Method #	BNA GC/MS Method #	VOA GC Method #	MISC GC Method #	METALS Method #	OTHER Method #
TP-34-2	0907072-023	SAMP					SW6010B SW7471A	SM 2540 G
TP-34-3	0907072-024	SAMP					SW6010B SW7471A	SM 2540 G
TP-34-4	0907072-025	SAMP					SW6010B SW7471A	SM 2540 G
TP-34-5	0907072-026	SAMP					SW6010B SW7471A	SM 2540 G
TP-36-2	0907072-027	SAMP					SW6010B SW7471A	SM 2540 G
TP-36-3	0907072-028	SAMP					SW6010B SW7471A	SM 2540 G
TP-36-4	0907072-029	SAMP					SW6010B SW7471A	SM 2540 G
TP-36-5	0907072-030	SAMP					SW6010B SW7471A	SM 2540 G
TP-37-2	0907072-031	SAMP					SW6010B SW7471A	SM 2540 G
TP-37-3	0907072-032	SAMP					SW6010B SW7471A	SM 2540 G
TP-37-5	0907072-033	SAMP					SW6010B SW7471A	SM 2540 G
TP-37-6	0907072-034	SAMP					SW6010B SW7471A	SM 2540 G
TP-38-2	0907072-035	SAMP					SW6010B SW7471A	SM 2540 G
TP-38-3	0907072-036	SAMP					SW6010B SW7471A	SM 2540 G
TP-38-4	0907072-037	SAMP					SW6010B SW7471A	SM 2540 G
TP-38-5	0907072-038	SAMP					SW6010B SW7471A	SM 2540 G
TP-38-6	0907072-039	SAMP					SW6010B SW7471A	SM 2540 G
TP-39-2	0907072-040	SAMP					SW6010B SW7471A	SM 2540 G
TP-39-3	0907072-041	SAMP					SW6010B SW7471A	SM 2540 G
TP-39-4	0907072-042	SAMP					SW6010B SW7471A	SM 2540 G
TP-39-5	0907072-043	SAMP					SW6010B SW7471A	SM 2540 G
TP-39-6	0907072-044	SAMP					SW6010B SW7471A	SM 2540 G
TP-39-7	0907072-045	SAMP					SW6010B SW7471A	SM 2540 G
TP-39-8	0907072-046	SAMP					SW6010B SW7471A	SM 2540 G
TP-39-9	0907072-047	SAMP					SW6010B SW7471A	SM 2540 G

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL SUMMARY

NYS DEC SAMPLE ID	LABORATORY SAMPLE ID	Type	Analytical Requirements					
			VOA GC/MS Method #	BNA GC/MS Method #	VOA GC Method #	MISC GC Method #	METALS Method #	OTHER Method #
TP-40-2	0907072-048	SAMP					SW6010B SW7471A	SM 2540 G
TP-40-3	0907072-049	SAMP					SW6010B SW7471A	SM 2540 G
TP-40-4	0907072-050	SAMP					SW6010B SW7471A	SM 2540 G
TP-40-5	0907072-051	SAMP					SW6010B SW7471A	SM 2540 G
TP-40-6	0907072-052	SAMP					SW6010B SW7471A	SM 2540 G
TP-40-7	0907072-053	SAMP					SW6010B SW7471A	SM 2540 G
TP-40-8	0907072-054	SAMP					SW6010B SW7471A	SM 2540 G
TP-DUP	0907072-055	SAMP					SW6010B SW7471A	SM 2540 G
TP-Rinsate	0907072-056	SAMP					SW7470A SW6010B	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

LABORATORY SAMPLE ID	MATRIX	METALS REQUESTED	DATE REC'D AT LAB	DATE DIGESTED	DATE ANALYZED
0907072-001A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-001AMS	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-001AMSD	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-002A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-003A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-004A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/27/2009
0907072-005A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/27/2009
0907072-006A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-007A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-007ADL	Soil	Pb	07/16/2009	07/23/2009	07/27/2009
0907072-008A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-008ADL	Soil	Ba	07/16/2009	07/23/2009	07/27/2009
0907072-009A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-009ADL	Soil	Pb	07/16/2009	07/23/2009	07/27/2009
0907072-010A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-011A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-012A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-013A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-014A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-015A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-016A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-017A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-018A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-019A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-019ADL	Soil	Pb	07/16/2009	07/23/2009	07/27/2009
0907072-019AMS	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-019AMS	Soil	Pb	07/16/2009	07/23/2009	07/27/2009
0907072-019AMSD	Soil	Pb	07/16/2009	07/23/2009	07/27/2009
0907072-019AMSD	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-020A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-021A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-022A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-023A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-024A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-025A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-026A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-027A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-028A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-029A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-030A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-031A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-032A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-033A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-034A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-034ADL	Soil	Pb	07/16/2009	07/23/2009	07/27/2009
0907072-035A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-036A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009
0907072-037A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/23/2009	07/24/2009

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

LABORATORY SAMPLE ID	MATRIX	METALS REQUESTED	DATE REC'D AT LAB	DATE DIGESTED	DATE ANALYZED
0907072-037ADL	Soil	Pb	07/16/2009	07/23/2009	07/27/2009
0907072-038A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-038ADL	Soil	Pb	07/16/2009	07/24/2009	07/27/2009
0907072-038AMS	Soil	Pb	07/16/2009	07/24/2009	07/27/2009
0907072-038AMS	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-038AMSD	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-038AMSD	Soil	Pb	07/16/2009	07/24/2009	07/27/2009
0907072-039A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-040A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-041A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-042A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-043A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-044A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-044ADL	Soil	Pb	07/16/2009	07/24/2009	07/27/2009
0907072-045A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-045ADL	Soil	Pb	07/16/2009	07/24/2009	07/27/2009
0907072-046A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-047A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-048A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-048ADL	Soil	Se	07/16/2009	07/24/2009	07/27/2009
0907072-049A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-050A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-050ADL	Soil	Pb	07/16/2009	07/24/2009	07/27/2009
0907072-051A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-052A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-052ADL	Soil	Pb	07/16/2009	07/24/2009	07/27/2009
0907072-053A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-053ADL	Soil	Pb	07/16/2009	07/24/2009	07/27/2009
0907072-054A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009
0907072-054ADL	Soil	Pb	07/16/2009	07/24/2009	07/27/2009
0907072-055A	Soil	Ag As Ba Cd Cr Pb Se	07/16/2009	07/24/2009	07/27/2009

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

LABORATORY SAMPLE ID	MATRIX	METALS REQUESTED	DATE REC'D AT LAB	DATE DIGESTED	DATE ANALYZED
0907072-056A	Water Q	Ag As Ba Cd Cr Pb Se	07/16/2009	07/28/2009	07/28/2009

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY

INORGANIC ANALYSES

LABORATORY SAMPLE ID	MATRIX	METALS REQUESTED	DATE REC'D AT LAB	DATE DIGESTED	DATE ANALYZED
0907072-001A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-001AMS	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-001AMSD	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-002A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-003A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-004A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-005A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-006A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-007A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-007ADL	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-008A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-009A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-010A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-010ADL	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-011A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-011ADL	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-012A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-013A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-014A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-015A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-016A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-017A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-018A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-019A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-019AMS	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-019AMSD	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-020A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-020ADL	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-021A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-022A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-023A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-024A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-025A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-026A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-027A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-028A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-029A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-030A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-031A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-032A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-033A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-034A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-035A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-036A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-037A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-038A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-038AMS	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-038AMSD	Soil	Hg	07/16/2009	07/27/2009	07/28/200

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

LABORATORY SAMPLE ID	MATRIX	METALS REQUESTED	DATE REC'D AT LAB	DATE DIGESTED	DATE ANALYZED
0907072-039A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-040A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-041A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-041ADL	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-042A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-043A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-044A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-045A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-046A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-047A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-048A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-049A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-050A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-051A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-052A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-053A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-054A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009
0907072-055A	Soil	Hg	07/16/2009	07/27/2009	07/28/2009

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

LABORATORY SAMPLE ID	MATRIX	METALS REQUESTED	DATE REC'D AT LAB	DATE DIGESTED	DATE ANALYZED
0907072-056A	Water Q	Hg	07/16/2009	07/22/2009	07/22/2009

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for EA Engineering Science & Technology, Tract II project.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chain of custodies documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

Discrepancies noted upon receipt are listed on the sample receipt checklist located in the chain of custody section of the report. The temperatures of the iced coolers ranged from 2.4°C to 5.8°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
ICP Metals	6010B	1
Mercury	7471A	1
Percent Moisture	ASTM D2216	2

1) Test Methods for Evaluation Solid Wastes, SW-846 Third Edition, Final Update III, December 1996.

2) ASTM

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report Package and are also included in the raw data.

RAW DATA

The raw data is organized in the New York State Department of Environmental Conservation Analytical Services Protocol Catagory "B" order of data requirements.

Total # of pages in this report_____

Trace Metals Case Narrative

Client ID:	EA
Project/Order:	Tract II
Work Order:	0907072
Methodology:	ICP metals – SW6010B

Analyzed/Reviewed by (Date/Initials): 7·30·09 MT

Supervisor/Reviewed by (Date/Initials): 7·30·09 MT

QA/QC Review (Date/Initials): 7/30/09 YL

Trace Metals

Holding Times
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements.

Laboratory Control Sample
All spike recoveries met method and/or project specific QC criteria.

MS/MSD AND MS/MSD RPD
The following analytes did not meet matrix spike/matrix spike duplicate percent recovery and MS/MSD RPD criteria:

Sample Description	Sample #	Analyte	% REC	RPD	Corrective Action
TP-26-2	0907072-001A	Pb	X		2
TP-31-4	0907072-019A	As,Ag	X		1
		Ba	X		2
		Pb	X	X	2
TP-38-5	0907072-038A	Pb	X		2

1. A post-digestion spike was performed as required. No further corrective action was taken.

2. The concentration of the analyte in the sample was four times greater than the concentration of the spike added. A post-digestion spike was performed as required. No further corrective action was taken.

ICP Serial Dilution
The following analyte did not meet ICP serial dilution recovery criteria:

Sample Description	Sample #	Analyte	Corrective Action
TP-31-4	0907072-019A	Cr	1
TP-38-5	0907072-038A	Cr	1

1. A post digestion spike was performed as required. No further corrective action was taken.

Client ID:	EA
Project/Order:	Tract II
Work Order:	0907072
Methodology:	ICP metals – SW6010B

Calibrations
All calibrations and calibration verifications met method and/or project specific QC criteria.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Miscellaneous
Several samples were diluted and reanalyzed for elements above the linear range and /or their associated interelement correction factors (IEC) elements.

Trace Metals Case Narrative

Client ID:	EA
Project/Order:	Tract II
Work Order #:	0907072
Methodology:	Mercury – SW 7470A / SW7471A

Analyzed/Reviewed by (Date/Initials): 7-29-09 mj

Supervisor/Reviewed by (Date/Initials): 7-29-09 mj

QA/QC Review (Date/Initials): 7/30/09 SLC

Trace Metals

Holding Times
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements.

Laboratory Control Sample
All spike recoveries met method and/or project specific QC criteria.

MS/MSD AND MS/MSD RPD
The following analyte did not meet matrix spike/matrix spike duplicate percent recovery and/or MS/MSD RPD criteria:

Sample Description	Sample #	Analyte	% REC	RPD	Corrective Action
TP-26-2	0907072-001A	Hg	X	X	1

1. The recovery test met QC criteria. No further corrective action was taken.

CVAA Dilution Test
All percent differences met method and/or project specific QC criteria.

CVAA Recovery Test
All spike recoveries met method and/or project specific QC criteria.

Calibrations
All calibrations and calibration verifications met method and/or project specific QC criteria.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Life Science Laboratories, Inc.

Date: *03-Aug-09*

CLIENT: EA Engineering Science and Technology
Project: Tract II
Lab Order: 0907072

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0907072-001A	TP-26-2		7/15/2009	7/16/2009
0907072-002A	TP-26-3		7/15/2009	7/16/2009
0907072-003A	TP-26-4		7/15/2009	7/16/2009
0907072-004A	TP-26-5		7/15/2009	7/16/2009
0907072-005A	TP-26-6		7/15/2009	7/16/2009
0907072-006A	TP-27-2		7/15/2009	7/16/2009
0907072-007A	TP-27-3		7/15/2009	7/16/2009
0907072-008A	TP-27-4		7/15/2009	7/16/2009
0907072-009A	TP-27-6		7/15/2009	7/16/2009
0907072-010A	TP-28-2		7/15/2009	7/16/2009
0907072-011A	TP-28-3		7/15/2009	7/16/2009
0907072-012A	TP-29-2		7/15/2009	7/16/2009
0907072-013A	TP-30-2		7/15/2009	7/16/2009
0907072-014A	TP-30-3		7/15/2009	7/16/2009
0907072-015A	TP-30-4		7/15/2009	7/16/2009
0907072-016A	TP-30-5		7/15/2009	7/16/2009
0907072-017A	TP-31-2		7/15/2009	7/16/2009
0907072-018A	TP-31-3		7/15/2009	7/16/2009
0907072-019A	TP-31-4		7/15/2009	7/16/2009
0907072-020A	TP-32-2		7/15/2009	7/16/2009
0907072-021A	TP-33-2		7/15/2009	7/16/2009
0907072-022A	TP-33-3		7/15/2009	7/16/2009
0907072-023A	TP-34-2		7/15/2009	7/16/2009
0907072-024A	TP-34-3		7/15/2009	7/16/2009
0907072-025A	TP-34-4		7/15/2009	7/16/2009
0907072-026A	TP-34-5		7/15/2009	7/16/2009
0907072-027A	TP-36-2		7/15/2009	7/16/2009
0907072-028A	TP-36-3		7/15/2009	7/16/2009
0907072-029A	TP-36-4		7/15/2009	7/16/2009
0907072-030A	TP-36-5		7/15/2009	7/16/2009
0907072-031A	TP-37-2		7/15/2009	7/16/2009
0907072-032A	TP-37-3		7/15/2009	7/16/2009
0907072-033A	TP-37-5		7/15/2009	7/16/2009
0907072-034A	TP-37-6		7/15/2009	7/16/2009
0907072-035A	TP-38-2		7/15/2009	7/16/2009
0907072-036A	TP-38-3		7/15/2009	7/16/2009
0907072-037A	TP-38-4		7/15/2009	7/16/2009
0907072-038A	TP-38-5		7/15/2009	7/16/2009

CLIENT:	EA Engineering Science and Technology
Project:	Tract II
Lab Order:	0907072

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0907072-039A	TP-38-6		7/15/2009	7/16/2009
0907072-040A	TP-39-2		7/15/2009	7/16/2009
0907072-041A	TP-39-3		7/15/2009	7/16/2009
0907072-042A	TP-39-4		7/15/2009	7/16/2009
0907072-043A	TP-39-5		7/15/2009	7/16/2009
0907072-044A	TP-39-6		7/15/2009	7/16/2009
0907072-045A	TP-39-7		7/15/2009	7/16/2009
0907072-046A	TP-39-8		7/15/2009	7/16/2009
0907072-047A	TP-39-9		7/15/2009	7/16/2009
0907072-048A	TP-40-2		7/15/2009	7/16/2009
0907072-049A	TP-40-3		7/15/2009	7/16/2009
0907072-050A	TP-40-4		7/15/2009	7/16/2009
0907072-051A	TP-40-5		7/15/2009	7/16/2009
0907072-052A	TP-40-6		7/15/2009	7/16/2009
0907072-053A	TP-40-7		7/15/2009	7/16/2009
0907072-054A	TP-40-8		7/15/2009	7/16/2009
0907072-055A	TP-DUP		7/15/2009	7/16/2009
0907072-056A	TP-Rinsate		7/15/2009	7/16/2009

Lab Order: 0907072
Client: EA Engineering Science and Technology
Project: Tract II

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0907072-001A	TP-26-2	7/15/2009 9:00:00 AM	Soil	Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-002A	TP-26-3	7/15/2009 5:00:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-003A	TP-26-4	7/15/2009 9:10:00 AM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-004A	TP-26-5	7/15/2009 9:15:00 AM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
				Total Metals by ICP		7/23/2009	7/27/2009
0907072-005A	TP-26-6	7/15/2009 9:20:00 AM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
				Total Metals by ICP		7/23/2009	7/27/2009
0907072-006A	TP-27-2	7/15/2009 9:30:00 AM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-007A	TP-27-3	7/15/2009 9:35:00 AM		Mercury		7/27/2009	7/28/2009
				Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/27/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-008A	TP-27-4	7/15/2009 9:40:00 AM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009

Lab Order: 0907072
Client: EA Engineering Science and Technology
Project: Tract II

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0907072-008A	TP-27-4	7/15/2009 9:40:00 AM	Soil	Total Metals by ICP		7/23/2009	7/27/2009
0907072-009A	TP-27-6	7/15/2009 9:45:00 AM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
				Total Metals by ICP		7/23/2009	7/27/2009
0907072-010A	TP-28-2	7/15/2009 10:06:00 AM		Mercury		7/27/2009	7/28/2009
				Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-011A	TP-28-3	7/15/2009 10:11:00 AM		Mercury		7/27/2009	7/28/2009
				Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-012A	TP-29-2	7/15/2009 10:30:00 AM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-013A	TP-30-2	7/15/2009 10:44:00 AM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-014A	TP-30-3	7/15/2009 10:46:00 AM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-015A	TP-30-4	7/15/2009 10:49:00 AM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-016A	TP-30-5	7/15/2009 10:51:00 AM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009

Lab Order: 0907072
Client: EA Engineering Science and Technology
Project: Tract II

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0907072-017A	TP-31-2	7/15/2009 11:09:00 AM	Soil	Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-018A	TP-31-3	7/15/2009 11:12:00 AM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-019A	TP-31-4	7/15/2009 11:15:00 AM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
				Total Metals by ICP		7/23/2009	7/27/2009
0907072-020A	TP-32-2	7/15/2009 11:25:00 AM		Mercury		7/27/2009	7/28/2009
				Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-021A	TP-33-2	7/15/2009 11:45:00 AM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-022A	TP-33-3	7/15/2009 11:50:00 AM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-023A	TP-34-2	7/15/2009 12:40:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-024A	TP-34-3	7/15/2009 12:44:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-025A	TP-34-4	7/15/2009 12:46:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009

Lab Order: 0907072
Client: EA Engineering Science and Technology
Project: Tract II

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0907072-025A	TP-34-4	7/15/2009 12:46:00 PM	Soil	Total Metals by ICP		7/23/2009	7/24/2009
0907072-026A	TP-34-5	7/15/2009 12:48:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-027A	TP-36-2	7/15/2009 1:12:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-028A	TP-36-3	7/15/2009 1:15:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-029A	TP-36-4	7/15/2009 1:20:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-030A	TP-36-5	7/15/2009 1:25:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-031A	TP-37-2	7/15/2009 1:50:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-032A	TP-37-3	7/15/2009 1:52:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-033A	TP-37-5	7/15/2009 1:56:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-034A	TP-37-6	7/15/2009 1:59:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009

Lab Order: 0907072
Client: EA Engineering Science and Technology
Project: Tract II

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0907072-034A	TP-37-6	7/15/2009 1:59:00 PM	Soil	Total Metals by ICP		7/23/2009	7/27/2009
0907072-035A	TP-38-2	7/15/2009 2:10:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-036A	TP-38-3	7/15/2009 2:15:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
0907072-037A	TP-38-4	7/15/2009 2:17:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/23/2009	7/24/2009
				Total Metals by ICP		7/23/2009	7/27/2009
0907072-038A	TP-38-5	7/15/2009 2:20:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-039A	TP-38-6	7/15/2009 2:24:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-040A	TP-39-2	7/15/2009 2:34:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-041A	TP-39-3	7/15/2009 2:36:00 PM		Mercury		7/27/2009	7/28/2009
				Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-042A	TP-39-4	7/15/2009 2:39:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009

Lab Order: 0907072
Client: EA Engineering Science and Technology
Project: Tract II

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0907072-043A	TP-39-5	7/15/2009 2:44:00 PM	Soil	Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-044A	TP-39-6	7/15/2009 2:49:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-045A	TP-39-7	7/15/2009 2:55:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-046A	TP-39-8	7/15/2009 2:59:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-047A	TP-39-9	7/15/2009 3:01:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-048A	TP-40-2	7/15/2009 3:20:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-049A	TP-40-3	7/15/2009 3:24:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-050A	TP-40-4	7/15/2009 3:26:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
				Total Metals by ICP		7/24/2009	7/27/2009

Lab Order: 0907072
Client: EA Engineering Science and Technology
Project: Tract II

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0907072-051A	TP-40-5	7/15/2009 3:30:00 PM	Soil	Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-052A	TP-40-6	7/15/2009 3:32:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-053A	TP-40-7	7/15/2009 3:37:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-054A	TP-40-8	7/15/2009 3:41:00 PM		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-055A	TP-DUP	7/15/2009		Mercury		7/27/2009	7/28/2009
				Percent Moisture			7/17/2009
				Total Metals by ICP		7/24/2009	7/27/2009
0907072-056A	TP-Rinsate	7/15/2009 5:00:00 PM	Water Q	Mercury		7/22/2009	7/22/2009
				Total Metals by ICP		7/28/2009	7/28/2009

Analytical Results

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-001A**
Project:	Tract II	**Client Sample ID:**	*TP-26-2*
W Order:	0907072	**Collection Date:**	07/15/09 9:00
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 18.0	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4809
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	8.0		1.2	0.49	mg/Kg-dry	1	07/24/09 10:39
Barium	310		12	0.24	mg/Kg-dry	1	07/24/09 10:39
Cadmium	0.77	J	1.2	0.12	mg/Kg-dry	1	07/24/09 10:39
Chromium	27		1.2	0.24	mg/Kg-dry	1	07/24/09 10:39
Lead	870		1.2	0.49	mg/Kg-dry	1	07/24/09 10:39
Selenium	1.0	J	1.2	0.30	mg/Kg-dry	1	07/24/09 10:39
Silver	ND		1.2	0.24	mg/Kg-dry	1	07/24/09 10:39

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-002A**
Project:	Tract II	**Client Sample ID:**	*TP-26-3*
W Order:	0907072	**Collection Date:**	07/15/09 17:00
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 23.2	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** I-SAMP-4817
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	9.6		1.3	0.52	mg/Kg-dry	1	07/24/09 11:10
Barium	330		13	0.26	mg/Kg-dry	1	07/24/09 11:10
Cadmium	3.0		1.3	0.13	mg/Kg-dry	1	07/24/09 11:10
Chromium	19		1.3	0.26	mg/Kg-dry	1	07/24/09 11:10
Lead	2400		1.3	0.52	mg/Kg-dry	1	07/24/09 11:10
Selenium	1.7		1.3	0.33	mg/Kg-dry	1	07/24/09 11:10
Silver	ND		1.3	0.26	mg/Kg-dry	1	07/24/09 11:10

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-003A**
Project:	Tract II	**Client Sample ID:**	***TP-26-4***
W Order:	0907072	**Collection Date:**	07/15/09 9:10
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 23.7	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4818
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	28		1.3	0.52	mg/Kg-dry	1	07/24/09 11:14
Barium	300		13	0.26	mg/Kg-dry	1	07/24/09 11:14
Cadmium	0.34	J	1.3	0.13	mg/Kg-dry	1	07/24/09 11:14
Chromium	16		1.3	0.26	mg/Kg-dry	1	07/24/09 11:14
Lead	7400		1.3	0.52	mg/Kg-dry	1	07/24/09 11:14
Selenium	3.2		1.3	0.33	mg/Kg-dry	1	07/24/09 11:14
Silver	ND		1.3	0.26	mg/Kg-dry	1	07/24/09 11:14

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-004A**
Project:	Tract II	**Client Sample ID:**	***TP-26-5***
W Order:	0907072	**Collection Date:**	07/15/09 9:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 15.9	**BatchNo:** 9759/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5006
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	72		12	4.8	mg/Kg-dry	10	07/27/09 12:32
Barium	1100		120	2.4	mg/Kg-dry	10	07/27/09 12:32
Cadmium	6.0	J	12	1.2	mg/Kg-dry	10	07/27/09 12:32
Chromium	200		12	2.4	mg/Kg-dry	10	07/27/09 12:32
Lead	110000		12	4.8	mg/Kg-dry	10	07/27/09 12:32
Selenium	ND		12	3.0	mg/Kg-dry	10	07/27/09 12:32
Silver	9.5	J	12	2.4	mg/Kg-dry	10	07/27/09 12:32

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-005A**
Project:	Tract II	**Client Sample ID:**	*TP-26-6*
W Order:	0907072	**Collection Date:**	07/15/09 9:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 25.5	**BatchNo:** 9759/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5007
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	190		13	5.4	mg/Kg-dry	10	07/27/09 12:36
Barium	1300		130	2.7	mg/Kg-dry	10	07/27/09 12:36
Cadmium	25		13	1.3	mg/Kg-dry	10	07/27/09 12:36
Chromium	97		13	2.7	mg/Kg-dry	10	07/27/09 12:36
Lead	140000		13	5.4	mg/Kg-dry	10	07/27/09 12:36
Selenium	16		13	3.4	mg/Kg-dry	10	07/27/09 12:36
Silver	19		13	2.7	mg/Kg-dry	10	07/27/09 12:36

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-006A**
Project:	Tract II	**Client Sample ID:**	*TP-27-2*
W Order:	0907072	**Collection Date:**	07/15/09 9:30
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 9.4	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4821
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	9.2		1.1	0.44	mg/Kg-dry	1	07/24/09 11:25
Barium	220		11	0.22	mg/Kg-dry	1	07/24/09 11:25
Cadmium	1.8		1.1	0.11	mg/Kg-dry	1	07/24/09 11:25
Chromium	110		1.1	0.22	mg/Kg-dry	1	07/24/09 11:25
Lead	2800		1.1	0.44	mg/Kg-dry	1	07/24/09 11:25
Selenium	0.78	J	1.1	0.28	mg/Kg-dry	1	07/24/09 11:25
Silver	7.0		1.1	0.22	mg/Kg-dry	1	07/24/09 11:25

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-007A**
Project:	Tract II	**Client Sample ID:**	*TP-27-3*
W Order:	0907072	**Collection Date:**	07/15/09 9:35
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 19.5	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4822
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	170		1.2	0.50	mg/Kg-dry	1	07/24/09 11:29
Barium	730		12	0.25	mg/Kg-dry	1	07/24/09 11:29
Cadmium	2.1		1.2	0.12	mg/Kg-dry	1	07/24/09 11:29
Chromium	99		1.2	0.25	mg/Kg-dry	1	07/24/09 11:29
Lead	43000	E	1.2	0.50	mg/Kg-dry	1	07/24/09 11:29
Selenium	2.2		1.2	0.31	mg/Kg-dry	1	07/24/09 11:29
Silver	2.3		1.2	0.25	mg/Kg-dry	1	07/24/09 11:29

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-007ADL**
Project:	Tract II	**Client Sample ID:**	***TP-27-3***
W Order:	0907072	**Collection Date:**	07/15/09 9:35
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 19.5	**BatchNo:** 9759/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5008
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	46000		6.2	2.5	mg/Kg-dry	5	07/27/09 12:40

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-008A**
Project:	Tract II	**Client Sample ID:**	***TP-27-4***
W Order:	0907072	**Collection Date:**	07/15/09 9:40
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 18.1	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4823
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	22		1.2	0.49	mg/Kg-dry	1	07/24/09 11:33
Barium	1500	E	12	0.24	mg/Kg-dry	1	07/24/09 11:33
Cadmium	1.9		1.2	0.12	mg/Kg-dry	1	07/24/09 11:33
Chromium	30		1.2	0.24	mg/Kg-dry	1	07/24/09 11:33
Lead	12000		1.2	0.49	mg/Kg-dry	1	07/24/09 11:33
Selenium	2.0		1.2	0.31	mg/Kg-dry	1	07/24/09 11:33
Silver	0.41	J	1.2	0.24	mg/Kg-dry	1	07/24/09 11:33

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-008ADL**
Project:	Tract II	**Client Sample ID:**	***TP-27-4***
W Order:	0907072	**Collection Date:**	07/15/09 9:40
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 18.1	**BatchNo:** 9759/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5012
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Barium	1700		61	1.2	mg/Kg-dry	5	07/27/09 12:55

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-009A**
Project:	Tract II	**Client Sample ID:**	***TP-27-6***
W Order:	0907072	**Collection Date:**	07/15/09 9:45
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 29.8	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4824
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	130		1.4	0.57	mg/Kg-dry	1	07/24/09 11:36
Barium	220		14	0.28	mg/Kg-dry	1	07/24/09 11:36
Cadmium	5.2		1.4	0.14	mg/Kg-dry	1	07/24/09 11:36
Chromium	22		1.4	0.28	mg/Kg-dry	1	07/24/09 11:36
Lead	100000	E	1.4	0.57	mg/Kg-dry	1	07/24/09 11:36
Selenium	1.0	J	1.4	0.36	mg/Kg-dry	1	07/24/09 11:36
Silver	3.0		1.4	0.28	mg/Kg-dry	1	07/24/09 11:36

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-009ADL**
Project:	Tract II	**Client Sample ID:**	*TP-27-6*
W Order:	0907072	**Collection Date:**	07/15/09 9:45
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 29.8	**BatchNo:** 9759/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5013
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	110000		7.1	2.8	mg/Kg-dry	5	07/27/09 12:59

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-010A**
Project:	Tract II	**Client Sample ID:**	*TP-28-2*
W Order:	0907072	**Collection Date:**	07/15/09 10:06
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 21.4	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4828
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	37		1.3	0.51	mg/Kg-dry	1	07/24/09 11:51
Barium	310		13	0.25	mg/Kg-dry	1	07/24/09 11:51
Cadmium	1.8		1.3	0.13	mg/Kg-dry	1	07/24/09 11:51
Chromium	54		1.3	0.25	mg/Kg-dry	1	07/24/09 11:51
Lead	870		1.3	0.51	mg/Kg-dry	1	07/24/09 11:51
Selenium	1.5		1.3	0.32	mg/Kg-dry	1	07/24/09 11:51
Silver	0.95	J	1.3	0.25	mg/Kg-dry	1	07/24/09 11:51

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-011A**
Project:	Tract II	**Client Sample ID:**	***TP-28-3***
W Order:	0907072	**Collection Date:**	07/15/09 10:11
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 20.3	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4829
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	79		1.3	0.50	mg/Kg-dry	1	07/24/09 11:55
Barium	500		13	0.25	mg/Kg-dry	1	07/24/09 11:55
Cadmium	1.7		1.3	0.13	mg/Kg-dry	1	07/24/09 11:55
Chromium	64		1.3	0.25	mg/Kg-dry	1	07/24/09 11:55
Lead	1200		1.3	0.50	mg/Kg-dry	1	07/24/09 11:55
Selenium	1.8		1.3	0.31	mg/Kg-dry	1	07/24/09 11:55
Silver	1.8		1.3	0.25	mg/Kg-dry	1	07/24/09 11:55

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-012A**
Project:	Tract II	**Client Sample ID:**	*TP-29-2*
W Order:	0907072	**Collection Date:**	07/15/09 10:30
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 21.1	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4830
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	27		1.3	0.51	mg/Kg-dry	1	07/24/09 11:59
Barium	690		13	0.25	mg/Kg-dry	1	07/24/09 11:59
Cadmium	1.6		1.3	0.13	mg/Kg-dry	1	07/24/09 11:59
Chromium	70		1.3	0.25	mg/Kg-dry	1	07/24/09 11:59
Lead	2000		1.3	0.51	mg/Kg-dry	1	07/24/09 11:59
Selenium	9.2		1.3	0.32	mg/Kg-dry	1	07/24/09 11:59
Silver	0.32	J	1.3	0.25	mg/Kg-dry	1	07/24/09 11:59

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-013A**
Project:	Tract II	**Client Sample ID:**	***TP-30-2***
W Order:	0907072	**Collection Date:**	07/15/09 10:44
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 17.4	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4831
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	16		1.2	0.48	mg/Kg-dry	1	07/24/09 12:02
Barium	220		12	0.24	mg/Kg-dry	1	07/24/09 12:02
Cadmium	0.62	J	1.2	0.12	mg/Kg-dry	1	07/24/09 12:02
Chromium	22		1.2	0.24	mg/Kg-dry	1	07/24/09 12:02
Lead	6100		1.2	0.48	mg/Kg-dry	1	07/24/09 12:02
Selenium	3.0		1.2	0.30	mg/Kg-dry	1	07/24/09 12:02
Silver	0.27	J	1.2	0.24	mg/Kg-dry	1	07/24/09 12:02

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-014A**
Project:	Tract II	**Client Sample ID:**	***TP-30-3***
W Order:	0907072	**Collection Date:**	07/15/09 10:46
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 30.8	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4832
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	9.2		1.4	0.58	mg/Kg-dry	1	07/24/09 12:06
Barium	57		14	0.29	mg/Kg-dry	1	07/24/09 12:06
Cadmium	0.24	J	1.4	0.14	mg/Kg-dry	1	07/24/09 12:06
Chromium	12		1.4	0.29	mg/Kg-dry	1	07/24/09 12:06
Lead	1800		1.4	0.58	mg/Kg-dry	1	07/24/09 12:06
Selenium	1.6		1.4	0.36	mg/Kg-dry	1	07/24/09 12:06
Silver	ND		1.4	0.29	mg/Kg-dry	1	07/24/09 12:06

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-015A**
Project:	Tract II	**Client Sample ID:**	***TP-30-4***
W Order:	0907072	**Collection Date:**	07/15/09 10:49
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 14.7	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4833
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	17		1.2	0.47	mg/Kg-dry	1	07/24/09 12:10
Barium	140		12	0.23	mg/Kg-dry	1	07/24/09 12:10
Cadmium	1.2		1.2	0.12	mg/Kg-dry	1	07/24/09 12:10
Chromium	13		1.2	0.23	mg/Kg-dry	1	07/24/09 12:10
Lead	9000		1.2	0.47	mg/Kg-dry	1	07/24/09 12:10
Selenium	1.1	J	1.2	0.29	mg/Kg-dry	1	07/24/09 12:10
Silver	1.2	J	1.2	0.23	mg/Kg-dry	1	07/24/09 12:10

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-016A**
Project:	Tract II	**Client Sample ID:**	***TP-30-5***
W Order:	0907072	**Collection Date:**	07/15/09 10:51
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 26.2	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4834
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	12		1.4	0.54	mg/Kg-dry	1	07/24/09 12:14
Barium	860		14	0.27	mg/Kg-dry	1	07/24/09 12:14
Cadmium	1.5		1.4	0.14	mg/Kg-dry	1	07/24/09 12:14
Chromium	17		1.4	0.27	mg/Kg-dry	1	07/24/09 12:14
Lead	5600		1.4	0.54	mg/Kg-dry	1	07/24/09 12:14
Selenium	1.8		1.4	0.34	mg/Kg-dry	1	07/24/09 12:14
Silver	0.36	J	1.4	0.27	mg/Kg-dry	1	07/24/09 12:14

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-017A**
Project:	Tract II	**Client Sample ID:**	*TP-31-2*
W Order:	0907072	**Collection Date:**	07/15/09 11:09
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 15.3	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4835
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	14		1.2	0.47	mg/Kg-dry	1	07/24/09 12:17
Barium	300		12	0.24	mg/Kg-dry	1	07/24/09 12:17
Cadmium	1.9		1.2	0.12	mg/Kg-dry	1	07/24/09 12:17
Chromium	25		1.2	0.24	mg/Kg-dry	1	07/24/09 12:17
Lead	4300		1.2	0.47	mg/Kg-dry	1	07/24/09 12:17
Selenium	0.62	J	1.2	0.30	mg/Kg-dry	1	07/24/09 12:17
Silver	0.42	J	1.2	0.24	mg/Kg-dry	1	07/24/09 12:17

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-018A**
Project:	Tract II	**Client Sample ID:**	***TP-31-3***
W Order:	0907072	**Collection Date:**	07/15/09 11:12
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 15.3	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4836
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	14		1.2	0.47	mg/Kg-dry	1	07/24/09 12:21
Barium	83		12	0.24	mg/Kg-dry	1	07/24/09 12:21
Cadmium	0.20	J	1.2	0.12	mg/Kg-dry	1	07/24/09 12:21
Chromium	9.4		1.2	0.24	mg/Kg-dry	1	07/24/09 12:21
Lead	190		1.2	0.47	mg/Kg-dry	1	07/24/09 12:21
Selenium	1.2		1.2	0.30	mg/Kg-dry	1	07/24/09 12:21
Silver	ND		1.2	0.24	mg/Kg-dry	1	07/24/09 12:21

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-019A**
Project:	Tract II	**Client Sample ID:**	***TP-31-4***
W Order:	0907072	**Collection Date:**	07/15/09 11:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 19.6	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4842
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	98		1.2	0.50	mg/Kg-dry	1	07/24/09 12:55
Barium	210		12	0.25	mg/Kg-dry	1	07/24/09 12:55
Cadmium	2.0		1.2	0.12	mg/Kg-dry	1	07/24/09 12:55
Chromium	16		1.2	0.25	mg/Kg-dry	1	07/24/09 12:55
Lead	98000	E	1.2	0.50	mg/Kg-dry	1	07/24/09 12:55
Selenium	1.8		1.2	0.31	mg/Kg-dry	1	07/24/09 12:55
Silver	11		1.2	0.25	mg/Kg-dry	1	07/24/09 12:55

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-019ADL**
Project:	Tract II	**Client Sample ID:**	***TP-31-4***
W Order:	0907072	**Collection Date:**	07/15/09 11:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 19.6	**BatchNo:** 9760/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5014
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	99000		6.2	2.5	mg/Kg-dry	5	07/27/09 13:03

Qualifiers:	* Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-020A**
Project:	Tract II	**Client Sample ID:**	***TP-32-2***
W Order:	0907072	**Collection Date:**	07/15/09 11:25
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 14.2	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4845
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	11		1.2	0.47	mg/Kg-dry	1	07/24/09 13:06
Barium	230		12	0.23	mg/Kg-dry	1	07/24/09 13:06
Cadmium	0.81	J	1.2	0.12	mg/Kg-dry	1	07/24/09 13:06
Chromium	24		1.2	0.23	mg/Kg-dry	1	07/24/09 13:06
Lead	580		1.2	0.47	mg/Kg-dry	1	07/24/09 13:06
Selenium	0.79	J	1.2	0.29	mg/Kg-dry	1	07/24/09 13:06
Silver	ND		1.2	0.23	mg/Kg-dry	1	07/24/09 13:06

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-021A**
Project:	Tract II	**Client Sample ID:**	*TP-33-2*
W Order:	0907072	**Collection Date:**	07/15/09 11:45
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 26.3	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4846
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	37		1.4	0.54	mg/Kg-dry	1	07/24/09 13:10
Barium	590		14	0.27	mg/Kg-dry	1	07/24/09 13:10
Cadmium	4.7		1.4	0.14	mg/Kg-dry	1	07/24/09 13:10
Chromium	46		1.4	0.27	mg/Kg-dry	1	07/24/09 13:10
Lead	24000		1.4	0.54	mg/Kg-dry	1	07/24/09 13:10
Selenium	1.7		1.4	0.34	mg/Kg-dry	1	07/24/09 13:10
Silver	1.2	J	1.4	0.27	mg/Kg-dry	1	07/24/09 13:10

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-022A**
Project:	Tract II	**Client Sample ID:**	*TP-33-3*
W Order:	0907072	**Collection Date:**	07/15/09 11:50
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 20.5	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4847
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	8.8		1.3	0.50	mg/Kg-dry	1	07/24/09 13:14
Barium	170		13	0.25	mg/Kg-dry	1	07/24/09 13:14
Cadmium	0.75	J	1.3	0.13	mg/Kg-dry	1	07/24/09 13:14
Chromium	12		1.3	0.25	mg/Kg-dry	1	07/24/09 13:14
Lead	5200		1.3	0.50	mg/Kg-dry	1	07/24/09 13:14
Selenium	0.82	J	1.3	0.31	mg/Kg-dry	1	07/24/09 13:14
Silver	0.26	J	1.3	0.25	mg/Kg-dry	1	07/24/09 13:14

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-023A**
Project:	Tract II	**Client Sample ID:**	*TP-34-2*
W Order:	0907072	**Collection Date:**	07/15/09 12:40
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 13.3	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4848
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	13		1.2	0.46	mg/Kg-dry	1	07/24/09 13:18
Barium	200		12	0.23	mg/Kg-dry	1	07/24/09 13:18
Cadmium	0.52	J	1.2	0.12	mg/Kg-dry	1	07/24/09 13:18
Chromium	17		1.2	0.23	mg/Kg-dry	1	07/24/09 13:18
Lead	9400		1.2	0.46	mg/Kg-dry	1	07/24/09 13:18
Selenium	1.1	J	1.2	0.29	mg/Kg-dry	1	07/24/09 13:18
Silver	0.89	J	1.2	0.23	mg/Kg-dry	1	07/24/09 13:18

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-024A**
Project:	Tract II	**Client Sample ID:**	*TP-34-3*
W Order:	0907072	**Collection Date:**	07/15/09 12:44
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 15.1	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4849
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	13		1.2	0.47	mg/Kg-dry	1	07/24/09 13:22
Barium	110		12	0.24	mg/Kg-dry	1	07/24/09 13:22
Cadmium	0.32	J	1.2	0.12	mg/Kg-dry	1	07/24/09 13:22
Chromium	6.9		1.2	0.24	mg/Kg-dry	1	07/24/09 13:22
Lead	1900		1.2	0.47	mg/Kg-dry	1	07/24/09 13:22
Selenium	1.4		1.2	0.29	mg/Kg-dry	1	07/24/09 13:22
Silver	ND		1.2	0.24	mg/Kg-dry	1	07/24/09 13:22

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-025A**
Project:	Tract II	**Client Sample ID:**	***TP-34-4***
W Order:	0907072	**Collection Date:**	07/15/09 12:46
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 13.9	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4850
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	6.9		1.2	0.46	mg/Kg-dry	1	07/24/09 13:26
Barium	56		12	0.23	mg/Kg-dry	1	07/24/09 13:26
Cadmium	0.17	J	1.2	0.12	mg/Kg-dry	1	07/24/09 13:26
Chromium	8.5		1.2	0.23	mg/Kg-dry	1	07/24/09 13:26
Lead	1300		1.2	0.46	mg/Kg-dry	1	07/24/09 13:26
Selenium	1.9		1.2	0.29	mg/Kg-dry	1	07/24/09 13:26
Silver	ND		1.2	0.23	mg/Kg-dry	1	07/24/09 13:26

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-026A**
Project:	Tract II	**Client Sample ID:**	***TP-34-5***
W Order:	0907072	**Collection Date:**	07/15/09 12:48
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 26.6	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4856
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	7.6		1.4	0.54	mg/Kg-dry	1	07/24/09 14:23
Barium	81		14	0.27	mg/Kg-dry	1	07/24/09 14:23
Cadmium	0.47	J	1.4	0.14	mg/Kg-dry	1	07/24/09 14:23
Chromium	9.9		1.4	0.27	mg/Kg-dry	1	07/24/09 14:23
Lead	2300		1.4	0.54	mg/Kg-dry	1	07/24/09 14:23
Selenium	1.9		1.4	0.34	mg/Kg-dry	1	07/24/09 14:23
Silver	ND		1.4	0.27	mg/Kg-dry	1	07/24/09 14:23

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-027A**
Project:	Tract II	**Client Sample ID:**	*TP-36-2*
W Order:	0907072	**Collection Date:**	07/15/09 13:12
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 10.4	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4857
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	25		1.1	0.45	mg/Kg-dry	1	07/24/09 14:27
Barium	130		11	0.22	mg/Kg-dry	1	07/24/09 14:27
Cadmium	0.51	J	1.1	0.11	mg/Kg-dry	1	07/24/09 14:27
Chromium	14		1.1	0.22	mg/Kg-dry	1	07/24/09 14:27
Lead	1500		1.1	0.45	mg/Kg-dry	1	07/24/09 14:27
Selenium	1.3		1.1	0.28	mg/Kg-dry	1	07/24/09 14:27
Silver	ND		1.1	0.22	mg/Kg-dry	1	07/24/09 14:27

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-028A**
Project:	Tract II	**Client Sample ID:**	***TP-36-3***
W Order:	0907072	**Collection Date:**	07/15/09 13:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 17.3	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4858
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	38		1.2	0.48	mg/Kg-dry	1	07/24/09 14:31
Barium	100		12	0.24	mg/Kg-dry	1	07/24/09 14:31
Cadmium	0.44	J	1.2	0.12	mg/Kg-dry	1	07/24/09 14:31
Chromium	16		1.2	0.24	mg/Kg-dry	1	07/24/09 14:31
Lead	5100		1.2	0.48	mg/Kg-dry	1	07/24/09 14:31
Selenium	1.3		1.2	0.30	mg/Kg-dry	1	07/24/09 14:31
Silver	0.51	J	1.2	0.24	mg/Kg-dry	1	07/24/09 14:31

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-029A**
Project:	Tract II	**Client Sample ID:**	***TP-36-4***
W Order:	0907072	**Collection Date:**	07/15/09 13:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 13.8	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4859
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	42		1.2	0.46	mg/Kg-dry	1	07/24/09 14:35
Barium	99		12	0.23	mg/Kg-dry	1	07/24/09 14:35
Cadmium	0.36	J	1.2	0.12	mg/Kg-dry	1	07/24/09 14:35
Chromium	12		1.2	0.23	mg/Kg-dry	1	07/24/09 14:35
Lead	2700		1.2	0.46	mg/Kg-dry	1	07/24/09 14:35
Selenium	1.1	J	1.2	0.29	mg/Kg-dry	1	07/24/09 14:35
Silver	ND		1.2	0.23	mg/Kg-dry	1	07/24/09 14:35

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-030A**
Project:	Tract II	**Client Sample ID:**	*TP-36-5*
W Order:	0907072	**Collection Date:**	07/15/09 13:25
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 30.3	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4860
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	7.3		1.4	0.57	mg/Kg-dry	1	07/24/09 14:38
Barium	130		14	0.29	mg/Kg-dry	1	07/24/09 14:38
Cadmium	0.58	J	1.4	0.14	mg/Kg-dry	1	07/24/09 14:38
Chromium	18		1.4	0.29	mg/Kg-dry	1	07/24/09 14:38
Lead	540		1.4	0.57	mg/Kg-dry	1	07/24/09 14:38
Selenium	1.4	J	1.4	0.36	mg/Kg-dry	1	07/24/09 14:38
Silver	ND		1.4	0.29	mg/Kg-dry	1	07/24/09 14:38

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-031A**
Project:	Tract II	**Client Sample ID:**	***TP-37-2***
W Order:	0907072	**Collection Date:**	07/15/09 13:50
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 19.1	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4861
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	18		1.2	0.49	mg/Kg-dry	1	07/24/09 14:42
Barium	150		12	0.25	mg/Kg-dry	1	07/24/09 14:42
Cadmium	0.90	J	1.2	0.12	mg/Kg-dry	1	07/24/09 14:42
Chromium	51		1.2	0.25	mg/Kg-dry	1	07/24/09 14:42
Lead	2400		1.2	0.49	mg/Kg-dry	1	07/24/09 14:42
Selenium	1.8		1.2	0.31	mg/Kg-dry	1	07/24/09 14:42
Silver	0.43	J	1.2	0.25	mg/Kg-dry	1	07/24/09 14:42

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-032A**
Project:	Tract II	**Client Sample ID:**	*TP-37-3*
W Order:	0907072	**Collection Date:**	07/15/09 13:52
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 15.3	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4862
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	9.3		1.2	0.47	mg/Kg-dry	1	07/24/09 14:51
Barium	95		12	0.24	mg/Kg-dry	1	07/24/09 14:51
Cadmium	0.49	J	1.2	0.12	mg/Kg-dry	1	07/24/09 14:51
Chromium	30		1.2	0.24	mg/Kg-dry	1	07/24/09 14:51
Lead	10000		1.2	0.47	mg/Kg-dry	1	07/24/09 14:51
Selenium	1.0	J	1.2	0.30	mg/Kg-dry	1	07/24/09 14:51
Silver	0.80	J	1.2	0.24	mg/Kg-dry	1	07/24/09 14:51

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-033A**
Project:	Tract II	**Client Sample ID:**	***TP-37-5***
W Order:	0907072	**Collection Date:**	07/15/09 13:56
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 12.5	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4863
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	10		1.1	0.46	mg/Kg-dry	1	07/24/09 14:55
Barium	52		11	0.23	mg/Kg-dry	1	07/24/09 14:55
Cadmium	0.14	J	1.1	0.11	mg/Kg-dry	1	07/24/09 14:55
Chromium	15		1.1	0.23	mg/Kg-dry	1	07/24/09 14:55
Lead	2800		1.1	0.46	mg/Kg-dry	1	07/24/09 14:55
Selenium	1.2		1.1	0.29	mg/Kg-dry	1	07/24/09 14:55
Silver	ND		1.1	0.23	mg/Kg-dry	1	07/24/09 14:55

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 14:34 462453 **Project Supervisor:** Anthony Crescenzi

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-034A**
Project:	Tract II	**Client Sample ID:**	***TP-37-6***
W Order:	0907072	**Collection Date:**	07/15/09 13:59
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 29.5	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4867
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	6.9		1.4	0.57	mg/Kg-dry	1	07/24/09 15:10
Barium	78		14	0.28	mg/Kg-dry	1	07/24/09 15:10
Cadmium	0.61	J	1.4	0.14	mg/Kg-dry	1	07/24/09 15:10
Chromium	6.9		1.4	0.28	mg/Kg-dry	1	07/24/09 15:10
Lead	36000	E	1.4	0.57	mg/Kg-dry	1	07/24/09 15:10
Selenium	1.2	J	1.4	0.35	mg/Kg-dry	1	07/24/09 15:10
Silver	0.71	J	1.4	0.28	mg/Kg-dry	1	07/24/09 15:10

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-034ADL**
Project:	Tract II	**Client Sample ID:**	***TP-37-6***
W Order:	0907072	**Collection Date:**	07/15/09 13:59
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 29.5	**BatchNo:** 9760/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5019
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	37000		14	5.7	mg/Kg-dry	10	07/27/09 13:23

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-035A**
Project:	Tract II	**Client Sample ID:**	***TP-38-2***
W Order:	0907072	**Collection Date:**	07/15/09 14:10
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 21.8	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4868
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	11		1.3	0.51	mg/Kg-dry	1	07/24/09 15:14
Barium	630		13	0.26	mg/Kg-dry	1	07/24/09 15:14
Cadmium	2.5		1.3	0.13	mg/Kg-dry	1	07/24/09 15:14
Chromium	31		1.3	0.26	mg/Kg-dry	1	07/24/09 15:14
Lead	7500		1.3	0.51	mg/Kg-dry	1	07/24/09 15:14
Selenium	1.5		1.3	0.32	mg/Kg-dry	1	07/24/09 15:14
Silver	0.51	J	1.3	0.26	mg/Kg-dry	1	07/24/09 15:14

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-036A**
Project:	Tract II	**Client Sample ID:**	*TP-38-3*
W Order:	0907072	**Collection Date:**	07/15/09 14:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 10.6	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4869
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	17		1.1	0.45	mg/Kg-dry	1	07/24/09 15:18
Barium	300		11	0.22	mg/Kg-dry	1	07/24/09 15:18
Cadmium	1.5		1.1	0.11	mg/Kg-dry	1	07/24/09 15:18
Chromium	20		1.1	0.22	mg/Kg-dry	1	07/24/09 15:18
Lead	11000		1.1	0.45	mg/Kg-dry	1	07/24/09 15:18
Selenium	0.98	J	1.1	0.28	mg/Kg-dry	1	07/24/09 15:18
Silver	1.5		1.1	0.22	mg/Kg-dry	1	07/24/09 15:18

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-037A**
Project:	Tract II	**Client Sample ID:**	***TP-38-4***
W Order:	0907072	**Collection Date:**	07/15/09 14:17
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 14.7	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4870
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	23		1.2	0.47	mg/Kg-dry	1	07/24/09 15:22
Barium	430		12	0.23	mg/Kg-dry	1	07/24/09 15:22
Cadmium	6.3		1.2	0.12	mg/Kg-dry	1	07/24/09 15:22
Chromium	17		1.2	0.23	mg/Kg-dry	1	07/24/09 15:22
Lead	87000	E	1.2	0.47	mg/Kg-dry	1	07/24/09 15:22
Selenium	1.8		1.2	0.29	mg/Kg-dry	1	07/24/09 15:22
Silver	8.2		1.2	0.23	mg/Kg-dry	1	07/24/09 15:22

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-037ADL**
Project:	Tract II	**Client Sample ID:**	***TP-38-4***
W Order:	0907072	**Collection Date:**	07/15/09 14:17
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 14.7	**BatchNo:** 9760/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5020
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	92000		59	23	mg/Kg-dry	50	07/27/09 13:27

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-038A**
Project:	Tract II	**Client Sample ID:**	***TP-38-5***
W Order:	0907072	**Collection Date:**	07/15/09 14:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 32.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4978
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	28		1.5	0.59	mg/Kg-dry	1	07/27/09 10:37
Barium	230		15	0.30	mg/Kg-dry	1	07/27/09 10:37
Cadmium	4.1		1.5	0.15	mg/Kg-dry	1	07/27/09 10:37
Chromium	23		1.5	0.30	mg/Kg-dry	1	07/27/09 10:37
Lead	37000	E	1.5	0.59	mg/Kg-dry	1	07/27/09 10:37
Selenium	2.7		1.5	0.37	mg/Kg-dry	1	07/27/09 10:37
Silver	1.4	J	1.5	0.30	mg/Kg-dry	1	07/27/09 10:37

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 14:34 462702 **Project Supervisor:** Anthony Crescenzi

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-038ADL**
Project:	Tract II	**Client Sample ID:**	*TP-38-5*
W Order:	0907072	**Collection Date:**	07/15/09 14:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 32.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5024
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	37000		7.4	3.0	mg/Kg-dry	5	07/27/09 14:29

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-039A**
Project:	Tract II	**Client Sample ID:**	***TP-38-6***
W Order:	0907072	**Collection Date:**	07/15/09 14:24
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 17.7	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4986
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	16		1.2	0.49	mg/Kg-dry	1	07/27/09 11:08
Barium	240		12	0.24	mg/Kg-dry	1	07/27/09 11:08
Cadmium	1.7		1.2	0.12	mg/Kg-dry	1	07/27/09 11:08
Chromium	18		1.2	0.24	mg/Kg-dry	1	07/27/09 11:08
Lead	13000		1.2	0.49	mg/Kg-dry	1	07/27/09 11:08
Selenium	1.2	J	1.2	0.30	mg/Kg-dry	1	07/27/09 11:08
Silver	0.92	J	1.2	0.24	mg/Kg-dry	1	07/27/09 11:08

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 14:34 462710 **Project Supervisor:** Anthony Crescenzi

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-040A**
Project:	Tract II	**Client Sample ID:**	***TP-39-2***
W Order:	0907072	**Collection Date:**	07/15/09 14:34
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 13.8	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4987
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	12		1.2	0.46	mg/Kg-dry	1	07/27/09 11:12
Barium	140		12	0.23	mg/Kg-dry	1	07/27/09 11:12
Cadmium	0.52	J	1.2	0.12	mg/Kg-dry	1	07/27/09 11:12
Chromium	26		1.2	0.23	mg/Kg-dry	1	07/27/09 11:12
Lead	3700		1.2	0.46	mg/Kg-dry	1	07/27/09 11:12
Selenium	0.60	J	1.2	0.29	mg/Kg-dry	1	07/27/09 11:12
Silver	0.41	J	1.2	0.23	mg/Kg-dry	1	07/27/09 11:12

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-041A**
Project:	Tract II	**Client Sample ID:**	***TP-39-3***
W Order:	0907072	**Collection Date:**	07/15/09 14:36
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 14.9	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4988
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	21		1.2	0.47	mg/Kg-dry	1	07/27/09 11:16
Barium	750		12	0.24	mg/Kg-dry	1	07/27/09 11:16
Cadmium	1.9		1.2	0.12	mg/Kg-dry	1	07/27/09 11:16
Chromium	33		1.2	0.24	mg/Kg-dry	1	07/27/09 11:16
Lead	4200		1.2	0.47	mg/Kg-dry	1	07/27/09 11:16
Selenium	0.99	J	1.2	0.29	mg/Kg-dry	1	07/27/09 11:16
Silver	0.60	J	1.2	0.24	mg/Kg-dry	1	07/27/09 11:16

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-042A**
Project:	Tract II	**Client Sample ID:**	***TP-39-4***
W Order:	0907072	**Collection Date:**	07/15/09 14:39
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 14.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4989
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	11		1.2	0.47	mg/Kg-dry	1	07/27/09 11:20
Barium	780		12	0.23	mg/Kg-dry	1	07/27/09 11:20
Cadmium	2.0		1.2	0.12	mg/Kg-dry	1	07/27/09 11:20
Chromium	20		1.2	0.23	mg/Kg-dry	1	07/27/09 11:20
Lead	530		1.2	0.47	mg/Kg-dry	1	07/27/09 11:20
Selenium	0.44	J	1.2	0.29	mg/Kg-dry	1	07/27/09 11:20
Silver	0.27	J	1.2	0.23	mg/Kg-dry	1	07/27/09 11:20

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-043A**
Project:	Tract II	**Client Sample ID:**	***TP-39-5***
W Order:	0907072	**Collection Date:**	07/15/09 14:44
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 22.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4990
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	4.5		1.3	0.52	mg/Kg-dry	1	07/27/09 11:24
Barium	580		13	0.26	mg/Kg-dry	1	07/27/09 11:24
Cadmium	1.1	J	1.3	0.13	mg/Kg-dry	1	07/27/09 11:24
Chromium	22		1.3	0.26	mg/Kg-dry	1	07/27/09 11:24
Lead	240		1.3	0.52	mg/Kg-dry	1	07/27/09 11:24
Selenium	ND		1.3	0.32	mg/Kg-dry	1	07/27/09 11:24
Silver	ND		1.3	0.26	mg/Kg-dry	1	07/27/09 11:24

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-044A**
Project:	Tract II	**Client Sample ID:**	*TP-39-6*
W Order:	0907072	**Collection Date:**	07/15/09 14:49
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 14.3	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4991
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	20		1.2	0.47	mg/Kg-dry	1	07/27/09 11:34
Barium	410		12	0.23	mg/Kg-dry	1	07/27/09 11:34
Cadmium	1.4		1.2	0.12	mg/Kg-dry	1	07/27/09 11:34
Chromium	17		1.2	0.23	mg/Kg-dry	1	07/27/09 11:34
Lead	27000	E	1.2	0.47	mg/Kg-dry	1	07/27/09 11:34
Selenium	1.0	J	1.2	0.29	mg/Kg-dry	1	07/27/09 11:34
Silver	1.6		1.2	0.23	mg/Kg-dry	1	07/27/09 11:34

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 14:34 462715 **Project Supervisor:** Anthony Crescenzi

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-044ADL**
Project:	Tract II	**Client Sample ID:**	***TP-39-6***
W Order:	0907072	**Collection Date:**	07/15/09 14:49
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 14.3	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5029
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	28000		5.8	2.3	mg/Kg-dry	5	07/27/09 14:48

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-045A**
Project:	Tract II	**Client Sample ID:**	*TP-39-7*
W Order:	0907072	**Collection Date:**	07/15/09 14:55
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 17.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4992
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	22		1.2	0.48	mg/Kg-dry	1	07/27/09 11:37
Barium	480		12	0.24	mg/Kg-dry	1	07/27/09 11:37
Cadmium	5.8		1.2	0.12	mg/Kg-dry	1	07/27/09 11:37
Chromium	25		1.2	0.24	mg/Kg-dry	1	07/27/09 11:37
Lead	76000	E	1.2	0.48	mg/Kg-dry	1	07/27/09 11:37
Selenium	3.6		1.2	0.30	mg/Kg-dry	1	07/27/09 11:37
Silver	6.3		1.2	0.24	mg/Kg-dry	1	07/27/09 11:37

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-045ADL**
Project:	Tract II	**Client Sample ID:**	*TP-39-7*
W Order:	0907072	**Collection Date:**	07/15/09 14:55
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 17.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5030
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	77000		12	4.8	mg/Kg-dry	10	07/27/09 14:52

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-046A**
Project:	Tract II	**Client Sample ID:**	***TP-39-8***
W Order:	0907072	**Collection Date:**	07/15/09 14:59
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 15.9	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4993
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	7.3		1.2	0.48	mg/Kg-dry	1	07/27/09 11:41
Barium	150		12	0.24	mg/Kg-dry	1	07/27/09 11:41
Cadmium	4.7		1.2	0.12	mg/Kg-dry	1	07/27/09 11:41
Chromium	7.2		1.2	0.24	mg/Kg-dry	1	07/27/09 11:41
Lead	7300		1.2	0.48	mg/Kg-dry	1	07/27/09 11:41
Selenium	1.1	J	1.2	0.30	mg/Kg-dry	1	07/27/09 11:41
Silver	0.74	J	1.2	0.24	mg/Kg-dry	1	07/27/09 11:41

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-047A**
Project:	Tract II	**Client Sample ID:**	***TP-39-9***
W Order:	0907072	**Collection Date:**	07/15/09 15:01
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 38.2	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4994
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	2.5		1.6	0.65	mg/Kg-dry	1	07/27/09 11:45
Barium	120		16	0.32	mg/Kg-dry	1	07/27/09 11:45
Cadmium	0.72	J	1.6	0.16	mg/Kg-dry	1	07/27/09 11:45
Chromium	17		1.6	0.32	mg/Kg-dry	1	07/27/09 11:45
Lead	84		1.6	0.65	mg/Kg-dry	1	07/27/09 11:45
Selenium	1.4	J	1.6	0.40	mg/Kg-dry	1	07/27/09 11:45
Silver	ND		1.6	0.32	mg/Kg-dry	1	07/27/09 11:45

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-048A**
Project:	Tract II	**Client Sample ID:**	***TP-40-2***
W Order:	0907072	**Collection Date:**	07/15/09 15:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 13.8	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4995
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	22		1.2	0.46	mg/Kg-dry	1	07/27/09 11:49
Barium	880		12	0.23	mg/Kg-dry	1	07/27/09 11:49
Cadmium	2.4		1.2	0.12	mg/Kg-dry	1	07/27/09 11:49
Chromium	31		1.2	0.23	mg/Kg-dry	1	07/27/09 11:49
Lead	18000		1.2	0.46	mg/Kg-dry	1	07/27/09 11:49
Selenium	1.8		1.2	0.29	mg/Kg-dry	1	07/27/09 11:49
Silver	1.2		1.2	0.23	mg/Kg-dry	1	07/27/09 11:49

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-048ADL**
Project:	Tract II	**Client Sample ID:**	***TP-40-2***
W Order:	0907072	**Collection Date:**	07/15/09 15:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 13.8	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5031
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Selenium	ND		5.8	1.5	mg/Kg-dry	5	07/27/09 14:56

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-049A**
Project:	Tract II	**Client Sample ID:**	***TP-40-3***
W Order:	0907072	**Collection Date:**	07/15/09 15:24
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 18.1	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4999
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	9.7		1.2	0.49	mg/Kg-dry	1	07/27/09 12:05
Barium	570		12	0.24	mg/Kg-dry	1	07/27/09 12:05
Cadmium	1.6		1.2	0.12	mg/Kg-dry	1	07/27/09 12:05
Chromium	27		1.2	0.24	mg/Kg-dry	1	07/27/09 12:05
Lead	3200		1.2	0.49	mg/Kg-dry	1	07/27/09 12:05
Selenium	1.2	J	1.2	0.31	mg/Kg-dry	1	07/27/09 12:05
Silver	0.54	J	1.2	0.24	mg/Kg-dry	1	07/27/09 12:05

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-050A**
Project:	Tract II	**Client Sample ID:**	***TP-40-4***
W Order:	0907072	**Collection Date:**	07/15/09 15:26
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 18.9	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5000
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	31		1.2	0.49	mg/Kg-dry	1	07/27/09 12:09
Barium	440		12	0.25	mg/Kg-dry	1	07/27/09 12:09
Cadmium	3.2		1.2	0.12	mg/Kg-dry	1	07/27/09 12:09
Chromium	38		1.2	0.25	mg/Kg-dry	1	07/27/09 12:09
Lead	37000	E	1.2	0.49	mg/Kg-dry	1	07/27/09 12:09
Selenium	1.3		1.2	0.31	mg/Kg-dry	1	07/27/09 12:09
Silver	3.2		1.2	0.25	mg/Kg-dry	1	07/27/09 12:09

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-050ADL**
Project:	Tract II	**Client Sample ID:**	***TP-40-4***
W Order:	0907072	**Collection Date:**	07/15/09 15:26
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 18.9	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5032
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	37000		6.2	2.5	mg/Kg-dry	5	07/27/09 15:00

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-051A**
Project:	Tract II	**Client Sample ID:**	***TP-40-5***
W Order:	0907072	**Collection Date:**	07/15/09 15:30
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 21.8	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5033
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	60		6.4	2.6	mg/Kg-dry	5	07/27/09 15:04
Barium	990		64	1.3	mg/Kg-dry	5	07/27/09 15:04
Cadmium	10		6.4	0.64	mg/Kg-dry	5	07/27/09 15:04
Chromium	140		6.4	1.3	mg/Kg-dry	5	07/27/09 15:04
Lead	97000		6.4	2.6	mg/Kg-dry	5	07/27/09 15:04
Selenium	ND		6.4	1.6	mg/Kg-dry	5	07/27/09 15:04
Silver	6.4	J	6.4	1.3	mg/Kg-dry	5	07/27/09 15:04

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-052A**
Project:	Tract II	**Client Sample ID:**	***TP-40-6***
W Order:	0907072	**Collection Date:**	07/15/09 15:32
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 27.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5002
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	38		1.4	0.55	mg/Kg-dry	1	07/27/09 12:16
Barium	1000		14	0.28	mg/Kg-dry	1	07/27/09 12:16
Cadmium	11		1.4	0.14	mg/Kg-dry	1	07/27/09 12:16
Chromium	69		1.4	0.28	mg/Kg-dry	1	07/27/09 12:16
Lead	82000	E	1.4	0.55	mg/Kg-dry	1	07/27/09 12:16
Selenium	1.5		1.4	0.34	mg/Kg-dry	1	07/27/09 12:16
Silver	5.4		1.4	0.28	mg/Kg-dry	1	07/27/09 12:16

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-052ADL**
Project:	Tract II	**Client Sample ID:**	***TP-40-6***
W Order:	0907072	**Collection Date:**	07/15/09 15:32
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 27.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5037
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	84000		14	5.5	mg/Kg-dry	10	07/27/09 15:20

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-053A**
Project:	Tract II	**Client Sample ID:**	***TP-40-7***
W Order:	0907072	**Collection Date:**	07/15/09 15:37
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 44.1	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5003
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	24		1.8	0.72	mg/Kg-dry	1	07/27/09 12:20
Barium	970		18	0.36	mg/Kg-dry	1	07/27/09 12:20
Cadmium	9.2		1.8	0.18	mg/Kg-dry	1	07/27/09 12:20
Chromium	160		1.8	0.36	mg/Kg-dry	1	07/27/09 12:20
Lead	99000	E	1.8	0.72	mg/Kg-dry	1	07/27/09 12:20
Selenium	1.6	J	1.8	0.45	mg/Kg-dry	1	07/27/09 12:20
Silver	4.2		1.8	0.36	mg/Kg-dry	1	07/27/09 12:20

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-053ADL**
Project:	Tract II	**Client Sample ID:**	***TP-40-7***
W Order:	0907072	**Collection Date:**	07/15/09 15:37
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 44.1	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5038
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	100000		18	7.2	mg/Kg-dry	10	07/27/09 15:24

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-054A**
Project:	Tract II	**Client Sample ID:**	***TP-40-8***
W Order:	0907072	**Collection Date:**	07/15/09 15:41
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 27.7	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5004
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	30		1.4	0.55	mg/Kg-dry	1	07/27/09 12:24
Barium	430		14	0.28	mg/Kg-dry	1	07/27/09 12:24
Cadmium	4.4		1.4	0.14	mg/Kg-dry	1	07/27/09 12:24
Chromium	43		1.4	0.28	mg/Kg-dry	1	07/27/09 12:24
Lead	46000	E	1.4	0.55	mg/Kg-dry	1	07/27/09 12:24
Selenium	2.1		1.4	0.35	mg/Kg-dry	1	07/27/09 12:24
Silver	1.6		1.4	0.28	mg/Kg-dry	1	07/27/09 12:24

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-054ADL**
Project:	Tract II	**Client Sample ID:**	***TP-40-8***
W Order:	0907072	**Collection Date:**	07/15/09 15:41
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 27.7	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5039
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	48000		6.9	2.8	mg/Kg-dry	5	07/27/09 15:28

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-055A**
Project:	Tract II	**Client Sample ID:**	***TP-DUP***
W Order:	0907072	**Collection Date:**	07/15/09 0:00
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 22.5	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5005
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	8.1		1.3	0.52	mg/Kg-dry	1	07/27/09 12:28
Barium	510		13	0.26	mg/Kg-dry	1	07/27/09 12:28
Cadmium	1.9		1.3	0.13	mg/Kg-dry	1	07/27/09 12:28
Chromium	27		1.3	0.26	mg/Kg-dry	1	07/27/09 12:28
Lead	1600		1.3	0.52	mg/Kg-dry	1	07/27/09 12:28
Selenium	1.1	J	1.3	0.32	mg/Kg-dry	1	07/27/09 12:28
Silver	ND		1.3	0.26	mg/Kg-dry	1	07/27/09 12:28

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-056A**
Project:	Tract II	**Client Sample ID:**	***TP-Rinsate***
W Order:	0907072	**Collection Date:**	07/15/09 17:00
Matrix:	WATER Q	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 50 mL	**PrepDate:** 07/28/09 0:00
ColumnID:		**%Moisture:**	**BatchNo:** 9788/R17953
Revision:	07/29/09 11:46	**TestCode:** 6010W05	**FileID:** 1-SAMP-110282
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3005A)**
Arsenic	ND		0.010	0.0040	mg/L	1	07/28/09 17:53
Barium	ND		0.10	0.0020	mg/L	1	07/28/09 17:53
Cadmium	ND		0.010	0.0010	mg/L	1	07/28/09 17:53
Chromium	ND		0.010	0.0028	mg/L	1	07/28/09 17:53
Lead	ND		0.010	0.0040	mg/L	1	07/28/09 17:53
Selenium	ND		0.010	0.0035	mg/L	1	07/28/09 17:53
Silver	ND		0.010	0.0020	mg/L	1	07/28/09 17:53

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 14:34 462912 **Project Supervisor:** Anthony Crescenzi

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-001A**
Project:	Tract II	**Client Sample ID:**	*TP-26-2*
W Order:	0907072	**Collection Date:**	07/15/09 9:00
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 18.0	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.58		0.12	0.010	mg/Kg-dry	1	07/28/09 10:49

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-002A**
Project:	Tract II	**Client Sample ID:**	*TP-26-3*
W Order:	0907072	**Collection Date:**	07/15/09 17:00
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 23.2	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.39		0.13	0.011	mg/Kg-dry	1	07/28/09 11:00

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-003A**
Project:	Tract II	**Client Sample ID:**	***TP-26-4***
W Order:	0907072	**Collection Date:**	07/15/09 9:10
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 23.7	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.5		0.13	0.011	mg/Kg-dry	1	07/28/09 11:02

Qualifiers:	* Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-004A**
Project:	Tract II	**Client Sample ID:**	***TP-26-5***
W Order:	0907072	**Collection Date:**	07/15/09 9:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 15.9	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.74		0.12	0.0099	mg/Kg-dry	1	07/28/09 11:04

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-005A**
Project:	Tract II	**Client Sample ID:**	***TP-26-6***
W Order:	0907072	**Collection Date:**	07/15/09 9:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 25.5	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.60		0.13	0.011	mg/Kg-dry	1	07/28/09 11:06

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-006A**
Project:	Tract II	**Client Sample ID:**	*TP-27-2*
W Order:	0907072	**Collection Date:**	07/15/09 9:30
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 9.4	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.71		0.11	0.0092	mg/Kg-dry	1	07/28/09 11:08

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology			**Lab ID:**	**0907072-007A**
Project:	Tract II			**Client Sample ID:**	*TP-27-3*
W Order:	0907072			**Collection Date:**	07/15/09 9:35
Matrix:	SOIL			**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:**	0.3 g	**PrepDate:**	07/27/09 0:00
ColumnID:		**%Moisture:**	19.5	**BatchNo:**	9781/R17964
Revision:	07/29/09 12:21	**TestCode:**	HG7471S	**FileID:**	1-SAMP-
Col Type:					

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	3.3	E	0.12	0.010	mg/Kg-dry	1	07/28/09 11:11

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-007ADL**
Project:	Tract II	**Client Sample ID:**	*TP-27-3*
W Order:	0907072	**Collection Date:**	07/15/09 9:35
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 19.5	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-DL-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	3.5		1.2	0.10	mg/Kg-dry	10	07/28/09 16:35

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-008A**
Project:	Tract II	**Client Sample ID:**	*TP-27-4*
W Order:	0907072	**Collection Date:**	07/15/09 9:40
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 18.1	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.2		0.12	0.010	mg/Kg-dry	1	07/28/09 11:13

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-009A**
Project:	Tract II	**Client Sample ID:**	*TP-27-6*
W Order:	0907072	**Collection Date:**	07/15/09 9:45
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 29.8	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.4		0.14	0.012	mg/Kg-dry	1	07/28/09 11:15

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-010A**
Project:	Tract II	**Client Sample ID:**	***TP-28-2***
W Order:	0907072	**Collection Date:**	07/15/09 10:06
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 21.4	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	16	E	0.13	0.011	mg/Kg-dry	1	07/28/09 11:17

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-010ADL**
Project:	Tract II	**Client Sample ID:**	*TP-28-2*
W Order:	0907072	**Collection Date:**	07/15/09 10:06
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 21.4	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-DL-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	590		130	11	mg/Kg-dry	1000	07/28/09 16:38

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-011A**
Project:	Tract II	**Client Sample ID:**	*TP-28-3*
W Order:	0907072	**Collection Date:**	07/15/09 10:11
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 20.3	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	11	E	0.13	0.010	mg/Kg-dry	1	07/28/09 11:19

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-011ADL**
Project:	Tract II	**Client Sample ID:**	***TP-28-3***
W Order:	0907072	**Collection Date:**	07/15/09 10:11
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 20.3	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-DL-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1900		130	10	mg/Kg-dry	1000	07/28/09 16:40

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-012A**
Project:	Tract II	**Client Sample ID:**	*TP-29-2*
W Order:	0907072	**Collection Date:**	07/15/09 10:30
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 21.1	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.9		0.13	0.011	mg/Kg-dry	1	07/28/09 14:14

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-013A**
Project:	Tract II	**Client Sample ID:**	*TP-30-2*
W Order:	0907072	**Collection Date:**	07/15/09 10:44
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 17.4	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.30		0.12	0.010	mg/Kg-dry	1	07/28/09 14:16

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-014A**
Project:	Tract II	**Client Sample ID:**	***TP-30-3***
W Order:	0907072	**Collection Date:**	07/15/09 10:46
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 30.8	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.26		0.14	0.012	mg/Kg-dry	1	07/28/09 14:18

Qualifiers:	* Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-015A**
Project:	Tract II	**Client Sample ID:**	***TP-30-4***
W Order:	0907072	**Collection Date:**	07/15/09 10:49
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.7	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.47		0.12	0.0098	mg/Kg-dry	1	07/28/09 14:20

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-016A**
Project:	Tract II	**Client Sample ID:**	***TP-30-5***
W Order:	0907072	**Collection Date:**	07/15/09 10:51
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 26.2	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.17		0.14	0.011	mg/Kg-dry	1	07/28/09 14:22

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-017A**
Project:	Tract II	**Client Sample ID:**	*TP-31-2*
W Order:	0907072	**Collection Date:**	07/15/09 11:09
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 15.3	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.39		0.12	0.0099	mg/Kg-dry	1	07/28/09 14:25

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-018A**
Project:	Tract II	**Client Sample ID:**	***TP-31-3***
W Order:	0907072	**Collection Date:**	07/15/09 11:12
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 15.3	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.10	J	0.12	0.0099	mg/Kg-dry	1	07/28/09 14:27

Qualifiers:	* Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-019A**
Project:	Tract II	**Client Sample ID:**	***TP-31-4***
W Order:	0907072	**Collection Date:**	07/15/09 11:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 19.6	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.66		0.12	0.010	mg/Kg-dry	1	07/28/09 14:44

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-020A**
Project:	Tract II	**Client Sample ID:**	*TP-32-2*
W Order:	0907072	**Collection Date:**	07/15/09 11:25
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.2	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	13	E	0.12	0.0097	mg/Kg-dry	1	07/28/09 14:29

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-020ADL**
Project:	Tract II	**Client Sample ID:**	*TP-32-2*
W Order:	0907072	**Collection Date:**	07/15/09 11:25
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.2	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-DL-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	65		12	0.97	mg/Kg-dry	100	07/28/09 16:42

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-021A**
Project:	Tract II	**Client Sample ID:**	*TP-33-2*
W Order:	0907072	**Collection Date:**	07/15/09 11:45
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 26.3	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.3		0.14	0.011	mg/Kg-dry	1	07/28/09 14:33

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology			**Lab ID:**	**0907072-022A**
Project:	Tract II			**Client Sample ID:**	*TP-33-3*
W Order:	0907072			**Collection Date:**	07/15/09 11:50
Matrix:	SOIL			**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:**	0.3 g	**PrepDate:**	07/27/09 0:00
ColumnID:		**%Moisture:**	20.5	**BatchNo:**	9782/R17964
Revision:	07/29/09 12:21	**TestCode:**	HG7471S	**FileID:**	1-SAMP-
Col Type:					

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.21		0.13	0.011	mg/Kg-dry	1	07/28/09 14:50

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-023A**
Project:	Tract II	**Client Sample ID:**	*TP-34-2*
W Order:	0907072	**Collection Date:**	07/15/09 12:40
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 13.3	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.67		0.12	0.0096	mg/Kg-dry	1	07/28/09 14:52

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-024A**
Project:	Tract II	**Client Sample ID:**	*TP-34-3*
W Order:	0907072	**Collection Date:**	07/15/09 12:44
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 15.1	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.077	J	0.12	0.0098	mg/Kg-dry	1	07/28/09 14:54

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-025A**
Project:	Tract II	**Client Sample ID:**	***TP-34-4***
W Order:	0907072	**Collection Date:**	07/15/09 12:46
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 13.9	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.056	J	0.12	0.0097	mg/Kg-dry	1	07/28/09 14:56

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-026A**
Project:	Tract II	**Client Sample ID:**	***TP-34-5***
W Order:	0907072	**Collection Date:**	07/15/09 12:48
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 26.6	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.12	J	0.14	0.011	mg/Kg-dry	1	07/28/09 14:58

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-027A**
Project:	Tract II	**Client Sample ID:**	*TP-36-2*
W Order:	0907072	**Collection Date:**	07/15/09 13:12
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 10.4	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.12		0.11	0.0093	mg/Kg-dry	1	07/28/09 15:01

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-028A**
Project:	Tract II	**Client Sample ID:**	*TP-36-3*
W Order:	0907072	**Collection Date:**	07/15/09 13:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 17.3	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.21		0.12	0.010	mg/Kg-dry	1	07/28/09 15:07

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-029A**
Project:	Tract II	**Client Sample ID:**	*TP-36-4*
W Order:	0907072	**Collection Date:**	07/15/09 13:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 13.8	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.14		0.12	0.0097	mg/Kg-dry	1	07/28/09 15:09

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-030A**
Project:	Tract II	**Client Sample ID:**	***TP-36-5***
W Order:	0907072	**Collection Date:**	07/15/09 13:25
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 30.3	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.18		0.14	0.012	mg/Kg-dry	1	07/28/09 15:12

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-031A**
Project:	Tract II	**Client Sample ID:**	*TP-37-2*
W Order:	0907072	**Collection Date:**	07/15/09 13:50
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 19.1	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.26		0.12	0.010	mg/Kg-dry	1	07/28/09 15:14

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-032A**
Project:	Tract II	**Client Sample ID:**	*TP-37-3*
W Order:	0907072	**Collection Date:**	07/15/09 13:52
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 15.3	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.17		0.12	0.0099	mg/Kg-dry	1	07/28/09 15:16

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 13:01 463004 **Project Supervisor:** Anthony Crescenzi

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-033A**
Project:	Tract II	**Client Sample ID:**	*TP-37-5*
W Order:	0907072	**Collection Date:**	07/15/09 13:56
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 12.5	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.022	J	0.11	0.0095	mg/Kg-dry	1	07/28/09 15:18

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-034A**
Project:	Tract II	**Client Sample ID:**	*TP-37-6*
W Order:	0907072	**Collection Date:**	07/15/09 13:59
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 29.5	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.28		0.14	0.012	mg/Kg-dry	1	07/28/09 15:20

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-035A**
Project:	Tract II	**Client Sample ID:**	*TP-38-2*
W Order:	0907072	**Collection Date:**	07/15/09 14:10
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 21.8	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.6		0.13	0.011	mg/Kg-dry	1	07/28/09 15:22

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-036A**
Project:	Tract II	**Client Sample ID:**	*TP-38-3*
W Order:	0907072	**Collection Date:**	07/15/09 14:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 10.6	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.27		0.11	0.0093	mg/Kg-dry	1	07/28/09 15:24

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 13:01 463008 **Project Supervisor:** Anthony Crescenzi

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-037A**
Project:	Tract II	**Client Sample ID:**	***TP-38-4***
W Order:	0907072	**Collection Date:**	07/15/09 14:17
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.7	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.32		0.12	0.0098	mg/Kg-dry	1	07/28/09 15:27

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-038A**
Project:	Tract II	**Client Sample ID:**	***TP-38-5***
W Order:	0907072	**Collection Date:**	07/15/09 14:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 32.4	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.22		0.15	0.012	mg/Kg-dry	1	07/28/09 15:44

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-039A**
Project:	Tract II	**Client Sample ID:**	***TP-38-6***
W Order:	0907072	**Collection Date:**	07/15/09 14:24
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 17.7	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.32		0.12	0.010	mg/Kg-dry	1	07/28/09 15:33

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 13:01 463012 **Project Supervisor:** Anthony Crescenzi

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-040A**
Project:	Tract II	**Client Sample ID:**	*TP-39-2*
W Order:	0907072	**Collection Date:**	07/15/09 14:34
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 13.8	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.31		0.12	0.0097	mg/Kg-dry	1	07/28/09 15:35

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-041A**
Project:	Tract II	**Client Sample ID:**	***TP-39-3***
W Order:	0907072	**Collection Date:**	07/15/09 14:36
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.9	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	4.6	E	0.12	0.0098	mg/Kg-dry	1	07/28/09 15:37

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-041ADL**
Project:	Tract II	**Client Sample ID:**	***TP-39-3***
W Order:	0907072	**Collection Date:**	07/15/09 14:36
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.9	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-DL-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	5.4		1.2	0.098	mg/Kg-dry	10	07/28/09 16:58

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-042A**
Project:	Tract II	**Client Sample ID:**	***TP-39-4***
W Order:	0907072	**Collection Date:**	07/15/09 14:39
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.4	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.2		0.12	0.0098	mg/Kg-dry	1	07/28/09 15:50

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-043A**
Project:	Tract II	**Client Sample ID:**	***TP-39-5***
W Order:	0907072	**Collection Date:**	07/15/09 14:44
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 22.4	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.7		0.13	0.011	mg/Kg-dry	1	07/28/09 15:52

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 13:01 463021 **Project Supervisor:** Anthony Crescenzi

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-044A**
Project:	Tract II	**Client Sample ID:**	***TP-39-6***
W Order:	0907072	**Collection Date:**	07/15/09 14:49
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.3	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.28		0.12	0.0097	mg/Kg-dry	1	07/28/09 15:59

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-045A**
Project:	Tract II	**Client Sample ID:**	***TP-39-7***
W Order:	0907072	**Collection Date:**	07/15/09 14:55
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 17.4	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.51		0.12	0.010	mg/Kg-dry	1	07/28/09 16:01

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-046A**
Project:	Tract II	**Client Sample ID:**	***TP-39-8***
W Order:	0907072	**Collection Date:**	07/15/09 14:59
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 15.9	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.14		0.12	0.0099	mg/Kg-dry	1	07/28/09 16:03

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-047A**
Project:	Tract II	**Client Sample ID:**	***TP-39-9***
W Order:	0907072	**Collection Date:**	07/15/09 15:01
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 38.2	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.17		0.16	0.014	mg/Kg-dry	1	07/28/09 16:05

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-048A**
Project:	Tract II	**Client Sample ID:**	***TP-40-2***
W Order:	0907072	**Collection Date:**	07/15/09 15:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 13.8	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.6		0.12	0.0097	mg/Kg-dry	1	07/28/09 16:07

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 13:01 463028 **Project Supervisor:** Anthony Crescenzi

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-049A**
Project:	Tract II	**Client Sample ID:**	***TP-40-3***
W Order:	0907072	**Collection Date:**	07/15/09 15:24
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 18.1	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.0		0.12	0.010	mg/Kg-dry	1	07/28/09 16:10

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-050A**
Project:	Tract II	**Client Sample ID:**	***TP-40-4***
W Order:	0907072	**Collection Date:**	07/15/09 15:26
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 18.9	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.87		0.12	0.010	mg/Kg-dry	1	07/28/09 16:12

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-051A**
Project:	Tract II	**Client Sample ID:**	***TP-40-5***
W Order:	0907072	**Collection Date:**	07/15/09 15:30
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 21.8	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.41		0.13	0.011	mg/Kg-dry	1	07/28/09 16:14

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-052A**
Project:	Tract II	**Client Sample ID:**	***TP-40-6***
W Order:	0907072	**Collection Date:**	07/15/09 15:32
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 27.4	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.42		0.14	0.012	mg/Kg-dry	1	07/28/09 16:16

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-053A**
Project:	Tract II	**Client Sample ID:**	***TP-40-7***
W Order:	0907072	**Collection Date:**	07/15/09 15:37
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 44.1	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	2.3		0.18	0.015	mg/Kg-dry	1	07/28/09 16:18

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 13:01 463033 **Project Supervisor:** Anthony Crescenzi

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East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-054A**
Project:	Tract II	**Client Sample ID:**	***TP-40-8***
W Order:	0907072	**Collection Date:**	07/15/09 15:41
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100 **Sample Size:** 0.3 g	**PrepDate:**	07/27/09 0:00
ColumnID:	**%Moisture:** 27.7	**BatchNo:**	9783/R17964
Revision:	07/29/09 12:21 **TestCode:** HG7471S	**FileID:**	1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.81		0.14	0.012	mg/Kg-dry	1	07/28/09 16:25

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-055A**
Project:	Tract II	**Client Sample ID:**	***TP-DUP***
W Order:	0907072	**Collection Date:**	07/15/09 0:00
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 22.5	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.21		0.13	0.011	mg/Kg-dry	1	07/28/09 16:27

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-056A**
Project:	Tract II	**Client Sample ID:**	***TP-Rinsate***
W Order:	0907072	**Collection Date:**	07/15/09 17:00
Matrix:	WATER Q	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 50 mL	**PrepDate:** 07/22/09 0:00
ColumnID:		**%Moisture:**	**BatchNo:** 9753/R17907
Revision:	07/23/09 8:40	**TestCode:** HG7470W	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7470A**		**(SW7470A)**
Mercury	ND		0.00020	0.000050	mg/L	1	07/22/09 16:09

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Quality Control Results

Trace Metals Data

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	0907072-001AMS	SampType:	MS	TestCode:	6010S	Units: mg/Kg-dry	Prep Date:	7/23/2009	RunNo: 17922
Client ID:	TP-26-2	Batch ID:	9759	Method:	SW6010B	(SW3050B)	Analysis Date:	7/24/2009	SeqNo: 462400
Instrument:		ColumnID:							

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	60.9	1.2	48.8	7.98	109	60	140				
Barium	359	12	48.8	307	106	60	140				
Cadmium	47.4	1.2	48.8	0.772	96	60	140				
Chromium	75.4	1.2	48.8	26.6	100	60	140				
Lead	1310	1.2	48.8	875	890	60	140				S
Selenium	47.8	1.2	48.8	1.01	96	60	140				
Silver	12.0	1.2	12.2	0	98	60	140				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: 0907072-001AMSD	SampType: MSD	TestCode: 6010S	Units: mg/Kg-dry	Prep Date: 7/23/2009		RunNo: 17922			
Client ID: TP-26-2	Batch ID: 9759	Method: SW6010B	(SW3050B)	Analysis Date: 7/24/2009		SeqNo: 462401			
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	64.2	1.2	48.8	7.98	115	60	140	60.9	5	20	
Barium	366	12	48.8	307	121	60	140	359	2	20	
Cadmium	46.8	1.2	48.8	0.772	94	60	140	47.4	1	20	
Chromium	74.2	1.2	48.8	26.6	98	60	140	75.4	2	20	
Lead	1210	1.2	48.8	875	682	60	140	1310	8	20	S
Selenium	47.4	1.2	48.8	1.01	95	60	140	47.8	1	20	
Silver	11.9	1.2	12.2	0	98	60	140	12	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	0907072-019AMS	SampType:	MS	TestCode:	6010S	Units:	mg/Kg-dry	Prep Date:	7/23/2009	RunNo:	17922
Client ID:	TP-31-4	Batch ID:	9760	Method:	SW6010B	(SW3050B)		Analysis Date:	7/24/2009	SeqNo:	462433
Instrument:		ColumnID:									

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	109	1.2	49.8	98.4	22	60	140				S
Barium	341	12	49.8	209	264	60	140				S
Cadmium	50.1	1.2	49.8	2	97	60	140				
Chromium	67.3	1.2	49.8	15.7	104	60	140				
Lead	57300	1.2	49.8	97700	0	60	140				ES
Selenium	49.4	1.2	49.8	1.76	96	60	140				
Silver	14.9	1.2	12.4	10.8	33	60	140				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	0907072-019AMSD	SampType:	MSD	TestCode:	6010S	Units:	mg/Kg-dry	Prep Date:	7/23/2009	RunNo:	17922
Client ID:	TP-31-4	Batch ID:	9760	Method:	SW6010B	(SW3050B)		Analysis Date:	7/24/2009	SeqNo:	462434
Instrument:		ColumnID:									

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	132	1.2	49.8	98.4	67	60	140	109	19	20	
Barium	361	12	49.8	209	304	60	140	341	6	20	S
Cadmium	50.6	1.2	49.8	2	98	60	140	50.1	1	20	
Chromium	67.9	1.2	49.8	15.7	105	60	140	67.3	1	20	
Lead	70600	1.2	49.8	97700	0	60	140	57300	21	20	RES
Selenium	50.0	1.2	49.8	1.76	97	60	140	49.4	1	20	
Silver	15.7	1.2	12.4	10.8	40	60	140	14.9	5	20	S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-019AMS**	SampType: **MS**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/23/2009**	RunNo: **17958**		
Client ID: **TP-31-4**	Batch ID: **9760**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**	SeqNo: **462739**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	59400	6.2	49.8	99300	0	60	140				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-019AMSD**	SampType: **MSD**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/23/2009**		RunNo: **17958**	
Client ID: **TP-31-4**	Batch ID: **9760**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**		SeqNo: **462740**	
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	74200	6.2	49.8	99300	0	60	140	59400	22	20	RS

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: 0907072-038AMS	SampType: MS	TestCode: 6010S	Units: mg/Kg-dry	Prep Date: 7/24/2009		RunNo: 17958	
Client ID: TP-38-5	Batch ID: 9762	Method: SW6010B	(SW3050B)	Analysis Date: 7/27/2009		SeqNo: 462703	
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	85.9	1.5	59.2	27.7	98	60	140				
Barium	274	15	59.2	231	74	60	140				
Cadmium	59.9	1.5	59.2	4.09	94	60	140				
Chromium	81.2	1.5	59.2	23.4	98	60	140				
Lead	32700	1.5	59.2	36600	0	60	140				ES
Selenium	57.6	1.5	59.2	2.75	93	60	140				
Silver	15.7	1.5	14.8	1.44	97	60	140				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Practical Quantitation Limit (PQL)
- U Not Detected at the MDC or RL
- E Value exceeds the instrument calibration range
- R RPD exceeds accepted precision limit
- J Analyte detected below the PQL
- S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-038AMSD**	SampType: **MSD**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/24/2009**	RunNo: **17958**				
Client ID: **TP-38-5**	Batch ID: **9762**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**	SeqNo: **462704**				
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	85.4	1.5	59.2	27.7	98	60	140	85.9	1	20	
Barium	288	15	59.2	231	98	60	140	274	5	20	
Cadmium	59.6	1.5	59.2	4.09	94	60	140	59.9	0	20	
Chromium	80.8	1.5	59.2	23.4	97	60	140	81.2	1	20	
Lead	37100	1.5	59.2	36600	867	60	140	32700	12	20	ES
Selenium	57.5	1.5	59.2	2.75	92	60	140	57.6	0	20	
Silver	16.0	1.5	14.8	1.44	99	60	140	15.7	2	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: 0907072-038AMS	SampType: MS	TestCode: 6010S	Units: mg/Kg-dry	Prep Date: 7/24/2009		RunNo: 17958			
Client ID: TP-38-5	Batch ID: 9762	Method: SW6010B	(SW3050B)	Analysis Date: 7/27/2009		SeqNo: 462749			
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	33100	7.4	59.2	36900	0	60	140				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-038AMSD**	SampType: **MSD**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/24/2009**	RunNo: **17958**				
Client ID: **TP-38-5**	Batch ID: **9762**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**	SeqNo: **462750**				
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	37400	7.4	59.2	36900	854	60	140	33100	12	20	S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: 0907072-001A	SampType: PDS	TestCode: 6010S	Units: mg/Kg-dry	Prep Date: 7/23/2009		RunNo: 17922			
Client ID: TP-26-2	Batch ID: 9759	Method: SW6010B	(SW3050B)	Analysis Date: 7/24/2009		SeqNo: 462406			
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	56.6	1.2	48.8	7.98	100	75	125				
Barium	338	12	48.8	307	64	75	125				S
Cadmium	46.0	1.2	48.8	0.772	93	75	125				
Chromium	71.7	1.2	48.8	26.6	92	75	125				
Lead	881	1.2	48.8	875	13	75	125				S
Selenium	48.0	1.2	48.8	1.01	96	75	125				
Silver	11.7	1.2	12.2	0	96	75	125				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: **0907072-019A**	SampType: **PDS**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/23/2009**	RunNo: **17922**		
Client ID: **TP-31-4**	Batch ID: **9760**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/24/2009**	SeqNo: **462445**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	141	1.2	49.8	98.4	86	75	125				
Barium	242	12	49.8	209	67	75	125				S
Cadmium	49.7	1.2	49.8	2	96	75	125				
Chromium	62.9	1.2	49.8	15.7	95	75	125				
Lead	91100	1.2	49.8	97700	0	75	125				ES
Selenium	51.6	1.2	49.8	1.76	100	75	125				
Silver	22.0	1.2	12.4	10.8	90	75	125				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: 0907072-019A	SampType: PDS	TestCode: 6010S	Units: mg/Kg-dry	Prep Date: 7/23/2009		RunNo: 17958			
Client ID: TP-31-4	Batch ID: 9760	Method: SW6010B	(SW3050B)	Analysis Date: 7/27/2009		SeqNo: 462742			
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	94900	6.2	249	99300	0	75	125				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-038A**	SampType: **PDS**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/24/2009**	RunNo: **17958**		
Client ID: **TP-38-5**	Batch ID: **9762**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**	SeqNo: **462706**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	87.1	1.5	59.2	27.7	100	75	125				
Barium	275	15	59.2	231	76	75	125				
Cadmium	60.9	1.5	59.2	4.09	96	75	125				
Chromium	79.9	1.5	59.2	23.4	96	75	125				
Lead	35000	1.5	59.2	36600	0	75	125				ES
Selenium	60.2	1.5	59.2	2.75	97	75	125				
Silver	15.6	1.5	14.8	1.44	96	75	125				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-038A**	SampType: **PDS**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/24/2009**		RunNo: **17958**			
Client ID: **TP-38-5**	Batch ID: **9762**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**		SeqNo: **462752**			
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	35000	7.4	296	36900	0	75	125				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **LCS-9759**	SampType: **LCS**	TestCode: **6010S**	Units: **mg/Kg**	Prep Date: **7/23/2009**	RunNo: **17922**		
Client ID: **ZZZZZ**	Batch ID: **9759**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/24/2009**	SeqNo: **462397**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	21.2	1.0	20	0	106	85	115				
Barium	20.6	10	20	0	103	85	115				
Cadmium	20.7	1.0	20	0	104	85	115				
Chromium	21.1	1.0	20	0	105	85	115				
Lead	22.2	1.0	20	0	111	85	115				
Selenium	20.1	1.0	20	0	101	85	115				
Silver	4.95	1.0	5	0	99	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **LCS-9760**	SampType: **LCS**	TestCode: **6010S**	Units: **mg/Kg**	Prep Date: **7/23/2009**	RunNo: **17922**		
Client ID: **ZZZZZ**	Batch ID: **9760**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/24/2009**	SeqNo: **462431**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	21.1	1.0	20	0	106	85	115				
Barium	20.1	10	20	0	101	85	115				
Cadmium	20.8	1.0	20	0	104	85	115				
Chromium	21.1	1.0	20	0	106	85	115				
Lead	21.9	1.0	20	0	109	85	115				
Selenium	20.3	1.0	20	0	101	85	115				
Silver	4.99	1.0	5	0	100	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: LCS-9762	SampType: LCS	TestCode: 6010S	Units: mg/Kg	Prep Date: 7/24/2009	RunNo: 17958		
Client ID: ZZZZZ	Batch ID: 9762	Method: SW6010B	(SW3050B)	Analysis Date: 7/27/2009	SeqNo: 462701		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	20.6	1.0	20	0	103	85	115				
Barium	19.9	10	20	0	100	85	115				
Cadmium	20.2	1.0	20	0	101	85	115				
Chromium	20.5	1.0	20	0	102	85	115				
Lead	21.3	1.0	20	0	106	85	115				
Selenium	19.6	1.0	20	0	98	85	115				
Silver	4.93	1.0	5	0	99	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **LCS-9788**	SampType: **LCS**	TestCode: **6010W05**	Units: **mg/L**	Prep Date: **7/28/2009**	RunNo: **17953**		
Client ID: **ZZZZZ**	Batch ID: **9788**	Method: **SW6010B**	**(SW3005A)**	Analysis Date: **7/28/2009**	SeqNo: **462911**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.212	0.010	0.2	0	106	85	115				
Barium	0.201	0.10	0.2	0	101	85	115				
Cadmium	0.207	0.010	0.2	0	103	85	115				
Chromium	0.209	0.010	0.2	0	104	85	115				
Lead	0.210	0.010	0.2	0	105	85	115				
Selenium	0.206	0.010	0.2	0	103	85	115				
Silver	0.0495	0.010	0.05	0	99	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **MB-9759**	SampType: **MBLK**	TestCode: **6010S**	Units: **mg/Kg**	Prep Date: **7/23/2009**		RunNo: **17922**	
Client ID: **ZZZZZ**	Batch ID: **9759**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/24/2009**		SeqNo: **462396**	
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.0									
Barium	ND	10									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Lead	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **MB-9760**	SampType: **MBLK**	TestCode: **6010S**	Units: **mg/Kg**	Prep Date: **7/23/2009**	RunNo: **17922**		
Client ID: **ZZZZZ**	Batch ID: **9760**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/24/2009**	SeqNo: **462427**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.0									
Barium	ND	10									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Lead	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **MB-9762**	SampType: **MBLK**	TestCode: **6010S**	Units: **mg/Kg**	Prep Date: **7/24/2009**	RunNo: **17958**		
Client ID: **ZZZZZ**	Batch ID: **9762**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**	SeqNo: **462700**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.0									
Barium	ND	10									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Lead	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **MB-9788**	SampType: **MBLK**	TestCode: **6010W05**	Units: **mg/L**	Prep Date: **7/28/2009**	RunNo: **17953**		
Client ID: **ZZZZZ**	Batch ID: **9788**	Method: **SW6010B**	**(SW3005A)**	Analysis Date: **7/28/2009**	SeqNo: **462910**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.010									
Barium	ND	0.10									
Cadmium	ND	0.010									
Chromium	ND	0.010									
Lead	ND	0.010									
Selenium	ND	0.010									
Silver	ND	0.010									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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Mercury Data

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-001AMS**	SampType: **MS**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**		RunNo: **17964**			
Client ID: **TP-26-2**	Batch ID: **9781**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**		SeqNo: **462948**			
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.03	0.12	0.407	0.579	111	27	153				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-001AMSD**	SampType: **MSD**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**		RunNo: **17964**			
Client ID: **TP-26-2**	Batch ID: **9781**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**		SeqNo: **462949**			
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.21	0.12	0.407	0.579	156	27	153	1.03	16	15	RS

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-019AMS**	SampType: **MS**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**		RunNo: **17964**			
Client ID: **TP-31-4**	Batch ID: **9782**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**		SeqNo: **462990**			
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.21	0.12	0.415	0.661	131	27	153				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	0907072-019AMSD	SampType:	MSD	TestCode:	HG7471S	Units:	mg/Kg-dry	Prep Date:	7/27/2009	RunNo:	17964
Client ID:	TP-31-4	Batch ID:	9782	Method:	SW7471A		(SW7471A)	Analysis Date:	7/28/2009	SeqNo:	462991
Instrument:		ColumnID:									

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.08	0.12	0.415	0.661	101	27	153	1.21	11	15	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	0907072-038AMS	SampType:	MS	TestCode:	HG7471S	Units:	mg/Kg-dry	Prep Date:	7/27/2009	RunNo:	17964
Client ID:	TP-38-5	Batch ID:	9783	Method:	SW7471A		(SW7471A)	Analysis Date:	7/28/2009	SeqNo:	463018
Instrument:		ColumnID:									

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.744	0.15	0.494	0.224	105	27	153				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: 0907072-038AMSD	SampType: MSD	TestCode: HG7471S	Units: mg/Kg-dry	Prep Date: 7/27/2009		RunNo: 17964			
Client ID: TP-38-5	Batch ID: 9783	Method: SW7471A	(SW7471A)	Analysis Date: 7/28/2009		SeqNo: 463019			
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.738	0.15	0.494	0.224	104	27	153	0.744	0.9	15	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-001A**	SampType: **PDS**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**	RunNo: **17964**		
Client ID: **TP-26-2**	Batch ID: **9781**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**	SeqNo: **463043**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.01	0.12	0.407	0.579	107	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: **0907072-019A**	SampType: **PDS**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**	RunNo: **17964**		
Client ID: **TP-31-4**	Batch ID: **9782**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**	SeqNo: **463047**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.07	0.12	0.415	0.661	98	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-038A**	SampType: **PDS**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**		RunNo: **17964**	
Client ID: **TP-38-5**	Batch ID: **9783**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**		SeqNo: **463050**	
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.740	0.15	0.494	0.224	105	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **LCS-9781**	SampType: **LCS**	TestCode: **HG7471S**	Units: **mg/Kg**	Prep Date: **7/27/2009**	RunNo: **17964**		
Client ID: **ZZZZZ**	Batch ID: **9781**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**	SeqNo: **462946**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.766	0.10	0.835	0	92	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: LCS-9782	SampType: LCS	TestCode: HG7471S	Units: mg/Kg	Prep Date: 7/27/2009	RunNo: 17964		
Client ID: ZZZZZ	Batch ID: 9782	Method: SW7471A	(SW7471A)	Analysis Date: 7/28/2009	SeqNo: 462988		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.770	0.10	0.835	0	92	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: **LCS-9783**	SampType: **LCS**	TestCode: **HG7471S**	Units: **mg/Kg**	Prep Date: **7/27/2009**	RunNo: **17964**		
Client ID: **ZZZZZ**	Batch ID: **9783**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**	SeqNo: **463016**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.783	0.10	0.835	0	94	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **LCS-9753**	SampType: **LCS**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date: **7/22/2009**	RunNo: **17907**		
Client ID: **ZZZZZ**	Batch ID: **9753**	Method: **SW7470A**	**(SW7470A)**	Analysis Date: **7/22/2009**	SeqNo: **461134**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00518	0.00020	0.005	0	104	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **MB-9753**	SampType: **MBLK**	TestCode: **HG7470W**	Units: **mg/L**		Prep Date: **7/22/2009**				RunNo: **17907**		
Client ID: **ZZZZZ**	Batch ID: **9753**	Method: **SW7470A**	**(SW7470A)**		Analysis Date: **7/22/2009**				SeqNo: **461133**		
Instrument:	ColumnID:										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **MB-9781**	SampType: **MBLK**	TestCode: **HG7471S**	Units: **mg/Kg**		Prep Date: **7/27/2009**		RunNo: **17964**					
Client ID: **ZZZZZ**	Batch ID: **9781**	Method: **SW7471A**	**(SW7471A)**		Analysis Date: **7/28/2009**		SeqNo: **462945**					
Instrument:	ColumnID:											

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **MB-9782**	SampType: **MBLK**	TestCode: **HG7471S**	Units: **mg/Kg**		Prep Date: **7/27/2009**		RunNo: **17964**					
Client ID: **ZZZZZ**	Batch ID: **9782**	Method: **SW7471A**	**(SW7471A)**		Analysis Date: **7/28/2009**		SeqNo: **462985**					
Instrument:	ColumnID:											

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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29-Jul-09

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **MB-9783**	SampType: **MBLK**	TestCode: **HG7471S**	Units: **mg/Kg**	Prep Date: **7/27/2009**	RunNo: **17964**							
Client ID: **ZZZZZ**	Batch ID: **9783**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**	SeqNo: **463015**							
Instrument:	ColumnID:											

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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e: *29-Jul-09*

Sample Data Package

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for EA Engineering Science & Technology, Tract II project.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chain of custodies documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

Discrepancies noted upon receipt are listed on the sample receipt checklist located in the chain of custody section of the report. The temperatures of the iced coolers ranged from 2.4°C to 5.8°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
ICP Metals	6010B	1
Mercury	7471A	1
Percent Moisture	ASTM D2216	2

1) Test Methods for Evaluation Solid Wastes, SW-846 Third Edition, Final Update III, December 1996.

2) ASTM

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report Package and are also included in the raw data.

RAW DATA

The raw data is organized in the New York State Department of Environmental Conservation Analytical Services Protocol Catagory "B" order of data requirements.

Total # of pages in this report_____

Trace Metals Case Narrative

Client ID:	EA
Project/Order:	Tract II
Work Order:	0907072
Methodology:	ICP metals – SW6010B

Analyzed/Reviewed by (Date/Initials): 7·30·09 MG

Supervisor/Reviewed by (Date/Initials): 7·30·09 MG

QA/QC Review (Date/Initials): 7/30/09 YK

Trace Metals

Holding Times
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements.

Laboratory Control Sample
All spike recoveries met method and/or project specific QC criteria.

MS/MSD AND MS/MSD RPD
The following analytes did not meet matrix spike/matrix spike duplicate percent recovery and MS/MSD RPD criteria:

Sample Description	Sample #	Analyte	% REC	RPD	Corrective Action
TP-26-2	0907072-001A	Pb	X		2
TP-31-4	0907072-019A	As,Ag	X		1
		Ba	X		2
		Pb	X	X	2
TP-38-5	0907072-038A	Pb	X		2

1. A post-digestion spike was performed as required. No further corrective action was taken.

2. The concentration of the analyte in the sample was four times greater than the concentration of the spike added. A post-digestion spike was performed as required. No further corrective action was taken.

ICP Serial Dilution
The following analyte did not meet ICP serial dilution recovery criteria:

Sample Description	Sample #	Analyte	Corrective Action
TP-31-4	0907072-019A	Cr	1
TP-38-5	0907072-038A	Cr	1

1. A post digestion spike was performed as required. No further corrective action was taken.

Client ID:	EA
Project/Order:	Tract II
Work Order:	0907072
Methodology:	ICP metals – SW6010B

Calibrations
All calibrations and calibration verifications met method and/or project specific QC criteria.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Miscellaneous
Several samples were diluted and reanalyzed for elements above the linear range and /or their associated interelement correction factors (IEC) elements.

Trace Metals Case Narrative

Client ID:	EA
Project/Order:	Tract II
Work Order #:	0907072
Methodology:	Mercury – SW 7470A / SW7471A

Analyzed/Reviewed by (Date/Initials): 7-29-09 mt

Supervisor/Reviewed by (Date/Initials): 7-29-09 mt

QA/QC Review (Date/Initials): 7/30/09 SLW

Trace Metals

Holding Times
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements.

Laboratory Control Sample
All spike recoveries met method and/or project specific QC criteria.

MS/MSD AND MS/MSD RPD
The following analyte did not meet matrix spike/matrix spike duplicate percent recovery and/or MS/MSD RPD criteria:

Sample Description	Sample #	Analyte	% REC	RPD	Corrective Action
TP-26-2	0907072-001A	Hg	X	X	1

1. The recovery test met QC criteria. No further corrective action was taken.

CVAA Dilution Test
All percent differences met method and/or project specific QC criteria.

CVAA Recovery Test
All spike recoveries met method and/or project specific QC criteria.

Calibrations
All calibrations and calibration verifications met method and/or project specific QC criteria.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Life Science Laboratories, Inc.

Date: *03-Aug-09*

CLIENT: EA Engineering Science and Technology
Project: Tract II
Lab Order: 0907072

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0907072-001A	TP-26-2		7/15/2009	7/16/2009
0907072-002A	TP-26-3		7/15/2009	7/16/2009
0907072-003A	TP-26-4		7/15/2009	7/16/2009
0907072-004A	TP-26-5		7/15/2009	7/16/2009
0907072-005A	TP-26-6		7/15/2009	7/16/2009
0907072-006A	TP-27-2		7/15/2009	7/16/2009
0907072-007A	TP-27-3		7/15/2009	7/16/2009
0907072-008A	TP-27-4		7/15/2009	7/16/2009
0907072-009A	TP-27-6		7/15/2009	7/16/2009
0907072-010A	TP-28-2		7/15/2009	7/16/2009
0907072-011A	TP-28-3		7/15/2009	7/16/2009
0907072-012A	TP-29-2		7/15/2009	7/16/2009
0907072-013A	TP-30-2		7/15/2009	7/16/2009
0907072-014A	TP-30-3		7/15/2009	7/16/2009
0907072-015A	TP-30-4		7/15/2009	7/16/2009
0907072-016A	TP-30-5		7/15/2009	7/16/2009
0907072-017A	TP-31-2		7/15/2009	7/16/2009
0907072-018A	TP-31-3		7/15/2009	7/16/2009
0907072-019A	TP-31-4		7/15/2009	7/16/2009
0907072-020A	TP-32-2		7/15/2009	7/16/2009
0907072-021A	TP-33-2		7/15/2009	7/16/2009
0907072-022A	TP-33-3		7/15/2009	7/16/2009
0907072-023A	TP-34-2		7/15/2009	7/16/2009
0907072-024A	TP-34-3		7/15/2009	7/16/2009
0907072-025A	TP-34-4		7/15/2009	7/16/2009
0907072-026A	TP-34-5		7/15/2009	7/16/2009
0907072-027A	TP-36-2		7/15/2009	7/16/2009
0907072-028A	TP-36-3		7/15/2009	7/16/2009
0907072-029A	TP-36-4		7/15/2009	7/16/2009
0907072-030A	TP-36-5		7/15/2009	7/16/2009
0907072-031A	TP-37-2		7/15/2009	7/16/2009
0907072-032A	TP-37-3		7/15/2009	7/16/2009
0907072-033A	TP-37-5		7/15/2009	7/16/2009
0907072-034A	TP-37-6		7/15/2009	7/16/2009
0907072-035A	TP-38-2		7/15/2009	7/16/2009
0907072-036A	TP-38-3		7/15/2009	7/16/2009
0907072-037A	TP-38-4		7/15/2009	7/16/2009
0907072-038A	TP-38-5		7/15/2009	7/16/2009

CLIENT:	EA Engineering Science and Technology
Project:	Tract II
Lab Order:	0907072

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0907072-039A	TP-38-6		7/15/2009	7/16/2009
0907072-040A	TP-39-2		7/15/2009	7/16/2009
0907072-041A	TP-39-3		7/15/2009	7/16/2009
0907072-042A	TP-39-4		7/15/2009	7/16/2009
0907072-043A	TP-39-5		7/15/2009	7/16/2009
0907072-044A	TP-39-6		7/15/2009	7/16/2009
0907072-045A	TP-39-7		7/15/2009	7/16/2009
0907072-046A	TP-39-8		7/15/2009	7/16/2009
0907072-047A	TP-39-9		7/15/2009	7/16/2009
0907072-048A	TP-40-2		7/15/2009	7/16/2009
0907072-049A	TP-40-3		7/15/2009	7/16/2009
0907072-050A	TP-40-4		7/15/2009	7/16/2009
0907072-051A	TP-40-5		7/15/2009	7/16/2009
0907072-052A	TP-40-6		7/15/2009	7/16/2009
0907072-053A	TP-40-7		7/15/2009	7/16/2009
0907072-054A	TP-40-8		7/15/2009	7/16/2009
0907072-055A	TP-DUP		7/15/2009	7/16/2009
0907072-056A	TP-Rinsate		7/15/2009	7/16/2009

Chain of Custody

External Chain of Custody

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EA Science & Technology
Project: TRACK II
Sampled by: SAB / JV
Client Contact: Judy Graham Phone # 431 4610

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: RCRA Metals							Comments
TP-26-2	7/15/09	0900	Soil	GRAB	1	X							
TP-26-3	7/15/09	1700	Soil	GRAB	1	X							
TP-26-4	7/15/09	0910	Soil	GRAB	1	X							
TP-26-5	7/15/09	0915	Soil	GRAB	1	X							
TP-26-6	7/15/09	0920	Soil	GRAB	1	X							
TP-27-2	7/15/09	0930	Soil	GRAB	1	X							
TP-27-3	7/15/09	0935	Soil	GRAB	1	X							
TP-27-4	7/15/09	0940	Soil	Grab	1	X							
TP-27-6	7/15/09	0945	Soil	Grab	1	X							
TP-27-7	7/15/09	0950	Soil	Grab	1	X							
TP-28-2	7/15/09	1006	Soil	Grab	1	X							
TP-28-3	7/15/09	1011	Soil	Grab	1	X							

Relinquished by:	Date: 7/16/09 Time: 0950	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by Lab:	Date: 7/16/09 Time: 0950
Shipment Method:		Airbill Number:	

Turnaround Time Required:
Routine ✓
Rush (Specify)

Temperature: 2.4°, 5.8°, 2.6°, 3.2°C ON ICE

Comments:
* Please Keep Samples for later TCLP Analysis - (Judy Graham will contact you later) 431-4610

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Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.
Brittonfield Lab

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East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EA Science & Technology
Project: TRACK II
Sampled by: SAB/JW
Client Contact: Judy Graham Phone # 431 4610

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: TCLP Metals	Comments
TP-29-2	7/15/09	1030	Soil	Grab	1	X	
TP-30-2	7/15/09	1044	Soil	Grab	1	X	
TP-30-3	7/15/09	1046	Soil	Grab	1	X	
TP-30-4	7/15/09	1049	Soil	Grab	1	X	
TP-30-5	7/15/09	1051	Soil	Grab	1	X	
TP-31-2	7/15/09	1109	Soil	Grab	1	X	
TP-31-3	7/15/09	1112	Soil	Grab	1	X	
TP-31-4	7/15/09	1115	Soil	Grab	1	X	
TP-32-2	7/15/09	1125	Soil	Grab	1	X	
TP-33-2	7/15/09	1145	Soil	Grab	1	X	
TP-33-3	7/15/09	1150	Soil	Grab	1	X	
TP-34-2	7/15/09	1240	Soil	Grab	1	X	

Relinquished by:	Date: 7/16/09 Time: 0950	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by Lab:	Date: 7/16/09 Time: 0950
Shipment Method:		Airbill Number:	

Turnaround Time Required:
Routine ✓
Rush (Specify)
Temperature:

Comments:
Please keep samples for TCLP - Judy Graham will Contact later

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Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.
Brittonfield Lab

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Chain of Custody

Client: EA Science & Technology
Project: TRACK-IT
Sampled by: SAB / JV
Client Contact: Judy Graham Phone # 431 4610

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: PCBs Metals	Comments
TP-34-3	7/5/09	1244	Soil	Grab	1	X	
TP-34-4	7/5/09	1246	Soil	Grab	1	X	
TP-34-5	7/5/09	1248	Soil	Grab	1	X	
[redacted] TP-36-2	7/5/09	1312	Soil	Grab	1	X	
TP-36-3	7/5/09	1315	Soil	Grab	1	X	
TP-37-2	7/5/09	1350	Soil	Grab	1	X	
TP-37-3	7/5/09	1352	Soil	Grab	1	X	
[redacted]	[redacted]					X	
TP-37-5	7/5/09	1356	Soil	Grab	1	X	
TP-37-6	7/5/09	1359	Soil	Grab	1	X	
TP-38-2	7/5/09	1410	Soil	Grab	1	X	
TP-38-3	7/5/09	1415	Soil	Grab	1	X	

Relinquished by:	Date: 7/6/09 Time: 0950	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by Lab:	Date: 7/6/09 Time: 0950
Shipment Method:		Airbill Number:	

Turnaround Time Required:
Routine
Rush (Specify)
Temperature:

Comments:
Please keep samples for TCLP
Judy Graham will contact later

210

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EA Science & Technology
Project: TRACKIT
Sampled by: SB / JV
Client Contact: Judy Graham Phone # 431 4610

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: RCRA Metals	Comments
TP-38-4	7/15/09	1417	Soil	Grab	1	X	
TP-38-5	7/15/09	1420	Soil	Grab	1	X	
TP-38-6	7/15/09	1424	Soil	Grab	1	X	
TP-39-2	7/15/09	1434	Soil	Grab	1	X	
TP-39-3	7/15/09	1436	Soil	Grab	1	X	
TP-39-4	7/15/09	1439	Soil	Grab	1	X	
TP-39-5	7/15/09	1444	Soil	Grab	1	X	
TP-39-6	7/15/09	1449	Soil	Grab	1	X	
TP-39-7	7/15/09	1455	Soil	Grab	1	X	
TP-39-8	7/15/09	1459	Soil	Grab	1	X	
TP-39-9	7/15/09	1501	Soil	Grab	1	X	
TP-40-2	7/15/09	1520	Soil	Grab	1	X	

Relinquished by:	Date: 7/16/09 Time: 0950	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by Lab:	Date: 7/16/09 Time: 0950
Shipment Method:		Airbill Number:	

Turnaround Time Required:
Routine ✓
Rush (Specify)
Temperature:

Comments:
Please keep samples for TCLP
Judy Graham will contact lab

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Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.
Brittonfield Lab

5000 Brittonfield Parkway, Suite 200
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

Client: EA Science & Technology
Project: ~~TRACK II~~
Sampled by: SNB/JV
Client Contact: Judy Graham Phone # 437 4610

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: RCRA Metals	Comments
TP-40-3	7/15/09	1524	Soil	Grab	1	X	
TP-40-4	7/15/09	1526	Soil	Grab	1	X	
TP-40-5	7/15/09	1530	Soil	Grab	1	X	
TP-40-6	7/15/09	1532	Soil	grab	1	X	
TP-40-7	7/15/09	1537	Soil	grab	1	X	
TP-40-8	7/15/09	1541	Soil	grab	1	X	
TP-26-2-MS	7/15/09	1700	Soil	grab	1	X	
TP-26-2-MSD	7/15/09	1700	Soil	grab	1	X	
TP-DUP	7/15/09	—	Soil	grab	1	X	

Relinquished by:	Date: 7/16/09 Time: 0750	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by Lab:	Date: 7/16/09 Time: 0950
Shipment Method:		Airbill Number:	

Turnaround Time Required:
Routine ✓
Rush (Specify)

Temperature: ~~2.7, 5.8, 2.6~~ 3.2°C on ice

Comments:
Please keep Samples for future TCLP Analysis
Judy Graham will Contact later

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Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **EA**

Date and Time Received: **7/16/2009 9:50:00 AM**

Work Order Number: **0907072**

Received by: ads

Checklist completed by: AS 7-16-09 (Initials / Date)

Reviewed by: [illegible] 7-16-09 (Initials / Date)

Delivery Method: Hand Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Applicable ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☐	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

pH	Preservative	pH Acceptable	Sample ID	Volume of Preservative added in Lab.
>12	NaOH	Yes ☐ N ☐ NA ☑		
<2	HNO3	Yes ☑ N ☐ NA ☐		
<2	HSO4	Yes ☐ N ☐ NA ☑		
<2	1:1 HCL	Yes ☐ N ☐ NA ☑		
5-9	Pest/PCBs (608/8081)	Yes ☐ N ☐ NA ☑		

Comments:

Sample "TP-27-7" was listed on COC but not received. Samples "TP-36-4" and "TP-36-5" received but not listed on COC. Also received a Rinsate Blank, not listed.

Corrective Action:

TP-27-7 not logged in. Other samples (above) logged in. Notified Judy Graham on 7/16/2009.

Client/Project EA TRACT II

Sample Control Record

Sample ID	Frac	Client Sample ID	Removed By	Date and Time Removed	Analysis	Date and Time Returned
0907072-001-055	A		JK	7/17/09 8:55	PMOIST	7/17/09 12:05
0907072-001-037	A		C. Tran	7/20/09 10:00	3050B/7471A	7/20/09 16:00
CT 7/22/09 0907072-056 ~~0907088-007~~	A B		C. Tran	7/22/09 9:00	7470A	7/22/09 10:00
0907072-038→055	A		C Tran	7/23/09 9:15	3050B/7471A	7/23/09 12:30
0907072-056	A		PR	7/28/09 10:30	3005A	7/23/09 12:30

Anthony Crescenzi

From: Anthony Crescenzi
Sent: Thursday, July 16, 2009 1:25 PM
To: 'Graham, Judith'
Subject: Tract II soils
Attachments: 0907072_coc-1.pdf

Judy,

We received the tract II metals today. Please note that sample TP-27-7 was listed on the COC but was not received. Samples TP-36-4, TP-36-5 and the Rinse Blank were received but not listed on the COC. This has been documented in the Sample Receipt Checklist. See the attached Sample Receipt Checklist and COCs. All the samples received have been logged in for analysis.

Also, one MS/MSD has been designated on the COC. Did you intend to have one MS/MSD per 20 samples?

Thank you,
Tony

Anthony Crescenzi
Project Manager
Life Science Laboratories, Inc. - Brittonfield Lab
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057
Telephone: 315-437-0200 x2558
Facsimile: 315-437-0377
E-Mail: Crescenzia@lsl-inc.com

Internal Chain of Custody

ICP METALS SAMPLE CONTROL LOG

QC Batch # : 9759 Date Digested : 7/23/09

Client / Job Number	Laboratory Sample Number Range	Laboratory Sample Numbers Removed	Removed By	Date Removed	Time Removed	Time Returned
EA	0907072-001A → 018A	← Same	C. Tran	7/24/09	9:30	16:00
		0907072-004A, 005A, 007A-009A	↓	7/27/09	10:00	16:00

ICP METALS SAMPLE CONTROL LOG

QC Batch # : 9760 Date Digested : 7/23/09

Client / Job Number	Laboratory Sample Number Range	Laboratory Sample Numbers Removed	Removed By	Date Removed	Time Removed	Time Returned
EA	0907072-019A → 037A	← same	C. Tran	7/24/09	9:30	16:00
		0907072-019A, 034A, 037A	↓	7/27/09	10:00	16:00

ICP METALS SAMPLE CONTROL LOG

QC Batch # : 9762 Date Digested : 7/24/09

Client / Job Number	Laboratory Sample Number Range	Laboratory Sample Numbers Removed	Removed By	Date Removed	Time Removed	Time Returned
EA	0907072-078A → 055A	← Same	C. Tran	7/27/09	10:00	16:00

ICP METALS SAMPLE CONTROL LOG

QC Batch # : 9788 Date Digested : 7/28/09

Client / Job Number	Laboratory Sample Number Range	Laboratory Sample Numbers Removed	Removed By	Date Removed	Time Removed	Time Returned
EA	0907072-056A	← Same	C. Tran	7/28/09	15:30	16:30

Raw Data

Trace Metals Data

ANALYTICAL RESULTS

Life Science Laboratories, Inc.
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East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-001A**
Project:	Tract II	**Client Sample ID:**	*TP-26-2*
W Order:	0907072	**Collection Date:**	07/15/09 9:00
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 18.0	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4809
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	8.0		1.2	0.49	mg/Kg-dry	1	07/24/09 10:39
Barium	310		12	0.24	mg/Kg-dry	1	07/24/09 10:39
Cadmium	0.77	J	1.2	0.12	mg/Kg-dry	1	07/24/09 10:39
Chromium	27		1.2	0.24	mg/Kg-dry	1	07/24/09 10:39
Lead	870		1.2	0.49	mg/Kg-dry	1	07/24/09 10:39
Selenium	1.0	J	1.2	0.30	mg/Kg-dry	1	07/24/09 10:39
Silver	ND		1.2	0.24	mg/Kg-dry	1	07/24/09 10:39

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-002A**
Project:	Tract II	**Client Sample ID:**	*TP-26-3*
W Order:	0907072	**Collection Date:**	07/15/09 17:00
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 23.2	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4817
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	9.6		1.3	0.52	mg/Kg-dry	1	07/24/09 11:10
Barium	330		13	0.26	mg/Kg-dry	1	07/24/09 11:10
Cadmium	3.0		1.3	0.13	mg/Kg-dry	1	07/24/09 11:10
Chromium	19		1.3	0.26	mg/Kg-dry	1	07/24/09 11:10
Lead	2400		1.3	0.52	mg/Kg-dry	1	07/24/09 11:10
Selenium	1.7		1.3	0.33	mg/Kg-dry	1	07/24/09 11:10
Silver	ND		1.3	0.26	mg/Kg-dry	1	07/24/09 11:10

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-003A**
Project:	Tract II	**Client Sample ID:**	***TP-26-4***
W Order:	0907072	**Collection Date:**	07/15/09 9:10
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 23.7	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4818
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	28		1.3	0.52	mg/Kg-dry	1	07/24/09 11:14
Barium	300		13	0.26	mg/Kg-dry	1	07/24/09 11:14
Cadmium	0.34	J	1.3	0.13	mg/Kg-dry	1	07/24/09 11:14
Chromium	16		1.3	0.26	mg/Kg-dry	1	07/24/09 11:14
Lead	7400		1.3	0.52	mg/Kg-dry	1	07/24/09 11:14
Selenium	3.2		1.3	0.33	mg/Kg-dry	1	07/24/09 11:14
Silver	ND		1.3	0.26	mg/Kg-dry	1	07/24/09 11:14

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-004A**
Project:	Tract II	**Client Sample ID:**	***TP-26-5***
W Order:	0907072	**Collection Date:**	07/15/09 9:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 15.9	**BatchNo:** 9759/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5006
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	72		12	4.8	mg/Kg-dry	10	07/27/09 12:32
Barium	1100		120	2.4	mg/Kg-dry	10	07/27/09 12:32
Cadmium	6.0	J	12	1.2	mg/Kg-dry	10	07/27/09 12:32
Chromium	200		12	2.4	mg/Kg-dry	10	07/27/09 12:32
Lead	110000		12	4.8	mg/Kg-dry	10	07/27/09 12:32
Selenium	ND		12	3.0	mg/Kg-dry	10	07/27/09 12:32
Silver	9.5	J	12	2.4	mg/Kg-dry	10	07/27/09 12:32

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-005A**
Project:	Tract II	**Client Sample ID:**	***TP-26-6***
W Order:	0907072	**Collection Date:**	07/15/09 9:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 25.5	**BatchNo:** 9759/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5007
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	190		13	5.4	mg/Kg-dry	10	07/27/09 12:36
Barium	1300		130	2.7	mg/Kg-dry	10	07/27/09 12:36
Cadmium	25		13	1.3	mg/Kg-dry	10	07/27/09 12:36
Chromium	97		13	2.7	mg/Kg-dry	10	07/27/09 12:36
Lead	140000		13	5.4	mg/Kg-dry	10	07/27/09 12:36
Selenium	16		13	3.4	mg/Kg-dry	10	07/27/09 12:36
Silver	19		13	2.7	mg/Kg-dry	10	07/27/09 12:36

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-006A**
Project:	Tract II	**Client Sample ID:**	*TP-27-2*
W Order:	0907072	**Collection Date:**	07/15/09 9:30
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 9.4	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4821
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	9.2		1.1	0.44	mg/Kg-dry	1	07/24/09 11:25
Barium	220		11	0.22	mg/Kg-dry	1	07/24/09 11:25
Cadmium	1.8		1.1	0.11	mg/Kg-dry	1	07/24/09 11:25
Chromium	110		1.1	0.22	mg/Kg-dry	1	07/24/09 11:25
Lead	2800		1.1	0.44	mg/Kg-dry	1	07/24/09 11:25
Selenium	0.78	J	1.1	0.28	mg/Kg-dry	1	07/24/09 11:25
Silver	7.0		1.1	0.22	mg/Kg-dry	1	07/24/09 11:25

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-007A**
Project:	Tract II	**Client Sample ID:**	*TP-27-3*
W Order:	0907072	**Collection Date:**	07/15/09 9:35
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 19.5	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4822
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	170		1.2	0.50	mg/Kg-dry	1	07/24/09 11:29
Barium	730		12	0.25	mg/Kg-dry	1	07/24/09 11:29
Cadmium	2.1		1.2	0.12	mg/Kg-dry	1	07/24/09 11:29
Chromium	99		1.2	0.25	mg/Kg-dry	1	07/24/09 11:29
Lead	43000	E	1.2	0.50	mg/Kg-dry	1	07/24/09 11:29
Selenium	2.2		1.2	0.31	mg/Kg-dry	1	07/24/09 11:29
Silver	2.3		1.2	0.25	mg/Kg-dry	1	07/24/09 11:29

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-007ADL**
Project:	Tract II	**Client Sample ID:**	*TP-27-3*
W Order:	0907072	**Collection Date:**	07/15/09 9:35
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 19.5	**BatchNo:** 9759/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5008
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	46000		6.2	2.5	mg/Kg-dry	5	07/27/09 12:40

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-008A**
Project:	Tract II	**Client Sample ID:**	***TP-27-4***
W Order:	0907072	**Collection Date:**	07/15/09 9:40
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 18.1	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4823
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	22		1.2	0.49	mg/Kg-dry	1	07/24/09 11:33
Barium	1500	E	12	0.24	mg/Kg-dry	1	07/24/09 11:33
Cadmium	1.9		1.2	0.12	mg/Kg-dry	1	07/24/09 11:33
Chromium	30		1.2	0.24	mg/Kg-dry	1	07/24/09 11:33
Lead	12000		1.2	0.49	mg/Kg-dry	1	07/24/09 11:33
Selenium	2.0		1.2	0.31	mg/Kg-dry	1	07/24/09 11:33
Silver	0.41	J	1.2	0.24	mg/Kg-dry	1	07/24/09 11:33

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-008ADL**
Project:	Tract II	**Client Sample ID:**	*TP-27-4*
W Order:	0907072	**Collection Date:**	07/15/09 9:40
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 18.1	**BatchNo:** 9759/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5012
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Barium	1700		61	1.2	mg/Kg-dry	5	07/27/09 12:55

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-009A**
Project:	Tract II	**Client Sample ID:**	***TP-27-6***
W Order:	0907072	**Collection Date:**	07/15/09 9:45
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 29.8	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4824
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	130		1.4	0.57	mg/Kg-dry	1	07/24/09 11:36
Barium	220		14	0.28	mg/Kg-dry	1	07/24/09 11:36
Cadmium	5.2		1.4	0.14	mg/Kg-dry	1	07/24/09 11:36
Chromium	22		1.4	0.28	mg/Kg-dry	1	07/24/09 11:36
Lead	100000	E	1.4	0.57	mg/Kg-dry	1	07/24/09 11:36
Selenium	1.0	J	1.4	0.36	mg/Kg-dry	1	07/24/09 11:36
Silver	3.0		1.4	0.28	mg/Kg-dry	1	07/24/09 11:36

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-009ADL**
Project:	Tract II	**Client Sample ID:**	*TP-27-6*
W Order:	0907072	**Collection Date:**	07/15/09 9:45
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 29.8	**BatchNo:** 9759/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5013
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	110000		7.1	2.8	mg/Kg-dry	5	07/27/09 12:59

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-010A**
Project:	Tract II	**Client Sample ID:**	*TP-28-2*
W Order:	0907072	**Collection Date:**	07/15/09 10:06
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 21.4	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4828
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	37		1.3	0.51	mg/Kg-dry	1	07/24/09 11:51
Barium	310		13	0.25	mg/Kg-dry	1	07/24/09 11:51
Cadmium	1.8		1.3	0.13	mg/Kg-dry	1	07/24/09 11:51
Chromium	54		1.3	0.25	mg/Kg-dry	1	07/24/09 11:51
Lead	870		1.3	0.51	mg/Kg-dry	1	07/24/09 11:51
Selenium	1.5		1.3	0.32	mg/Kg-dry	1	07/24/09 11:51
Silver	0.95	J	1.3	0.25	mg/Kg-dry	1	07/24/09 11:51

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-011A**
Project:	Tract II	**Client Sample ID:**	***TP-28-3***
W Order:	0907072	**Collection Date:**	07/15/09 10:11
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 20.3	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4829
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	79		1.3	0.50	mg/Kg-dry	1	07/24/09 11:55
Barium	500		13	0.25	mg/Kg-dry	1	07/24/09 11:55
Cadmium	1.7		1.3	0.13	mg/Kg-dry	1	07/24/09 11:55
Chromium	64		1.3	0.25	mg/Kg-dry	1	07/24/09 11:55
Lead	1200		1.3	0.50	mg/Kg-dry	1	07/24/09 11:55
Selenium	1.8		1.3	0.31	mg/Kg-dry	1	07/24/09 11:55
Silver	1.8		1.3	0.25	mg/Kg-dry	1	07/24/09 11:55

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-012A**
Project:	Tract II	**Client Sample ID:**	***TP-29-2***
W Order:	0907072	**Collection Date:**	07/15/09 10:30
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 21.1	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4830
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	27		1.3	0.51	mg/Kg-dry	1	07/24/09 11:59
Barium	690		13	0.25	mg/Kg-dry	1	07/24/09 11:59
Cadmium	1.6		1.3	0.13	mg/Kg-dry	1	07/24/09 11:59
Chromium	70		1.3	0.25	mg/Kg-dry	1	07/24/09 11:59
Lead	2000		1.3	0.51	mg/Kg-dry	1	07/24/09 11:59
Selenium	9.2		1.3	0.32	mg/Kg-dry	1	07/24/09 11:59
Silver	0.32	J	1.3	0.25	mg/Kg-dry	1	07/24/09 11:59

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-013A**
Project:	Tract II	**Client Sample ID:**	***TP-30-2***
W Order:	0907072	**Collection Date:**	07/15/09 10:44
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 17.4	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4831
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	16		1.2	0.48	mg/Kg-dry	1	07/24/09 12:02
Barium	220		12	0.24	mg/Kg-dry	1	07/24/09 12:02
Cadmium	0.62	J	1.2	0.12	mg/Kg-dry	1	07/24/09 12:02
Chromium	22		1.2	0.24	mg/Kg-dry	1	07/24/09 12:02
Lead	6100		1.2	0.48	mg/Kg-dry	1	07/24/09 12:02
Selenium	3.0		1.2	0.30	mg/Kg-dry	1	07/24/09 12:02
Silver	0.27	J	1.2	0.24	mg/Kg-dry	1	07/24/09 12:02

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-014A**
Project:	Tract II	**Client Sample ID:**	***TP-30-3***
W Order:	0907072	**Collection Date:**	07/15/09 10:46
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 30.8	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4832
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	9.2		1.4	0.58	mg/Kg-dry	1	07/24/09 12:06
Barium	57		14	0.29	mg/Kg-dry	1	07/24/09 12:06
Cadmium	0.24	J	1.4	0.14	mg/Kg-dry	1	07/24/09 12:06
Chromium	12		1.4	0.29	mg/Kg-dry	1	07/24/09 12:06
Lead	1800		1.4	0.58	mg/Kg-dry	1	07/24/09 12:06
Selenium	1.6		1.4	0.36	mg/Kg-dry	1	07/24/09 12:06
Silver	ND		1.4	0.29	mg/Kg-dry	1	07/24/09 12:06

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-015A**
Project:	Tract II	**Client Sample ID:**	***TP-30-4***
W Order:	0907072	**Collection Date:**	07/15/09 10:49
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 14.7	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4833
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	17		1.2	0.47	mg/Kg-dry	1	07/24/09 12:10
Barium	140		12	0.23	mg/Kg-dry	1	07/24/09 12:10
Cadmium	1.2		1.2	0.12	mg/Kg-dry	1	07/24/09 12:10
Chromium	13		1.2	0.23	mg/Kg-dry	1	07/24/09 12:10
Lead	9000		1.2	0.47	mg/Kg-dry	1	07/24/09 12:10
Selenium	1.1	J	1.2	0.29	mg/Kg-dry	1	07/24/09 12:10
Silver	1.2	J	1.2	0.23	mg/Kg-dry	1	07/24/09 12:10

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-016A**
Project:	Tract II	**Client Sample ID:**	***TP-30-5***
W Order:	0907072	**Collection Date:**	07/15/09 10:51
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 26.2	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4834
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	12		1.4	0.54	mg/Kg-dry	1	07/24/09 12:14
Barium	860		14	0.27	mg/Kg-dry	1	07/24/09 12:14
Cadmium	1.5		1.4	0.14	mg/Kg-dry	1	07/24/09 12:14
Chromium	17		1.4	0.27	mg/Kg-dry	1	07/24/09 12:14
Lead	5600		1.4	0.54	mg/Kg-dry	1	07/24/09 12:14
Selenium	1.8		1.4	0.34	mg/Kg-dry	1	07/24/09 12:14
Silver	0.36	J	1.4	0.27	mg/Kg-dry	1	07/24/09 12:14

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-017A**
Project:	Tract II	**Client Sample ID:**	***TP-31-2***
W Order:	0907072	**Collection Date:**	07/15/09 11:09
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 15.3	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4835
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	14		1.2	0.47	mg/Kg-dry	1	07/24/09 12:17
Barium	300		12	0.24	mg/Kg-dry	1	07/24/09 12:17
Cadmium	1.9		1.2	0.12	mg/Kg-dry	1	07/24/09 12:17
Chromium	25		1.2	0.24	mg/Kg-dry	1	07/24/09 12:17
Lead	4300		1.2	0.47	mg/Kg-dry	1	07/24/09 12:17
Selenium	0.62	J	1.2	0.30	mg/Kg-dry	1	07/24/09 12:17
Silver	0.42	J	1.2	0.24	mg/Kg-dry	1	07/24/09 12:17

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-018A**
Project:	Tract II	**Client Sample ID:**	***TP-31-3***
W Order:	0907072	**Collection Date:**	07/15/09 11:12
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 15.3	**BatchNo:** 9759/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4836
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	14		1.2	0.47	mg/Kg-dry	1	07/24/09 12:21
Barium	83		12	0.24	mg/Kg-dry	1	07/24/09 12:21
Cadmium	0.20	J	1.2	0.12	mg/Kg-dry	1	07/24/09 12:21
Chromium	9.4		1.2	0.24	mg/Kg-dry	1	07/24/09 12:21
Lead	190		1.2	0.47	mg/Kg-dry	1	07/24/09 12:21
Selenium	1.2		1.2	0.30	mg/Kg-dry	1	07/24/09 12:21
Silver	ND		1.2	0.24	mg/Kg-dry	1	07/24/09 12:21

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-019A**
Project:	Tract II	**Client Sample ID:**	***TP-31-4***
W Order:	0907072	**Collection Date:**	07/15/09 11:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 19.6	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4842
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	98		1.2	0.50	mg/Kg-dry	1	07/24/09 12:55
Barium	210		12	0.25	mg/Kg-dry	1	07/24/09 12:55
Cadmium	2.0		1.2	0.12	mg/Kg-dry	1	07/24/09 12:55
Chromium	16		1.2	0.25	mg/Kg-dry	1	07/24/09 12:55
Lead	98000	E	1.2	0.50	mg/Kg-dry	1	07/24/09 12:55
Selenium	1.8		1.2	0.31	mg/Kg-dry	1	07/24/09 12:55
Silver	11		1.2	0.25	mg/Kg-dry	1	07/24/09 12:55

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-019ADL**
Project:	Tract II	**Client Sample ID:**	*TP-31-4*
W Order:	0907072	**Collection Date:**	07/15/09 11:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 19.6	**BatchNo:** 9760/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5014
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	99000		6.2	2.5	mg/Kg-dry	5	07/27/09 13:03

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-020A**
Project:	Tract II	**Client Sample ID:**	***TP-32-2***
W Order:	0907072	**Collection Date:**	07/15/09 11:25
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 14.2	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4845
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	11		1.2	0.47	mg/Kg-dry	1	07/24/09 13:06
Barium	230		12	0.23	mg/Kg-dry	1	07/24/09 13:06
Cadmium	0.81	J	1.2	0.12	mg/Kg-dry	1	07/24/09 13:06
Chromium	24		1.2	0.23	mg/Kg-dry	1	07/24/09 13:06
Lead	580		1.2	0.47	mg/Kg-dry	1	07/24/09 13:06
Selenium	0.79	J	1.2	0.29	mg/Kg-dry	1	07/24/09 13:06
Silver	ND		1.2	0.23	mg/Kg-dry	1	07/24/09 13:06

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-021A**
Project:	Tract II	**Client Sample ID:**	***TP-33-2***
W Order:	0907072	**Collection Date:**	07/15/09 11:45
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 26.3	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4846
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	37		1.4	0.54	mg/Kg-dry	1	07/24/09 13:10
Barium	590		14	0.27	mg/Kg-dry	1	07/24/09 13:10
Cadmium	4.7		1.4	0.14	mg/Kg-dry	1	07/24/09 13:10
Chromium	46		1.4	0.27	mg/Kg-dry	1	07/24/09 13:10
Lead	24000		1.4	0.54	mg/Kg-dry	1	07/24/09 13:10
Selenium	1.7		1.4	0.34	mg/Kg-dry	1	07/24/09 13:10
Silver	1.2	J	1.4	0.27	mg/Kg-dry	1	07/24/09 13:10

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-022A**
Project:	Tract II	**Client Sample ID:**	***TP-33-3***
W Order:	0907072	**Collection Date:**	07/15/09 11:50
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 20.5	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4847
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	8.8		1.3	0.50	mg/Kg-dry	1	07/24/09 13:14
Barium	170		13	0.25	mg/Kg-dry	1	07/24/09 13:14
Cadmium	0.75	J	1.3	0.13	mg/Kg-dry	1	07/24/09 13:14
Chromium	12		1.3	0.25	mg/Kg-dry	1	07/24/09 13:14
Lead	5200		1.3	0.50	mg/Kg-dry	1	07/24/09 13:14
Selenium	0.82	J	1.3	0.31	mg/Kg-dry	1	07/24/09 13:14
Silver	0.26	J	1.3	0.25	mg/Kg-dry	1	07/24/09 13:14

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-023A**
Project:	Tract II	**Client Sample ID:**	***TP-34-2***
W Order:	0907072	**Collection Date:**	07/15/09 12:40
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 13.3	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4848
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	13		1.2	0.46	mg/Kg-dry	1	07/24/09 13:18
Barium	200		12	0.23	mg/Kg-dry	1	07/24/09 13:18
Cadmium	0.52	J	1.2	0.12	mg/Kg-dry	1	07/24/09 13:18
Chromium	17		1.2	0.23	mg/Kg-dry	1	07/24/09 13:18
Lead	9400		1.2	0.46	mg/Kg-dry	1	07/24/09 13:18
Selenium	1.1	J	1.2	0.29	mg/Kg-dry	1	07/24/09 13:18
Silver	0.89	J	1.2	0.23	mg/Kg-dry	1	07/24/09 13:18

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-024A**
Project:	Tract II	**Client Sample ID:**	***TP-34-3***
W Order:	0907072	**Collection Date:**	07/15/09 12:44
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 15.1	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4849
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	13		1.2	0.47	mg/Kg-dry	1	07/24/09 13:22
Barium	110		12	0.24	mg/Kg-dry	1	07/24/09 13:22
Cadmium	0.32	J	1.2	0.12	mg/Kg-dry	1	07/24/09 13:22
Chromium	6.9		1.2	0.24	mg/Kg-dry	1	07/24/09 13:22
Lead	1900		1.2	0.47	mg/Kg-dry	1	07/24/09 13:22
Selenium	1.4		1.2	0.29	mg/Kg-dry	1	07/24/09 13:22
Silver	ND		1.2	0.24	mg/Kg-dry	1	07/24/09 13:22

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-025A**
Project:	Tract II	**Client Sample ID:**	***TP-34-4***
W Order:	0907072	**Collection Date:**	07/15/09 12:46
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 13.9	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4850
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	6.9		1.2	0.46	mg/Kg-dry	1	07/24/09 13:26
Barium	56		12	0.23	mg/Kg-dry	1	07/24/09 13:26
Cadmium	0.17	J	1.2	0.12	mg/Kg-dry	1	07/24/09 13:26
Chromium	8.5		1.2	0.23	mg/Kg-dry	1	07/24/09 13:26
Lead	1300		1.2	0.46	mg/Kg-dry	1	07/24/09 13:26
Selenium	1.9		1.2	0.29	mg/Kg-dry	1	07/24/09 13:26
Silver	ND		1.2	0.23	mg/Kg-dry	1	07/24/09 13:26

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-026A**
Project:	Tract II	**Client Sample ID:**	***TP-34-5***
W Order:	0907072	**Collection Date:**	07/15/09 12:48
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 26.6	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4856
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	7.6		1.4	0.54	mg/Kg-dry	1	07/24/09 14:23
Barium	81		14	0.27	mg/Kg-dry	1	07/24/09 14:23
Cadmium	0.47	J	1.4	0.14	mg/Kg-dry	1	07/24/09 14:23
Chromium	9.9		1.4	0.27	mg/Kg-dry	1	07/24/09 14:23
Lead	2300		1.4	0.54	mg/Kg-dry	1	07/24/09 14:23
Selenium	1.9		1.4	0.34	mg/Kg-dry	1	07/24/09 14:23
Silver	ND		1.4	0.27	mg/Kg-dry	1	07/24/09 14:23

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-027A**
Project:	Tract II	**Client Sample ID:**	***TP-36-2***
W Order:	0907072	**Collection Date:**	07/15/09 13:12
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 10.4	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4857
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	25		1.1	0.45	mg/Kg-dry	1	07/24/09 14:27
Barium	130		11	0.22	mg/Kg-dry	1	07/24/09 14:27
Cadmium	0.51	J	1.1	0.11	mg/Kg-dry	1	07/24/09 14:27
Chromium	14		1.1	0.22	mg/Kg-dry	1	07/24/09 14:27
Lead	1500		1.1	0.45	mg/Kg-dry	1	07/24/09 14:27
Selenium	1.3		1.1	0.28	mg/Kg-dry	1	07/24/09 14:27
Silver	ND		1.1	0.22	mg/Kg-dry	1	07/24/09 14:27

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-028A**
Project:	Tract II	**Client Sample ID:**	*TP-36-3*
W Order:	0907072	**Collection Date:**	07/15/09 13:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 17.3	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4858
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	38		1.2	0.48	mg/Kg-dry	1	07/24/09 14:31
Barium	100		12	0.24	mg/Kg-dry	1	07/24/09 14:31
Cadmium	0.44	J	1.2	0.12	mg/Kg-dry	1	07/24/09 14:31
Chromium	16		1.2	0.24	mg/Kg-dry	1	07/24/09 14:31
Lead	5100		1.2	0.48	mg/Kg-dry	1	07/24/09 14:31
Selenium	1.3		1.2	0.30	mg/Kg-dry	1	07/24/09 14:31
Silver	0.51	J	1.2	0.24	mg/Kg-dry	1	07/24/09 14:31

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-029A**
Project:	Tract II	**Client Sample ID:**	***TP-36-4***
W Order:	0907072	**Collection Date:**	07/15/09 13:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 13.8	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4859
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	42		1.2	0.46	mg/Kg-dry	1	07/24/09 14:35
Barium	99		12	0.23	mg/Kg-dry	1	07/24/09 14:35
Cadmium	0.36	J	1.2	0.12	mg/Kg-dry	1	07/24/09 14:35
Chromium	12		1.2	0.23	mg/Kg-dry	1	07/24/09 14:35
Lead	2700		1.2	0.46	mg/Kg-dry	1	07/24/09 14:35
Selenium	1.1	J	1.2	0.29	mg/Kg-dry	1	07/24/09 14:35
Silver	ND		1.2	0.23	mg/Kg-dry	1	07/24/09 14:35

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-030A**
Project:	Tract II	**Client Sample ID:**	***TP-36-5***
W Order:	0907072	**Collection Date:**	07/15/09 13:25
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 30.3	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4860
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	7.3		1.4	0.57	mg/Kg-dry	1	07/24/09 14:38
Barium	130		14	0.29	mg/Kg-dry	1	07/24/09 14:38
Cadmium	0.58	J	1.4	0.14	mg/Kg-dry	1	07/24/09 14:38
Chromium	18		1.4	0.29	mg/Kg-dry	1	07/24/09 14:38
Lead	540		1.4	0.57	mg/Kg-dry	1	07/24/09 14:38
Selenium	1.4	J	1.4	0.36	mg/Kg-dry	1	07/24/09 14:38
Silver	ND		1.4	0.29	mg/Kg-dry	1	07/24/09 14:38

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-031A**
Project:	Tract II	**Client Sample ID:**	*TP-37-2*
W Order:	0907072	**Collection Date:**	07/15/09 13:50
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 19.1	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4861
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	18		1.2	0.49	mg/Kg-dry	1	07/24/09 14:42
Barium	150		12	0.25	mg/Kg-dry	1	07/24/09 14:42
Cadmium	0.90	J	1.2	0.12	mg/Kg-dry	1	07/24/09 14:42
Chromium	51		1.2	0.25	mg/Kg-dry	1	07/24/09 14:42
Lead	2400		1.2	0.49	mg/Kg-dry	1	07/24/09 14:42
Selenium	1.8		1.2	0.31	mg/Kg-dry	1	07/24/09 14:42
Silver	0.43	J	1.2	0.25	mg/Kg-dry	1	07/24/09 14:42

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-032A**
Project:	Tract II	**Client Sample ID:**	*TP-37-3*
W Order:	0907072	**Collection Date:**	07/15/09 13:52
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 15.3	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4862
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	9.3		1.2	0.47	mg/Kg-dry	1	07/24/09 14:51
Barium	95		12	0.24	mg/Kg-dry	1	07/24/09 14:51
Cadmium	0.49	J	1.2	0.12	mg/Kg-dry	1	07/24/09 14:51
Chromium	30		1.2	0.24	mg/Kg-dry	1	07/24/09 14:51
Lead	10000		1.2	0.47	mg/Kg-dry	1	07/24/09 14:51
Selenium	1.0	J	1.2	0.30	mg/Kg-dry	1	07/24/09 14:51
Silver	0.80	J	1.2	0.24	mg/Kg-dry	1	07/24/09 14:51

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-033A**
Project:	Tract II	**Client Sample ID:**	***TP-37-5***
W Order:	0907072	**Collection Date:**	07/15/09 13:56
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 12.5	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4863
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	10		1.1	0.46	mg/Kg-dry	1	07/24/09 14:55
Barium	52		11	0.23	mg/Kg-dry	1	07/24/09 14:55
Cadmium	0.14	J	1.1	0.11	mg/Kg-dry	1	07/24/09 14:55
Chromium	15		1.1	0.23	mg/Kg-dry	1	07/24/09 14:55
Lead	2800		1.1	0.46	mg/Kg-dry	1	07/24/09 14:55
Selenium	1.2		1.1	0.29	mg/Kg-dry	1	07/24/09 14:55
Silver	ND		1.1	0.23	mg/Kg-dry	1	07/24/09 14:55

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-034A**
Project:	Tract II	**Client Sample ID:**	***TP-37-6***
W Order:	0907072	**Collection Date:**	07/15/09 13:59
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 29.5	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4867
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	6.9		1.4	0.57	mg/Kg-dry	1	07/24/09 15:10
Barium	78		14	0.28	mg/Kg-dry	1	07/24/09 15:10
Cadmium	0.61	J	1.4	0.14	mg/Kg-dry	1	07/24/09 15:10
Chromium	6.9		1.4	0.28	mg/Kg-dry	1	07/24/09 15:10
Lead	36000	E	1.4	0.57	mg/Kg-dry	1	07/24/09 15:10
Selenium	1.2	J	1.4	0.35	mg/Kg-dry	1	07/24/09 15:10
Silver	0.71	J	1.4	0.28	mg/Kg-dry	1	07/24/09 15:10

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-034ADL**
Project:	Tract II	**Client Sample ID:**	***TP-37-6***
W Order:	0907072	**Collection Date:**	07/15/09 13:59
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 29.5	**BatchNo:** 9760/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5019
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	37000		14	5.7	mg/Kg-dry	10	07/27/09 13:23

Qualifiers:	* Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-035A**
Project:	Tract II	**Client Sample ID:**	*TP-38-2*
W Order:	0907072	**Collection Date:**	07/15/09 14:10
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 21.8	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4868
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	11		1.3	0.51	mg/Kg-dry	1	07/24/09 15:14
Barium	630		13	0.26	mg/Kg-dry	1	07/24/09 15:14
Cadmium	2.5		1.3	0.13	mg/Kg-dry	1	07/24/09 15:14
Chromium	31		1.3	0.26	mg/Kg-dry	1	07/24/09 15:14
Lead	7500		1.3	0.51	mg/Kg-dry	1	07/24/09 15:14
Selenium	1.5		1.3	0.32	mg/Kg-dry	1	07/24/09 15:14
Silver	0.51	J	1.3	0.26	mg/Kg-dry	1	07/24/09 15:14

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-036A**
Project:	Tract II	**Client Sample ID:**	***TP-38-3***
W Order:	0907072	**Collection Date:**	07/15/09 14:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 10.6	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4869
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	17		1.1	0.45	mg/Kg-dry	1	07/24/09 15:18
Barium	300		11	0.22	mg/Kg-dry	1	07/24/09 15:18
Cadmium	1.5		1.1	0.11	mg/Kg-dry	1	07/24/09 15:18
Chromium	20		1.1	0.22	mg/Kg-dry	1	07/24/09 15:18
Lead	11000		1.1	0.45	mg/Kg-dry	1	07/24/09 15:18
Selenium	0.98	J	1.1	0.28	mg/Kg-dry	1	07/24/09 15:18
Silver	1.5		1.1	0.22	mg/Kg-dry	1	07/24/09 15:18

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-037A**
Project:	Tract II	**Client Sample ID:**	***TP-38-4***
W Order:	0907072	**Collection Date:**	07/15/09 14:17
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 14.7	**BatchNo:** 9760/R17922
Revision:	07/27/09 15:29	**TestCode:** 6010S	**FileID:** 1-SAMP-4870
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	23		1.2	0.47	mg/Kg-dry	1	07/24/09 15:22
Barium	430		12	0.23	mg/Kg-dry	1	07/24/09 15:22
Cadmium	6.3		1.2	0.12	mg/Kg-dry	1	07/24/09 15:22
Chromium	17		1.2	0.23	mg/Kg-dry	1	07/24/09 15:22
Lead	87000	E	1.2	0.47	mg/Kg-dry	1	07/24/09 15:22
Selenium	1.8		1.2	0.29	mg/Kg-dry	1	07/24/09 15:22
Silver	8.2		1.2	0.23	mg/Kg-dry	1	07/24/09 15:22

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-037ADL**
Project:	Tract II	**Client Sample ID:**	***TP-38-4***
W Order:	0907072	**Collection Date:**	07/15/09 14:17
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/23/09 0:00
ColumnID:		**%Moisture:** 14.7	**BatchNo:** 9760/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5020
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	92000		59	23	mg/Kg-dry	50	07/27/09 13:27

Qualifiers:	* Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-038A**
Project:	Tract II	**Client Sample ID:**	***TP-38-5***
W Order:	0907072	**Collection Date:**	07/15/09 14:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 32.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4978
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	28		1.5	0.59	mg/Kg-dry	1	07/27/09 10:37
Barium	230		15	0.30	mg/Kg-dry	1	07/27/09 10:37
Cadmium	4.1		1.5	0.15	mg/Kg-dry	1	07/27/09 10:37
Chromium	23		1.5	0.30	mg/Kg-dry	1	07/27/09 10:37
Lead	37000	E	1.5	0.59	mg/Kg-dry	1	07/27/09 10:37
Selenium	2.7		1.5	0.37	mg/Kg-dry	1	07/27/09 10:37
Silver	1.4	J	1.5	0.30	mg/Kg-dry	1	07/27/09 10:37

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-038ADL**
Project:	Tract II	**Client Sample ID:**	*TP-38-5*
W Order:	0907072	**Collection Date:**	07/15/09 14:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 32.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5024
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	37000		7.4	3.0	mg/Kg-dry	5	07/27/09 14:29

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-039A**
Project:	Tract II	**Client Sample ID:**	***TP-38-6***
W Order:	0907072	**Collection Date:**	07/15/09 14:24
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 17.7	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4986
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	16		1.2	0.49	mg/Kg-dry	1	07/27/09 11:08
Barium	240		12	0.24	mg/Kg-dry	1	07/27/09 11:08
Cadmium	1.7		1.2	0.12	mg/Kg-dry	1	07/27/09 11:08
Chromium	18		1.2	0.24	mg/Kg-dry	1	07/27/09 11:08
Lead	13000		1.2	0.49	mg/Kg-dry	1	07/27/09 11:08
Selenium	1.2	J	1.2	0.30	mg/Kg-dry	1	07/27/09 11:08
Silver	0.92	J	1.2	0.24	mg/Kg-dry	1	07/27/09 11:08

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-040A**
Project:	Tract II	**Client Sample ID:**	***TP-39-2***
W Order:	0907072	**Collection Date:**	07/15/09 14:34
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 13.8	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4987
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	12		1.2	0.46	mg/Kg-dry	1	07/27/09 11:12
Barium	140		12	0.23	mg/Kg-dry	1	07/27/09 11:12
Cadmium	0.52	J	1.2	0.12	mg/Kg-dry	1	07/27/09 11:12
Chromium	26		1.2	0.23	mg/Kg-dry	1	07/27/09 11:12
Lead	3700		1.2	0.46	mg/Kg-dry	1	07/27/09 11:12
Selenium	0.60	J	1.2	0.29	mg/Kg-dry	1	07/27/09 11:12
Silver	0.41	J	1.2	0.23	mg/Kg-dry	1	07/27/09 11:12

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-041A**
Project:	Tract II	**Client Sample ID:**	***TP-39-3***
W Order:	0907072	**Collection Date:**	07/15/09 14:36
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 14.9	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4988
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	21		1.2	0.47	mg/Kg-dry	1	07/27/09 11:16
Barium	750		12	0.24	mg/Kg-dry	1	07/27/09 11:16
Cadmium	1.9		1.2	0.12	mg/Kg-dry	1	07/27/09 11:16
Chromium	33		1.2	0.24	mg/Kg-dry	1	07/27/09 11:16
Lead	4200		1.2	0.47	mg/Kg-dry	1	07/27/09 11:16
Selenium	0.99	J	1.2	0.29	mg/Kg-dry	1	07/27/09 11:16
Silver	0.60	J	1.2	0.24	mg/Kg-dry	1	07/27/09 11:16

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-042A**
Project:	Tract II	**Client Sample ID:**	***TP-39-4***
W Order:	0907072	**Collection Date:**	07/15/09 14:39
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 14.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4989
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	11		1.2	0.47	mg/Kg-dry	1	07/27/09 11:20
Barium	780		12	0.23	mg/Kg-dry	1	07/27/09 11:20
Cadmium	2.0		1.2	0.12	mg/Kg-dry	1	07/27/09 11:20
Chromium	20		1.2	0.23	mg/Kg-dry	1	07/27/09 11:20
Lead	530		1.2	0.47	mg/Kg-dry	1	07/27/09 11:20
Selenium	0.44	J	1.2	0.29	mg/Kg-dry	1	07/27/09 11:20
Silver	0.27	J	1.2	0.23	mg/Kg-dry	1	07/27/09 11:20

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-043A**
Project:	Tract II	**Client Sample ID:**	***TP-39-5***
W Order:	0907072	**Collection Date:**	07/15/09 14:44
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 22.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4990
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	4.5		1.3	0.52	mg/Kg-dry	1	07/27/09 11:24
Barium	580		13	0.26	mg/Kg-dry	1	07/27/09 11:24
Cadmium	1.1	J	1.3	0.13	mg/Kg-dry	1	07/27/09 11:24
Chromium	22		1.3	0.26	mg/Kg-dry	1	07/27/09 11:24
Lead	240		1.3	0.52	mg/Kg-dry	1	07/27/09 11:24
Selenium	ND		1.3	0.32	mg/Kg-dry	1	07/27/09 11:24
Silver	ND		1.3	0.26	mg/Kg-dry	1	07/27/09 11:24

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-044A**
Project:	Tract II	**Client Sample ID:**	***TP-39-6***
W Order:	0907072	**Collection Date:**	07/15/09 14:49
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 14.3	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4991
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	20		1.2	0.47	mg/Kg-dry	1	07/27/09 11:34
Barium	410		12	0.23	mg/Kg-dry	1	07/27/09 11:34
Cadmium	1.4		1.2	0.12	mg/Kg-dry	1	07/27/09 11:34
Chromium	17		1.2	0.23	mg/Kg-dry	1	07/27/09 11:34
Lead	27000	E	1.2	0.47	mg/Kg-dry	1	07/27/09 11:34
Selenium	1.0	J	1.2	0.29	mg/Kg-dry	1	07/27/09 11:34
Silver	1.6		1.2	0.23	mg/Kg-dry	1	07/27/09 11:34

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-044ADL**
Project:	Tract II	**Client Sample ID:**	***TP-39-6***
W Order:	0907072	**Collection Date:**	07/15/09 14:49
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 14.3	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5029
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	28000		5.8	2.3	mg/Kg-dry	5	07/27/09 14:48

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-045A**
Project:	Tract II	**Client Sample ID:**	***TP-39-7***
W Order:	0907072	**Collection Date:**	07/15/09 14:55
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 17.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4992
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	22		1.2	0.48	mg/Kg-dry	1	07/27/09 11:37
Barium	480		12	0.24	mg/Kg-dry	1	07/27/09 11:37
Cadmium	5.8		1.2	0.12	mg/Kg-dry	1	07/27/09 11:37
Chromium	25		1.2	0.24	mg/Kg-dry	1	07/27/09 11:37
Lead	76000	E	1.2	0.48	mg/Kg-dry	1	07/27/09 11:37
Selenium	3.6		1.2	0.30	mg/Kg-dry	1	07/27/09 11:37
Silver	6.3		1.2	0.24	mg/Kg-dry	1	07/27/09 11:37

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-045ADL**
Project:	Tract II	**Client Sample ID:**	***TP-39-7***
W Order:	0907072	**Collection Date:**	07/15/09 14:55
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 17.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5030
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	77000		12	4.8	mg/Kg-dry	10	07/27/09 14:52

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-046A**
Project:	Tract II	**Client Sample ID:**	***TP-39-8***
W Order:	0907072	**Collection Date:**	07/15/09 14:59
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 15.9	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4993
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	7.3		1.2	0.48	mg/Kg-dry	1	07/27/09 11:41
Barium	150		12	0.24	mg/Kg-dry	1	07/27/09 11:41
Cadmium	4.7		1.2	0.12	mg/Kg-dry	1	07/27/09 11:41
Chromium	7.2		1.2	0.24	mg/Kg-dry	1	07/27/09 11:41
Lead	7300		1.2	0.48	mg/Kg-dry	1	07/27/09 11:41
Selenium	1.1	J	1.2	0.30	mg/Kg-dry	1	07/27/09 11:41
Silver	0.74	J	1.2	0.24	mg/Kg-dry	1	07/27/09 11:41

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-047A**
Project:	Tract II	**Client Sample ID:**	***TP-39-9***
W Order:	0907072	**Collection Date:**	07/15/09 15:01
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 38.2	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4994
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	2.5		1.6	0.65	mg/Kg-dry	1	07/27/09 11:45
Barium	120		16	0.32	mg/Kg-dry	1	07/27/09 11:45
Cadmium	0.72	J	1.6	0.16	mg/Kg-dry	1	07/27/09 11:45
Chromium	17		1.6	0.32	mg/Kg-dry	1	07/27/09 11:45
Lead	84		1.6	0.65	mg/Kg-dry	1	07/27/09 11:45
Selenium	1.4	J	1.6	0.40	mg/Kg-dry	1	07/27/09 11:45
Silver	ND		1.6	0.32	mg/Kg-dry	1	07/27/09 11:45

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-048A**
Project:	Tract II	**Client Sample ID:**	***TP-40-2***
W Order:	0907072	**Collection Date:**	07/15/09 15:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 13.8	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4995
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	22		1.2	0.46	mg/Kg-dry	1	07/27/09 11:49
Barium	880		12	0.23	mg/Kg-dry	1	07/27/09 11:49
Cadmium	2.4		1.2	0.12	mg/Kg-dry	1	07/27/09 11:49
Chromium	31		1.2	0.23	mg/Kg-dry	1	07/27/09 11:49
Lead	18000		1.2	0.46	mg/Kg-dry	1	07/27/09 11:49
Selenium	1.8		1.2	0.29	mg/Kg-dry	1	07/27/09 11:49
Silver	1.2		1.2	0.23	mg/Kg-dry	1	07/27/09 11:49

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-048ADL**
Project:	Tract II	**Client Sample ID:**	***TP-40-2***
W Order:	0907072	**Collection Date:**	07/15/09 15:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 13.8	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5031
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Selenium	ND		5.8	1.5	mg/Kg-dry	5	07/27/09 14:56

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-049A**
Project:	Tract II	**Client Sample ID:**	***TP-40-3***
W Order:	0907072	**Collection Date:**	07/15/09 15:24
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 18.1	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-4999
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	9.7		1.2	0.49	mg/Kg-dry	1	07/27/09 12:05
Barium	570		12	0.24	mg/Kg-dry	1	07/27/09 12:05
Cadmium	1.6		1.2	0.12	mg/Kg-dry	1	07/27/09 12:05
Chromium	27		1.2	0.24	mg/Kg-dry	1	07/27/09 12:05
Lead	3200		1.2	0.49	mg/Kg-dry	1	07/27/09 12:05
Selenium	1.2	J	1.2	0.31	mg/Kg-dry	1	07/27/09 12:05
Silver	0.54	J	1.2	0.24	mg/Kg-dry	1	07/27/09 12:05

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-050A**
Project:	Tract II	**Client Sample ID:**	***TP-40-4***
W Order:	0907072	**Collection Date:**	07/15/09 15:26
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 18.9	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5000
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	31		1.2	0.49	mg/Kg-dry	1	07/27/09 12:09
Barium	440		12	0.25	mg/Kg-dry	1	07/27/09 12:09
Cadmium	3.2		1.2	0.12	mg/Kg-dry	1	07/27/09 12:09
Chromium	38		1.2	0.25	mg/Kg-dry	1	07/27/09 12:09
Lead	37000	E	1.2	0.49	mg/Kg-dry	1	07/27/09 12:09
Selenium	1.3		1.2	0.31	mg/Kg-dry	1	07/27/09 12:09
Silver	3.2		1.2	0.25	mg/Kg-dry	1	07/27/09 12:09

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-050ADL**
Project:	Tract II	**Client Sample ID:**	***TP-40-4***
W Order:	0907072	**Collection Date:**	07/15/09 15:26
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E **Sample Size:** 0.5 g	**PrepDate:**	07/24/09 0:00
ColumnID:	**%Moisture:** 18.9	**BatchNo:**	9762/R17958
Revision:	07/29/09 11:04 **TestCode:** 6010S	**FileID:**	1-DL-5032
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	37000		6.2	2.5	mg/Kg-dry	5	07/27/09 15:00

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-051A**
Project:	Tract II	**Client Sample ID:**	***TP-40-5***
W Order:	0907072	**Collection Date:**	07/15/09 15:30
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 21.8	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5033
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	60		6.4	2.6	mg/Kg-dry	5	07/27/09 15:04
Barium	990		64	1.3	mg/Kg-dry	5	07/27/09 15:04
Cadmium	10		6.4	0.64	mg/Kg-dry	5	07/27/09 15:04
Chromium	140		6.4	1.3	mg/Kg-dry	5	07/27/09 15:04
Lead	97000		6.4	2.6	mg/Kg-dry	5	07/27/09 15:04
Selenium	ND		6.4	1.6	mg/Kg-dry	5	07/27/09 15:04
Silver	6.4	J	6.4	1.3	mg/Kg-dry	5	07/27/09 15:04

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-052A**
Project:	Tract II	**Client Sample ID:**	***TP-40-6***
W Order:	0907072	**Collection Date:**	07/15/09 15:32
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 27.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5002
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	38		1.4	0.55	mg/Kg-dry	1	07/27/09 12:16
Barium	1000		14	0.28	mg/Kg-dry	1	07/27/09 12:16
Cadmium	11		1.4	0.14	mg/Kg-dry	1	07/27/09 12:16
Chromium	69		1.4	0.28	mg/Kg-dry	1	07/27/09 12:16
Lead	82000	E	1.4	0.55	mg/Kg-dry	1	07/27/09 12:16
Selenium	1.5		1.4	0.34	mg/Kg-dry	1	07/27/09 12:16
Silver	5.4		1.4	0.28	mg/Kg-dry	1	07/27/09 12:16

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-052ADL**
Project:	Tract II	**Client Sample ID:**	***TP-40-6***
W Order:	0907072	**Collection Date:**	07/15/09 15:32
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 27.4	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5037
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	84000		14	5.5	mg/Kg-dry	10	07/27/09 15:20

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-053A**
Project:	Tract II	**Client Sample ID:**	***TP-40-7***
W Order:	0907072	**Collection Date:**	07/15/09 15:37
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 44.1	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5003
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	24		1.8	0.72	mg/Kg-dry	1	07/27/09 12:20
Barium	970		18	0.36	mg/Kg-dry	1	07/27/09 12:20
Cadmium	9.2		1.8	0.18	mg/Kg-dry	1	07/27/09 12:20
Chromium	160		1.8	0.36	mg/Kg-dry	1	07/27/09 12:20
Lead	99000	E	1.8	0.72	mg/Kg-dry	1	07/27/09 12:20
Selenium	1.6	J	1.8	0.45	mg/Kg-dry	1	07/27/09 12:20
Silver	4.2		1.8	0.36	mg/Kg-dry	1	07/27/09 12:20

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-053ADL**
Project:	Tract II	**Client Sample ID:**	***TP-40-7***
W Order:	0907072	**Collection Date:**	07/15/09 15:37
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 44.1	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5038
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	100000		18	7.2	mg/Kg-dry	10	07/27/09 15:24

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-054A**
Project:	Tract II	**Client Sample ID:**	***TP-40-8***
W Order:	0907072	**Collection Date:**	07/15/09 15:41
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 27.7	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5004
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	30		1.4	0.55	mg/Kg-dry	1	07/27/09 12:24
Barium	430		14	0.28	mg/Kg-dry	1	07/27/09 12:24
Cadmium	4.4		1.4	0.14	mg/Kg-dry	1	07/27/09 12:24
Chromium	43		1.4	0.28	mg/Kg-dry	1	07/27/09 12:24
Lead	46000	E	1.4	0.55	mg/Kg-dry	1	07/27/09 12:24
Selenium	2.1		1.4	0.35	mg/Kg-dry	1	07/27/09 12:24
Silver	1.6		1.4	0.28	mg/Kg-dry	1	07/27/09 12:24

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-054ADL**
Project:	Tract II	**Client Sample ID:**	***TP-40-8***
W Order:	0907072	**Collection Date:**	07/15/09 15:41
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 27.7	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-DL-5039
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Lead	48000		6.9	2.8	mg/Kg-dry	5	07/27/09 15:28

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-055A**
Project:	Tract II	**Client Sample ID:**	***TP-DUP***
W Order:	0907072	**Collection Date:**	07/15/09 0:00
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 0.5 g	**PrepDate:** 07/24/09 0:00
ColumnID:		**%Moisture:** 22.5	**BatchNo:** 9762/R17958
Revision:	07/29/09 11:04	**TestCode:** 6010S	**FileID:** 1-SAMP-5005
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3050B)**
Arsenic	8.1		1.3	0.52	mg/Kg-dry	1	07/27/09 12:28
Barium	510		13	0.26	mg/Kg-dry	1	07/27/09 12:28
Cadmium	1.9		1.3	0.13	mg/Kg-dry	1	07/27/09 12:28
Chromium	27		1.3	0.26	mg/Kg-dry	1	07/27/09 12:28
Lead	1600		1.3	0.52	mg/Kg-dry	1	07/27/09 12:28
Selenium	1.1	J	1.3	0.32	mg/Kg-dry	1	07/27/09 12:28
Silver	ND		1.3	0.26	mg/Kg-dry	1	07/27/09 12:28

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-056A**
Project:	Tract II	**Client Sample ID:**	***TP-Rinsate***
W Order:	0907072	**Collection Date:**	07/15/09 17:00
Matrix:	WATER Q	**Date Received:**	07/16/09 9:50
Inst. ID:	ICAP 61E	**Sample Size:** 50 mL	**PrepDate:** 07/28/09 0:00
ColumnID:		**%Moisture:**	**BatchNo:** 9788/R17953
Revision:	07/29/09 11:46	**TestCode:** 6010W05	**FileID:** 1-SAMP-110282
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TOTAL METALS BY ICP					**SW6010B**		**(SW3005A)**
Arsenic	ND		0.010	0.0040	mg/L	1	07/28/09 17:53
Barium	ND		0.10	0.0020	mg/L	1	07/28/09 17:53
Cadmium	ND		0.010	0.0010	mg/L	1	07/28/09 17:53
Chromium	ND		0.010	0.0028	mg/L	1	07/28/09 17:53
Lead	ND		0.010	0.0040	mg/L	1	07/28/09 17:53
Selenium	ND		0.010	0.0035	mg/L	1	07/28/09 17:53
Silver	ND		0.010	0.0020	mg/L	1	07/28/09 17:53

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: ICVH	SampType: ICVH	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17922
Client ID: ZZZZZ	Batch ID: R17922	Method: SW6010B		Analysis Date: 7/24/2009		SeqNo:	462388
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	49.4	1.0	50	0	99	90	110				
Chromium	5.03	0.010	5	0	101	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.2	0.050	10	0	102	90	110				
Lead	9.97	0.010	10	0	100	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	48.2	1.0	50	0	96	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

Life Science Laboratories, Inc.

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: ICV	SampType: ICV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17922
Client ID: ZZZZZ	Batch ID: R17922	Method: SW6010B		Analysis Date: 7/24/2009		SeqNo:	462389
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	0.991	0.10	1	0	99	90	110				
Antimony	0.209	0.060	0.2	0	105	90	110				
Arsenic	0.201	0.010	0.2	0	101	90	110				
Barium	0.192	0.10	0.2	0	96	90	110				
Beryllium	0.201	0.010	0.2	0	100	90	110				
Boron	0.499	0.050	0.5	0	100	90	110				
Cadmium	0.196	0.010	0.2	0	98	90	110				
Calcium	9.78	1.0	10	0	98	90	110				
Chromium	0.200	0.010	0.2	0	100	90	110				
Cobalt	0.198	0.050	0.2	0	99	90	110				
Copper	0.199	0.010	0.2	0	100	90	110				
Iron	1.01	0.050	1	0	101	90	110				
Lead	0.201	0.010	0.2	0	101	90	110				
Magnesium	9.90	1.0	10	0	99	90	110				
Manganese	0.201	0.050	0.2	0	100	90	110				
Molybdenum	0.197	0.050	0.2	0	99	90	110				
Nickel	0.201	0.050	0.2	0	100	90	110				
Potassium	10.1	5.0	10	0	101	90	110				
Selenium	0.193	0.010	0.2	0	96	90	110				
Silver	0.0474	0.010	0.05	0	95	90	110				
Sodium	9.53	1.0	10	0	95	90	110				
Strontium	0.198	0.050	0.2	0	99	90	110				
Thallium	0.198	0.020	0.2	0	99	90	110				
Tin	0.203	0.050	0.2	0	101	90	110				
Titanium	0.207	0.050	0.2	0	104	90	110				
Vanadium	0.201	0.050	0.2	0	100	90	110				
Zinc	0.203	0.020	0.2	0	101	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCV/IPC	SampType: CCV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17922
Client ID: ZZZZZ	Batch ID: R17922	Method: SW6010B		Analysis Date: 7/24/2009		SeqNo:	462390
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	5.00	0.10	5	0	100	90	110				
Antimony	0.498	0.060	0.5	0	100	90	110				
Arsenic	0.506	0.010	0.5	0	101	90	110				
Barium	0.505	0.10	0.5	0	101	90	110				
Beryllium	0.504	0.010	0.5	0	101	90	110				
Boron	0.506	0.050	0.5	0	101	90	110				
Cadmium	0.508	0.010	0.5	0	102	90	110				
Calcium	9.98	1.0	10	0	100	90	110				
Chromium	0.506	0.010	0.5	0	101	90	110				
Cobalt	0.509	0.050	0.5	0	102	90	110				
Copper	0.505	0.010	0.5	0	101	90	110				
Iron	1.01	0.050	1	0	101	90	110				
Lead	0.503	0.010	0.5	0	101	90	110				
Magnesium	10.1	1.0	10	0	101	90	110				
Manganese	0.509	0.050	0.5	0	102	90	110				
Molybdenum	0.506	0.050	0.5	0	101	90	110				
Nickel	0.509	0.050	0.5	0	102	90	110				
Potassium	10.7	5.0	10	0	107	90	110				
Selenium	0.499	0.010	0.5	0	100	90	110				
Silver	0.251	0.010	0.25	0	100	90	110				
Sodium	9.90	1.0	10	0	99	90	110				
Strontium	0.507	0.050	0.5	0	101	90	110				
Thallium	0.507	0.020	0.5	0	101	90	110				
Tin	0.506	0.050	0.5	0	101	90	110				
Titanium	0.507	0.050	0.5	0	101	90	110				
Vanadium	0.505	0.050	0.5	0	101	90	110				
Zinc	0.511	0.020	0.5	0	102	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: ICB	SampType: ICB	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17922
Client ID: ZZZZZ	Batch ID: R17922	Method: SW6010B		Analysis Date: 7/24/2009		SeqNo:	462391
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCVH1**	SampType: **CCVH**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17922**
Client ID: **ZZZZZ**	Batch ID: **R17922**	Method: **SW6010B**		Analysis Date: **7/24/2009**		SeqNo:	**462402**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	49.1	1.0	50	0	98	90	110				
Chromium	4.99	0.010	5	0	100	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.2	0.050	10	0	102	90	110				
Lead	9.87	0.010	10	0	99	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	47.9	1.0	50	0	96	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCV1	SampType: CCV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17922
Client ID: ZZZZZ	Batch ID: R17922	Method: SW6010B		Analysis Date: 7/24/2009		SeqNo:	462403
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.87	0.10	5	0	97	90	110				
Antimony	0.494	0.060	0.5	0	99	90	110				
Arsenic	0.499	0.010	0.5	0	100	90	110				
Barium	0.508	0.10	0.5	0	102	90	110				
Beryllium	0.496	0.010	0.5	0	99	90	110				
Boron	0.501	0.050	0.5	0	100	90	110				
Cadmium	0.501	0.010	0.5	0	100	90	110				
Calcium	9.91	1.0	10	0	99	90	110				
Chromium	0.500	0.010	0.5	0	100	90	110				
Cobalt	0.502	0.050	0.5	0	100	90	110				
Copper	0.505	0.010	0.5	0	101	90	110				
Iron	1.00	0.050	1	0	100	90	110				
Lead	0.502	0.010	0.5	0	100	90	110				
Magnesium	9.98	1.0	10	0	100	90	110				
Manganese	0.502	0.050	0.5	0	100	90	110				
Molybdenum	0.503	0.050	0.5	0	101	90	110				
Nickel	0.499	0.050	0.5	0	100	90	110				
Potassium	10.4	5.0	10	0	104	90	110				
Selenium	0.490	0.010	0.5	0	98	90	110				
Silver	0.250	0.010	0.25	0	100	90	110				
Sodium	9.69	1.0	10	0	97	90	110				
Strontium	0.499	0.050	0.5	0	100	90	110				
Thallium	0.491	0.020	0.5	0	98	90	110				
Tin	0.490	0.050	0.5	0	98	90	110				
Titanium	0.482	0.050	0.5	0	96	90	110				
Vanadium	0.502	0.050	0.5	0	100	90	110				
Zinc	0.509	0.020	0.5	0	102	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

300 : *30-Jul-09*

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: **CCB1**	SampType: **CCB**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17922**
Client ID: **ZZZZZ**	Batch ID: **R17922**	Method: **SW6010B**		Analysis Date: **7/24/2009**		SeqNo:	**462404**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCVH2**	SampType: **CCVH**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17922**
Client ID: **ZZZZZ**	Batch ID: **R17922**	Method: **SW6010B**		Analysis Date:	**7/24/2009**	SeqNo:	**462415**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	0.0830	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	50.4	1.0	50	0	101	90	110				
Chromium	5.23	0.010	5	0	105	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.4	0.050	10	0	104	90	110				
Lead	10.4	0.010	10	0	104	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	50.3	1.0	50	0	101	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCV2 SampType: CCV TestCode: 6010W05 Units: mg/L Prep Date: RunNo: 17922
Client ID: ZZZZZ Batch ID: R17922 Method: SW6010B Analysis Date: 7/24/2009 SeqNo: 462416
Instrument: ColumnID:

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.97	0.10	5	0	99	90	110				
Antimony	0.518	0.060	0.5	0	104	90	110				
Arsenic	0.507	0.010	0.5	0	101	90	110				
Barium	0.507	0.10	0.5	0	101	90	110				
Beryllium	0.502	0.010	0.5	0	100	90	110				
Boron	0.510	0.050	0.5	0	102	90	110				
Cadmium	0.512	0.010	0.5	0	103	90	110				
Calcium	10.1	1.0	10	0	101	90	110				
Chromium	0.512	0.010	0.5	0	102	90	110				
Cobalt	0.515	0.050	0.5	0	103	90	110				
Copper	0.505	0.010	0.5	0	101	90	110				
Iron	1.01	0.050	1	0	101	90	110				
Lead	0.505	0.010	0.5	0	101	90	110				
Magnesium	10.2	1.0	10	0	102	90	110				
Manganese	0.499	0.050	0.5	0	100	90	110				
Molybdenum	0.510	0.050	0.5	0	102	90	110				
Nickel	0.511	0.050	0.5	0	102	90	110				
Potassium	11.0	5.0	10	0	110	90	110				
Selenium	0.497	0.010	0.5	0	99	90	110				
Silver	0.251	0.010	0.25	0	101	90	110				
Sodium	10.1	1.0	10	0	101	90	110				
Strontium	0.498	0.050	0.5	0	100	90	110				
Thallium	0.511	0.020	0.5	0	102	90	110				
Tin	0.509	0.050	0.5	0	102	90	110				
Titanium	0.485	0.050	0.5	0	97	90	110				
Vanadium	0.508	0.050	0.5	0	102	90	110				
Zinc	0.507	0.020	0.5	0	101	90	110				

Qualifiers:
B Analyte detected in the associated Method Blank
ND Not Detected at the Practical Quantitation Limit (PQL)
U Not Detected at the MDC or RL
E Value exceeds the instrument calibration range
R RPD exceeds accepted precision limit
J Analyte detected below the PQL
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCB2**	SampType: **CCB**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17922**
Client ID: **ZZZZZ**	Batch ID: **R17922**	Method: **SW6010B**		Analysis Date: **7/24/2009**		SeqNo:	**462417**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCVH3**	SampType: **CCVH**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17922**
Client ID: **ZZZZZ**	Batch ID: **R17922**	Method: **SW6010B**		Analysis Date: **7/24/2009**		SeqNo:	**462428**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	49.7	1.0	50	0	99	90	110				
Chromium	5.23	0.010	5	0	105	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.4	0.050	10	0	104	90	110				
Lead	10.2	0.010	10	0	102	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	50.6	1.0	50	0	101	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV3**	SampType: **CCV**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17922**
Client ID: **ZZZZZ**	Batch ID: **R17922**	Method: **SW6010B**		Analysis Date: **7/24/2009**		SeqNo:	**462429**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.98	0.10	5	0	100	90	110				
Antimony	0.498	0.060	0.5	0	100	90	110				
Arsenic	0.504	0.010	0.5	0	101	90	110				
Barium	0.505	0.10	0.5	0	101	90	110				
Beryllium	0.499	0.010	0.5	0	100	90	110				
Boron	0.507	0.050	0.5	0	101	90	110				
Cadmium	0.511	0.010	0.5	0	102	90	110				
Calcium	10.1	1.0	10	0	101	90	110				
Chromium	0.509	0.010	0.5	0	102	90	110				
Cobalt	0.513	0.050	0.5	0	103	90	110				
Copper	0.502	0.010	0.5	0	100	90	110				
Iron	1.01	0.050	1	0	101	90	110				
Lead	0.505	0.010	0.5	0	101	90	110				
Magnesium	10.2	1.0	10	0	102	90	110				
Manganese	0.498	0.050	0.5	0	100	90	110				
Molybdenum	0.508	0.050	0.5	0	102	90	110				
Nickel	0.509	0.050	0.5	0	102	90	110				
Potassium	11.1	5.0	10	0	111	90	110				S
Selenium	0.502	0.010	0.5	0	100	90	110				
Silver	0.250	0.010	0.25	0	100	90	110				
Sodium	10.2	1.0	10	0	102	90	110				
Strontium	0.494	0.050	0.5	0	99	90	110				
Thallium	0.509	0.020	0.5	0	102	90	110				
Tin	0.507	0.050	0.5	0	101	90	110				
Titanium	0.483	0.050	0.5	0	97	90	110				
Vanadium	0.506	0.050	0.5	0	101	90	110				
Zinc	0.504	0.020	0.5	0	101	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCB3**	SampType: **CCB**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17922**
Client ID: **ZZZZZ**	Batch ID: **R17922**	Method: **SW6010B**		Analysis Date: **7/24/2009**		SeqNo:	**462430**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCVH4	SampType: CCVH	TestCode: 6010W05	Units: mg/L		Prep Date:			RunNo:	17922
Client ID: ZZZZZ	Batch ID: R17922	Method: SW6010B			Analysis Date: 7/24/2009			SeqNo:	462441
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	49.7	1.0	50	0	99	90	110				
Chromium	5.29	0.010	5	0	106	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.4	0.050	10	0	104	90	110				
Lead	10.2	0.010	10	0	102	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	51.4	1.0	50	0	103	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCV4	SampType: CCV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17922
Client ID: ZZZZZ	Batch ID: R17922	Method: SW6010B		Analysis Date: 7/24/2009		SeqNo:	462442
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.89	0.10	5	0	98	90	110				
Antimony	0.497	0.060	0.5	0	99	90	110				
Arsenic	0.497	0.010	0.5	0	99	90	110				
Barium	0.504	0.10	0.5	0	101	90	110				
Beryllium	0.494	0.010	0.5	0	99	90	110				
Boron	0.501	0.050	0.5	0	100	90	110				
Cadmium	0.504	0.010	0.5	0	101	90	110				
Calcium	10.0	1.0	10	0	100	90	110				
Chromium	0.503	0.010	0.5	0	101	90	110				
Cobalt	0.504	0.050	0.5	0	101	90	110				
Copper	0.500	0.010	0.5	0	100	90	110				
Iron	1.00	0.050	1	0	100	90	110				
Lead	0.495	0.010	0.5	0	99	90	110				
Magnesium	10.0	1.0	10	0	100	90	110				
Manganese	0.494	0.050	0.5	0	99	90	110				
Molybdenum	0.502	0.050	0.5	0	100	90	110				
Nickel	0.502	0.050	0.5	0	100	90	110				
Potassium	10.7	5.0	10	0	107	90	110				
Selenium	0.494	0.010	0.5	0	99	90	110				
Silver	0.248	0.010	0.25	0	99	90	110				
Sodium	9.94	1.0	10	0	99	90	110				
Strontium	0.492	0.050	0.5	0	98	90	110				
Thallium	0.498	0.020	0.5	0	100	90	110				
Tin	0.495	0.050	0.5	0	99	90	110				
Titanium	0.478	0.050	0.5	0	96	90	110				
Vanadium	0.501	0.050	0.5	0	100	90	110				
Zinc	0.502	0.020	0.5	0	100	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: **CCB4**	SampType: **CCB**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17922**
Client ID: **ZZZZZ**	Batch ID: **R17922**	Method: **SW6010B**		Analysis Date: **7/24/2009**		SeqNo:	**462443**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCVH5**	SampType: **CCVH**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17922**
Client ID: **ZZZZZ**	Batch ID: **R17922**	Method: **SW6010B**		Analysis Date:	**7/24/2009**	SeqNo:	**462454**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	49.7	1.0	50	0	99	90	110				
Chromium	5.18	0.010	5	0	104	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.4	0.050	10	0	104	90	110				
Lead	10.1	0.010	10	0	101	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	50.1	1.0	50	0	100	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV5**	SampType: **CCV**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17922**
Client ID: **ZZZZZ**	Batch ID: **R17922**	Method: **SW6010B**		Analysis Date: **7/24/2009**		SeqNo:	**462455**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.97	0.10	5	0	99	90	110				
Antimony	0.501	0.060	0.5	0	100	90	110				
Arsenic	0.505	0.010	0.5	0	101	90	110				
Barium	0.512	0.10	0.5	0	102	90	110				
Beryllium	0.503	0.010	0.5	0	101	90	110				
Boron	0.509	0.050	0.5	0	102	90	110				
Cadmium	0.513	0.010	0.5	0	103	90	110				
Calcium	10.1	1.0	10	0	101	90	110				
Chromium	0.510	0.010	0.5	0	102	90	110				
Cobalt	0.513	0.050	0.5	0	103	90	110				
Copper	0.507	0.010	0.5	0	101	90	110				
Iron	1.02	0.050	1	0	102	90	110				
Lead	0.506	0.010	0.5	0	101	90	110				
Magnesium	10.2	1.0	10	0	102	90	110				
Manganese	0.502	0.050	0.5	0	100	90	110				
Molybdenum	0.511	0.050	0.5	0	102	90	110				
Nickel	0.510	0.050	0.5	0	102	90	110				
Potassium	10.9	5.0	10	0	109	90	110				
Selenium	0.504	0.010	0.5	0	101	90	110				
Silver	0.252	0.010	0.25	0	101	90	110				
Sodium	10.2	1.0	10	0	102	90	110				
Strontium	0.497	0.050	0.5	0	99	90	110				
Thallium	0.506	0.020	0.5	0	101	90	110				
Tin	0.504	0.050	0.5	0	101	90	110				
Titanium	0.486	0.050	0.5	0	97	90	110				
Vanadium	0.508	0.050	0.5	0	102	90	110				
Zinc	0.510	0.020	0.5	0	102	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCB5**	SampType: **CCB**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17922**
Client ID: **ZZZZZ**	Batch ID: **R17922**	Method: **SW6010B**		Analysis Date: **7/24/2009**		SeqNo:	**462456**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCVH6	SampType: CCVH	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17922
Client ID: ZZZZZ	Batch ID: R17922	Method: SW6010B		Analysis Date: 7/24/2009		SeqNo:	462463
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	0.194	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	50.7	1.0	50	0	101	90	110				
Chromium	5.25	0.010	5	0	105	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.6	0.050	10	0	106	90	110				
Lead	10.1	0.010	10	0	101	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	50.1	1.0	50	0	100	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCV6	SampType: CCV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17922
Client ID: ZZZZZ	Batch ID: R17922	Method: SW6010B		Analysis Date: 7/24/2009		SeqNo:	462464
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.93	0.10	5	0	99	90	110				
Antimony	0.505	0.060	0.5	0	101	90	110				
Arsenic	0.511	0.010	0.5	0	102	90	110				
Barium	0.520	0.10	0.5	0	104	90	110				
Beryllium	0.510	0.010	0.5	0	102	90	110				
Boron	0.516	0.050	0.5	0	103	90	110				
Cadmium	0.519	0.010	0.5	0	104	90	110				
Calcium	10.3	1.0	10	0	103	90	110				
Chromium	0.517	0.010	0.5	0	103	90	110				
Cobalt	0.519	0.050	0.5	0	104	90	110				
Copper	0.513	0.010	0.5	0	103	90	110				
Iron	1.03	0.050	1	0	103	90	110				
Lead	0.512	0.010	0.5	0	102	90	110				
Magnesium	10.3	1.0	10	0	103	90	110				
Manganese	0.508	0.050	0.5	0	102	90	110				
Molybdenum	0.517	0.050	0.5	0	103	90	110				
Nickel	0.516	0.050	0.5	0	103	90	110				
Potassium	10.8	5.0	10	0	108	90	110				
Selenium	0.510	0.010	0.5	0	102	90	110				
Silver	0.254	0.010	0.25	0	102	90	110				
Sodium	10.2	1.0	10	0	102	90	110				
Strontium	0.504	0.050	0.5	0	101	90	110				
Thallium	0.513	0.020	0.5	0	103	90	110				
Tin	0.512	0.050	0.5	0	102	90	110				
Titanium	0.493	0.050	0.5	0	99	90	110				
Vanadium	0.515	0.050	0.5	0	103	90	110				
Zinc	0.516	0.020	0.5	0	103	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCB6	SampType: CCB	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17922
Client ID: ZZZZZ	Batch ID: R17922	Method: SW6010B		Analysis Date: 7/24/2009		SeqNo:	462465
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: ICVH	SampType: ICVH	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17958
Client ID: ZZZZZ	Batch ID: R17958	Method: SW6010B		Analysis Date: 7/27/2009		SeqNo:	462693
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	49.9	1.0	50	0	100	90	110				
Chromium	5.09	0.010	5	0	102	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.3	0.050	10	0	103	90	110				
Lead	10.1	0.010	10	0	101	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	48.8	1.0	50	0	98	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **ICV** SampType: **ICV** TestCode: **6010W05** Units: **mg/L** Prep Date: RunNo: **17958**
Client ID: **ZZZZZ** Batch ID: **R17958** Method: **SW6010B** Analysis Date: **7/27/2009** SeqNo: **462694**
Instrument: ColumnID:

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	0.982	0.10	1	0	98	90	110				
Antimony	0.207	0.060	0.2	0	104	90	110				
Arsenic	0.198	0.010	0.2	0	99	90	110				
Barium	0.191	0.10	0.2	0	95	90	110				
Beryllium	0.198	0.010	0.2	0	99	90	110				
Boron	0.494	0.050	0.5	0	99	90	110				
Cadmium	0.194	0.010	0.2	0	97	90	110				
Calcium	9.62	1.0	10	0	96	90	110				
Chromium	0.198	0.010	0.2	0	99	90	110				
Cobalt	0.196	0.050	0.2	0	98	90	110				
Copper	0.198	0.010	0.2	0	99	90	110				
Iron	0.989	0.050	1	0	99	90	110				
Lead	0.202	0.010	0.2	0	101	90	110				
Magnesium	9.80	1.0	10	0	98	90	110				
Manganese	0.198	0.050	0.2	0	99	90	110				
Molybdenum	0.197	0.050	0.2	0	98	90	110				
Nickel	0.199	0.050	0.2	0	99	90	110				
Potassium	10.1	5.0	10	0	101	90	110				
Selenium	0.193	0.010	0.2	0	96	90	110				
Silver	0.0479	0.010	0.05	0	96	90	110				
Sodium	9.51	1.0	10	0	95	90	110				
Strontium	0.195	0.050	0.2	0	98	90	110				
Thallium	0.193	0.020	0.2	0	97	90	110				
Tin	0.199	0.050	0.2	0	99	90	110				
Titanium	0.205	0.050	0.2	0	103	90	110				
Vanadium	0.199	0.050	0.2	0	99	90	110				
Zinc	0.200	0.020	0.2	0	100	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: CCV/IPC	SampType: CCV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17958
Client ID: ZZZZZ	Batch ID: R17958	Method: SW6010B		Analysis Date: 7/27/2009		SeqNo:	462695
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	5.04	0.10	5	0	101	90	110				
Antimony	0.499	0.060	0.5	0	100	90	110				
Arsenic	0.500	0.010	0.5	0	100	90	110				
Barium	0.502	0.10	0.5	0	100	90	110				
Beryllium	0.498	0.010	0.5	0	100	90	110				
Boron	0.501	0.050	0.5	0	100	90	110				
Cadmium	0.503	0.010	0.5	0	101	90	110				
Calcium	9.78	1.0	10	0	98	90	110				
Chromium	0.500	0.010	0.5	0	100	90	110				
Cobalt	0.502	0.050	0.5	0	100	90	110				
Copper	0.502	0.010	0.5	0	100	90	110				
Iron	0.987	0.050	1	0	99	90	110				
Lead	0.500	0.010	0.5	0	100	90	110				
Magnesium	10.0	1.0	10	0	100	90	110				
Manganese	0.501	0.050	0.5	0	100	90	110				
Molybdenum	0.503	0.050	0.5	0	101	90	110				
Nickel	0.503	0.050	0.5	0	101	90	110				
Potassium	10.7	5.0	10	0	107	90	110				
Selenium	0.493	0.010	0.5	0	99	90	110				
Silver	0.250	0.010	0.25	0	100	90	110				
Sodium	9.88	1.0	10	0	99	90	110				
Strontium	0.502	0.050	0.5	0	100	90	110				
Thallium	0.497	0.020	0.5	0	99	90	110				
Tin	0.494	0.050	0.5	0	99	90	110				
Titanium	0.502	0.050	0.5	0	100	90	110				
Vanadium	0.501	0.050	0.5	0	100	90	110				
Zinc	0.505	0.020	0.5	0	101	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **ICB**	SampType: **ICB**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17958**
Client ID: **ZZZZZ**	Batch ID: **R17958**	Method: **SW6010B**		Analysis Date: **7/27/2009**		SeqNo:	**462696**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit
U	Not Detected at the MDC or RL		

J	Analyte detected below the PQL		
S	Spike Recovery outside accepted recovery limits		

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCVH1**	SampType: **CCVH**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17958**
Client ID: **ZZZZZ**	Batch ID: **R17958**	Method: **SW6010B**		Analysis Date:	**7/27/2009**	SeqNo:	**462707**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	49.3	1.0	50	0	99	90	110				
Chromium	5.13	0.010	5	0	103	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.3	0.050	10	0	103	90	110				
Lead	10.2	0.010	10	0	102	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	50.0	1.0	50	0	100	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV1**	SampType: **CCV**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17958**
Client ID: **ZZZZZ**	Batch ID: **R17958**	Method: **SW6010B**		Analysis Date: **7/27/2009**		SeqNo:	**462708**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.80	0.10	5	0	96	90	110				
Antimony	0.487	0.060	0.5	0	97	90	110				
Arsenic	0.492	0.010	0.5	0	98	90	110				
Barium	0.501	0.10	0.5	0	100	90	110				
Beryllium	0.486	0.010	0.5	0	97	90	110				
Boron	0.498	0.050	0.5	0	100	90	110				
Cadmium	0.500	0.010	0.5	0	100	90	110				
Calcium	9.73	1.0	10	0	97	90	110				
Chromium	0.497	0.010	0.5	0	99	90	110				
Cobalt	0.500	0.050	0.5	0	100	90	110				
Copper	0.495	0.010	0.5	0	99	90	110				
Iron	0.968	0.050	1	0	97	90	110				
Lead	0.495	0.010	0.5	0	99	90	110				
Magnesium	9.93	1.0	10	0	99	90	110				
Manganese	0.491	0.050	0.5	0	98	90	110				
Molybdenum	0.499	0.050	0.5	0	100	90	110				
Nickel	0.499	0.050	0.5	0	100	90	110				
Potassium	10.9	5.0	10	0	109	90	110				
Selenium	0.483	0.010	0.5	0	97	90	110				
Silver	0.246	0.010	0.25	0	98	90	110				
Sodium	9.91	1.0	10	0	99	90	110				
Strontium	0.488	0.050	0.5	0	98	90	110				
Thallium	0.494	0.020	0.5	0	99	90	110				
Tin	0.488	0.050	0.5	0	98	90	110				
Titanium	0.474	0.050	0.5	0	95	90	110				
Vanadium	0.496	0.050	0.5	0	99	90	110				
Zinc	0.501	0.020	0.5	0	100	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	CCB1	SampType:	CCB	TestCode:	6010W05	Units:	mg/L	Prep Date:		RunNo:	17958	
Client ID:	ZZZZZ	Batch ID:	R17958	Method:	SW6010B			Analysis Date:	7/27/2009	SeqNo:	462709	
Instrument:		ColumnID:										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCVH2**	SampType: **CCVH**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17958**
Client ID: **ZZZZZ**	Batch ID: **R17958**	Method: **SW6010B**		Analysis Date: **7/27/2009**		SeqNo:	**462720**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	49.2	1.0	50	0	98	90	110				
Chromium	5.19	0.010	5	0	104	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.3	0.050	10	0	103	90	110				
Lead	10.2	0.010	10	0	102	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	51.0	1.0	50	0	102	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: CCV2	SampType: CCV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17958
Client ID: ZZZZZ	Batch ID: R17958	Method: SW6010B		Analysis Date: 7/27/2009		SeqNo:	462721
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.90	0.10	5	0	98	90	110				
Antimony	0.489	0.060	0.5	0	98	90	110				
Arsenic	0.497	0.010	0.5	0	99	90	110				
Barium	0.507	0.10	0.5	0	101	90	110				
Beryllium	0.492	0.010	0.5	0	98	90	110				
Boron	0.507	0.050	0.5	0	101	90	110				
Cadmium	0.508	0.010	0.5	0	102	90	110				
Calcium	9.84	1.0	10	0	98	90	110				
Chromium	0.503	0.010	0.5	0	101	90	110				
Cobalt	0.506	0.050	0.5	0	101	90	110				
Copper	0.501	0.010	0.5	0	100	90	110				
Iron	0.980	0.050	1	0	98	90	110				
Lead	0.498	0.010	0.5	0	100	90	110				
Magnesium	10.1	1.0	10	0	101	90	110				
Manganese	0.489	0.050	0.5	0	98	90	110				
Molybdenum	0.505	0.050	0.5	0	101	90	110				
Nickel	0.506	0.050	0.5	0	101	90	110				
Potassium	11.2	5.0	10	0	112	90	110				S
Selenium	0.488	0.010	0.5	0	98	90	110				
Silver	0.247	0.010	0.25	0	99	90	110				
Sodium	10.1	1.0	10	0	101	90	110				
Strontium	0.489	0.050	0.5	0	98	90	110				
Thallium	0.501	0.020	0.5	0	100	90	110				
Tin	0.495	0.050	0.5	0	99	90	110				
Titanium	0.480	0.050	0.5	0	96	90	110				
Vanadium	0.501	0.050	0.5	0	100	90	110				
Zinc	0.505	0.020	0.5	0	101	90	110				

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- ND Not Detected at the Practical Quantitation Limit (PQL)
- R RPD exceeds accepted precision limit
- S Spike Recovery outside accepted recovery limits
- U Not Detected at the MDC or RL

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East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: CCB2	SampType: CCB	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17958
Client ID: ZZZZZ	Batch ID: R17958	Method: SW6010B		Analysis Date: 7/27/2009		SeqNo:	462722
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCVH3	SampType: CCVH	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17958
Client ID: ZZZZZ	Batch ID: R17958	Method: SW6010B		Analysis Date: 7/27/2009		SeqNo:	462733
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	49.3	1.0	50	0	99	90	110				
Chromium	5.24	0.010	5	0	105	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.3	0.050	10	0	103	90	110				
Lead	10.1	0.010	10	0	101	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	51.6	1.0	50	0	103	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV3**	SampType: **CCV**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17958**
Client ID: **ZZZZZ**	Batch ID: **R17958**	Method: **SW6010B**		Analysis Date:	**7/27/2009**	SeqNo:	**462734**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.89	0.10	5	0	98	90	110				
Antimony	0.496	0.060	0.5	0	99	90	110				
Arsenic	0.503	0.010	0.5	0	101	90	110				
Barium	0.512	0.10	0.5	0	102	90	110				
Beryllium	0.498	0.010	0.5	0	100	90	110				
Boron	0.516	0.050	0.5	0	103	90	110				
Cadmium	0.517	0.010	0.5	0	103	90	110				
Calcium	9.99	1.0	10	0	100	90	110				
Chromium	0.511	0.010	0.5	0	102	90	110				
Cobalt	0.514	0.050	0.5	0	103	90	110				
Copper	0.503	0.010	0.5	0	101	90	110				
Iron	0.991	0.050	1	0	99	90	110				
Lead	0.504	0.010	0.5	0	101	90	110				
Magnesium	10.2	1.0	10	0	102	90	110				
Manganese	0.489	0.050	0.5	0	98	90	110				
Molybdenum	0.511	0.050	0.5	0	102	90	110				
Nickel	0.515	0.050	0.5	0	103	90	110				
Potassium	11.4	5.0	10	0	114	90	110				S
Selenium	0.497	0.010	0.5	0	99	90	110				
Silver	0.249	0.010	0.25	0	100	90	110				
Sodium	10.3	1.0	10	0	103	90	110				
Strontium	0.491	0.050	0.5	0	98	90	110				
Thallium	0.512	0.020	0.5	0	102	90	110				
Tin	0.508	0.050	0.5	0	102	90	110				
Titanium	0.486	0.050	0.5	0	97	90	110				
Vanadium	0.507	0.050	0.5	0	101	90	110				
Zinc	0.505	0.020	0.5	0	101	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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Life Science Laboratories, Inc.

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East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCB3	SampType: CCB	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo: 17958	
Client ID: ZZZZZ	Batch ID: R17958	Method: SW6010B		Analysis Date: 7/27/2009		SeqNo: 462735	
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: CCVH4	SampType: CCVH	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17958
Client ID: ZZZZZ	Batch ID: R17958	Method: SW6010B		Analysis Date: 7/27/2009		SeqNo:	462745
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	49.6	1.0	50	0	99	90	110				
Chromium	5.27	0.010	5	0	105	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.4	0.050	10	0	104	90	110				
Lead	10.1	0.010	10	0	101	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	51.9	1.0	50	0	104	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCV4	SampType: CCV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17958
Client ID: ZZZZZ	Batch ID: R17958	Method: SW6010B		Analysis Date: 7/27/2009		SeqNo:	462746
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.99	0.10	5	0	100	90	110				
Antimony	0.489	0.060	0.5	0	98	90	110				
Arsenic	0.502	0.010	0.5	0	100	90	110				
Barium	0.511	0.10	0.5	0	102	90	110				
Beryllium	0.494	0.010	0.5	0	99	90	110				
Boron	0.513	0.050	0.5	0	103	90	110				
Cadmium	0.514	0.010	0.5	0	103	90	110				
Calcium	9.93	1.0	10	0	99	90	110				
Chromium	0.507	0.010	0.5	0	101	90	110				
Cobalt	0.511	0.050	0.5	0	102	90	110				
Copper	0.501	0.010	0.5	0	100	90	110				
Iron	0.981	0.050	1	0	98	90	110				
Lead	0.498	0.010	0.5	0	100	90	110				
Magnesium	10.2	1.0	10	0	102	90	110				
Manganese	0.486	0.050	0.5	0	97	90	110				
Molybdenum	0.509	0.050	0.5	0	102	90	110				
Nickel	0.511	0.050	0.5	0	102	90	110				
Potassium	11.4	5.0	10	0	114	90	110				S
Selenium	0.492	0.010	0.5	0	98	90	110				
Silver	0.247	0.010	0.25	0	99	90	110				
Sodium	10.3	1.0	10	0	103	90	110				
Strontium	0.487	0.050	0.5	0	97	90	110				
Thallium	0.509	0.020	0.5	0	102	90	110				
Tin	0.503	0.050	0.5	0	101	90	110				
Titanium	0.484	0.050	0.5	0	97	90	110				
Vanadium	0.503	0.050	0.5	0	101	90	110				
Zinc	0.505	0.020	0.5	0	101	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID:	CCB4	SampType:	CCB	TestCode:	6010W05	Units:	mg/L	Prep Date:		RunNo:	17958	
Client ID:	ZZZZZ	Batch ID:	R17958	Method:	SW6010B			Analysis Date:	7/27/2009	SeqNo:	462747	
Instrument:		ColumnID:										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCVH5**	SampType: **CCVH**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17958**
Client ID: **ZZZZZ**	Batch ID: **R17958**	Method: **SW6010B**		Analysis Date: **7/27/2009**		SeqNo:	**462758**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	48.7	1.0	50	0	97	90	110				
Chromium	4.98	0.010	5	0	100	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.0	0.050	10	0	100	90	110				
Lead	9.83	0.010	10	0	98	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	49.3	1.0	50	0	99	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: CCV5	SampType: CCV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17958
Client ID: ZZZZZ	Batch ID: R17958	Method: SW6010B		Analysis Date: 7/27/2009		SeqNo:	462759
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.94	0.10	5	0	99	90	110				
Antimony	0.484	0.060	0.5	0	97	90	110				
Arsenic	0.492	0.010	0.5	0	98	90	110				
Barium	0.513	0.10	0.5	0	103	90	110				
Beryllium	0.488	0.010	0.5	0	98	90	110				
Boron	0.505	0.050	0.5	0	101	90	110				
Cadmium	0.504	0.010	0.5	0	101	90	110				
Calcium	9.77	1.0	10	0	98	90	110				
Chromium	0.496	0.010	0.5	0	99	90	110				
Cobalt	0.497	0.050	0.5	0	99	90	110				
Copper	0.499	0.010	0.5	0	100	90	110				
Iron	0.966	0.050	1	0	97	90	110				
Lead	0.491	0.010	0.5	0	98	90	110				
Magnesium	9.90	1.0	10	0	99	90	110				
Manganese	0.479	0.050	0.5	0	96	90	110				
Molybdenum	0.503	0.050	0.5	0	101	90	110				
Nickel	0.503	0.050	0.5	0	101	90	110				
Potassium	10.7	5.0	10	0	107	90	110				
Selenium	0.486	0.010	0.5	0	97	90	110				
Silver	0.246	0.010	0.25	0	98	90	110				
Sodium	9.98	1.0	10	0	100	90	110				
Strontium	0.486	0.050	0.5	0	97	90	110				
Thallium	0.488	0.020	0.5	0	98	90	110				
Tin	0.485	0.050	0.5	0	97	90	110				
Titanium	0.479	0.050	0.5	0	96	90	110				
Vanadium	0.498	0.050	0.5	0	100	90	110				
Zinc	0.501	0.020	0.5	0	100	90	110				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Practical Quantitation Limit (PQL)
- U Not Detected at the MDC or RL
- E Value exceeds the instrument calibration range
- R RPD exceeds accepted precision limit
- J Analyte detected below the PQL
- S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCB5**	SampType: **CCB**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:	RunNo: **17958**
Client ID: **ZZZZZ**	Batch ID: **R17958**	Method: **SW6010B**	Analysis Date: **7/27/2009**	SeqNo: **462760**
Instrument:	ColumnID:				

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCVH6	SampType: CCVH	TestCode: 6010W05	Units: mg/L	Prep Date:			RunNo: 17958		
Client ID: ZZZZZ	Batch ID: R17958	Method: SW6010B		Analysis Date: 7/27/2009			SeqNo: 462766		
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	49.2	1.0	50	0	98	90	110				
Chromium	5.11	0.010	5	0	102	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.2	0.050	10	0	102	90	110				
Lead	9.93	0.010	10	0	99	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	50.5	1.0	50	0	101	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCV6	SampType: CCV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17958
Client ID: ZZZZZ	Batch ID: R17958	Method: SW6010B		Analysis Date: 7/27/2009		SeqNo:	462767
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.84	0.10	5	0	97	90	110				
Antimony	0.486	0.060	0.5	0	97	90	110				
Arsenic	0.497	0.010	0.5	0	99	90	110				
Barium	0.514	0.10	0.5	0	103	90	110				
Beryllium	0.491	0.010	0.5	0	98	90	110				
Boron	0.512	0.050	0.5	0	102	90	110				
Cadmium	0.511	0.010	0.5	0	102	90	110				
Calcium	9.92	1.0	10	0	99	90	110				
Chromium	0.507	0.010	0.5	0	101	90	110				
Cobalt	0.505	0.050	0.5	0	101	90	110				
Copper	0.500	0.010	0.5	0	100	90	110				
Iron	0.989	0.050	1	0	99	90	110				
Lead	0.499	0.010	0.5	0	100	90	110				
Magnesium	10.0	1.0	10	0	100	90	110				
Manganese	0.483	0.050	0.5	0	97	90	110				
Molybdenum	0.507	0.050	0.5	0	101	90	110				
Nickel	0.510	0.050	0.5	0	102	90	110				
Potassium	11.1	5.0	10	0	111	90	110				S
Selenium	0.491	0.010	0.5	0	98	90	110				
Silver	0.246	0.010	0.25	0	98	90	110				
Sodium	10.3	1.0	10	0	103	90	110				
Strontium	0.487	0.050	0.5	0	97	90	110				
Thallium	0.501	0.020	0.5	0	100	90	110				
Tin	0.495	0.050	0.5	0	99	90	110				
Titanium	0.482	0.050	0.5	0	96	90	110				
Vanadium	0.501	0.050	0.5	0	100	90	110				
Zinc	0.505	0.020	0.5	0	101	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCB6**	SampType: **CCB**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17958**
Client ID: **ZZZZZ**	Batch ID: **R17958**	Method: **SW6010B**		Analysis Date: **7/27/2009**		SeqNo:	**462768**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **ICVH**	SampType: **ICVH**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17953**
Client ID: **ZZZZZ**	Batch ID: **R17953**	Method: **SW6010B**		Analysis Date: **7/28/2009**		SeqNo:	**462829**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	49.1	1.0	50	0	98	90	110				
Chromium	4.98	0.010	5	0	100	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.1	0.050	10	0	101	90	110				
Lead	9.88	0.010	10	0	99	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	47.7	1.0	50	0	95	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: ICV	SampType: ICV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17953
Client ID: ZZZZZ	Batch ID: R17953	Method: SW6010B		Analysis Date: 7/28/2009		SeqNo:	462830
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	0.971	0.10	1	0	97	90	110				
Antimony	0.211	0.060	0.2	0	105	90	110				
Arsenic	0.200	0.010	0.2	0	100	90	110				
Barium	0.191	0.10	0.2	0	95	90	110				
Beryllium	0.199	0.010	0.2	0	100	90	110				
Boron	0.496	0.050	0.5	0	99	90	110				
Cadmium	0.195	0.010	0.2	0	98	90	110				
Calcium	9.71	1.0	10	0	97	90	110				
Chromium	0.198	0.010	0.2	0	99	90	110				
Cobalt	0.197	0.050	0.2	0	98	90	110				
Copper	0.199	0.010	0.2	0	99	90	110				
Iron	0.998	0.050	1	0	100	90	110				
Lead	0.202	0.010	0.2	0	101	90	110				
Magnesium	9.86	1.0	10	0	99	90	110				
Manganese	0.199	0.050	0.2	0	100	90	110				
Molybdenum	0.197	0.050	0.2	0	99	90	110				
Nickel	0.200	0.050	0.2	0	100	90	110				
Potassium	10.1	5.0	10	0	101	90	110				
Selenium	0.196	0.010	0.2	0	98	90	110				
Silver	0.0478	0.010	0.05	0	96	90	110				
Sodium	9.54	1.0	10	0	95	90	110				
Strontium	0.196	0.050	0.2	0	98	90	110				
Thallium	0.197	0.020	0.2	0	98	90	110				
Tin	0.202	0.050	0.2	0	101	90	110				
Titanium	0.205	0.050	0.2	0	103	90	110				
Vanadium	0.200	0.050	0.2	0	100	90	110				
Zinc	0.201	0.020	0.2	0	101	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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30-Jul-09

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCV/IPC	SampType: CCV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17953
Client ID: ZZZZZ	Batch ID: R17953	Method: SW6010B		Analysis Date: 7/28/2009		SeqNo:	462831
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	5.01	0.10	5	0	100	90	110				
Antimony	0.501	0.060	0.5	0	100	90	110				
Arsenic	0.504	0.010	0.5	0	101	90	110				
Barium	0.502	0.10	0.5	0	100	90	110				
Beryllium	0.502	0.010	0.5	0	100	90	110				
Boron	0.505	0.050	0.5	0	101	90	110				
Cadmium	0.508	0.010	0.5	0	102	90	110				
Calcium	9.98	1.0	10	0	100	90	110				
Chromium	0.507	0.010	0.5	0	101	90	110				
Cobalt	0.508	0.050	0.5	0	102	90	110				
Copper	0.503	0.010	0.5	0	101	90	110				
Iron	1.01	0.050	1	0	101	90	110				
Lead	0.505	0.010	0.5	0	101	90	110				
Magnesium	10.1	1.0	10	0	101	90	110				
Manganese	0.507	0.050	0.5	0	101	90	110				
Molybdenum	0.505	0.050	0.5	0	101	90	110				
Nickel	0.508	0.050	0.5	0	102	90	110				
Potassium	10.8	5.0	10	0	108	90	110				
Selenium	0.501	0.010	0.5	0	100	90	110				
Silver	0.250	0.010	0.25	0	100	90	110				
Sodium	9.96	1.0	10	0	100	90	110				
Strontium	0.505	0.050	0.5	0	101	90	110				
Thallium	0.504	0.020	0.5	0	101	90	110				
Tin	0.505	0.050	0.5	0	101	90	110				
Titanium	0.504	0.050	0.5	0	101	90	110				
Vanadium	0.505	0.050	0.5	0	101	90	110				
Zinc	0.509	0.020	0.5	0	102	90	110				

Qualifiers:
B Analyte detected in the associated Method Blank
ND Not Detected at the Practical Quantitation Limit (PQL)
U Not Detected at the MDC or RL
E Value exceeds the instrument calibration range
R RPD exceeds accepted precision limit
J Analyte detected below the PQL
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: ICB	SampType: ICB	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17953
Client ID: ZZZZZ	Batch ID: R17953	Method: SW6010B		Analysis Date: 7/28/2009		SeqNo:	462832
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCVH1**	SampType: **CCVH**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17953**
Client ID: **ZZZZZ**	Batch ID: **R17953**	Method: **SW6010B**		Analysis Date: **7/28/2009**		SeqNo:	**462843**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	49.3	1.0	50	0	99	90	110				
Chromium	5.09	0.010	5	0	102	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.2	0.050	10	0	102	90	110				
Lead	9.97	0.010	10	0	100	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	48.9	1.0	50	0	98	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: CCV1	SampType: CCV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17953
Client ID: ZZZZZ	Batch ID: R17953	Method: SW6010B		Analysis Date: 7/28/2009		SeqNo:	462844
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.87	0.10	5	0	97	90	110				
Antimony	0.494	0.060	0.5	0	99	90	110				
Arsenic	0.503	0.010	0.5	0	101	90	110				
Barium	0.507	0.10	0.5	0	101	90	110				
Beryllium	0.498	0.010	0.5	0	100	90	110				
Boron	0.509	0.050	0.5	0	102	90	110				
Cadmium	0.508	0.010	0.5	0	102	90	110				
Calcium	10.0	1.0	10	0	100	90	110				
Chromium	0.508	0.010	0.5	0	102	90	110				
Cobalt	0.510	0.050	0.5	0	102	90	110				
Copper	0.504	0.010	0.5	0	101	90	110				
Iron	1.00	0.050	1	0	100	90	110				
Lead	0.503	0.010	0.5	0	101	90	110				
Magnesium	10.1	1.0	10	0	101	90	110				
Manganese	0.507	0.050	0.5	0	101	90	110				
Molybdenum	0.507	0.050	0.5	0	101	90	110				
Nickel	0.506	0.050	0.5	0	101	90	110				
Potassium	10.8	5.0	10	0	108	90	110				
Selenium	0.496	0.010	0.5	0	99	90	110				
Silver	0.250	0.010	0.25	0	100	90	110				
Sodium	9.83	1.0	10	0	98	90	110				
Strontium	0.499	0.050	0.5	0	100	90	110				
Thallium	0.504	0.020	0.5	0	101	90	110				
Tin	0.502	0.050	0.5	0	100	90	110				
Titanium	0.482	0.050	0.5	0	96	90	110				
Vanadium	0.506	0.050	0.5	0	101	90	110				
Zinc	0.515	0.020	0.5	0	103	90	110				

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- ND Not Detected at the Practical Quantitation Limit (PQL)
- R RPD exceeds accepted precision limit
- S Spike Recovery outside accepted recovery limits
- U Not Detected at the MDC or RL

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCB1	SampType: CCB	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17953
Client ID: ZZZZZ	Batch ID: R17953	Method: SW6010B		Analysis Date: 7/28/2009		SeqNo:	462845
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCVH2	SampType: CCVH	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo: 17953			
Client ID: ZZZZZ	Batch ID: R17953	Method: SW6010B		Analysis Date: 7/28/2009		SeqNo: 462856			
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	49.2	1.0	50	0	98	90	110				
Chromium	5.09	0.010	5	0	102	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.2	0.050	10	0	102	90	110				
Lead	9.96	0.010	10	0	100	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	49.1	1.0	50	0	98	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV2**	SampType: **CCV**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17953**
Client ID: **ZZZZZ**	Batch ID: **R17953**	Method: **SW6010B**		Analysis Date:	**7/28/2009**	SeqNo:	**462857**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.82	0.10	5	0	96	90	110				
Antimony	0.491	0.060	0.5	0	98	90	110				
Arsenic	0.494	0.010	0.5	0	99	90	110				
Barium	0.501	0.10	0.5	0	100	90	110				
Beryllium	0.491	0.010	0.5	0	98	90	110				
Boron	0.499	0.050	0.5	0	100	90	110				
Cadmium	0.500	0.010	0.5	0	100	90	110				
Calcium	9.91	1.0	10	0	99	90	110				
Chromium	0.501	0.010	0.5	0	100	90	110				
Cobalt	0.502	0.050	0.5	0	100	90	110				
Copper	0.496	0.010	0.5	0	99	90	110				
Iron	0.986	0.050	1	0	99	90	110				
Lead	0.502	0.010	0.5	0	100	90	110				
Magnesium	10.0	1.0	10	0	100	90	110				
Manganese	0.499	0.050	0.5	0	100	90	110				
Molybdenum	0.499	0.050	0.5	0	100	90	110				
Nickel	0.498	0.050	0.5	0	100	90	110				
Potassium	10.8	5.0	10	0	108	90	110				
Selenium	0.493	0.010	0.5	0	99	90	110				
Silver	0.247	0.010	0.25	0	99	90	110				
Sodium	9.85	1.0	10	0	99	90	110				
Strontium	0.491	0.050	0.5	0	98	90	110				
Thallium	0.495	0.020	0.5	0	99	90	110				
Tin	0.494	0.050	0.5	0	99	90	110				
Titanium	0.476	0.050	0.5	0	95	90	110				
Vanadium	0.499	0.050	0.5	0	100	90	110				
Zinc	0.507	0.020	0.5	0	101	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCB2	SampType: CCB	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17953
Client ID: ZZZZZ	Batch ID: R17953	Method: SW6010B		Analysis Date: 7/28/2009		SeqNo:	462858
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCVH3**	SampType: **CCVH**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17953**
Client ID: **ZZZZZ**	Batch ID: **R17953**	Method: **SW6010B**		Analysis Date: **7/28/2009**		SeqNo:	**462869**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	48.8	1.0	50	0	98	90	110				
Chromium	5.07	0.010	5	0	101	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.2	0.050	10	0	102	90	110				
Lead	9.89	0.010	10	0	99	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	49.0	1.0	50	0	98	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Practical Quantitation Limit (PQL)
- U Not Detected at the MDC or RL
- E Value exceeds the instrument calibration range
- R RPD exceeds accepted precision limit
- J Analyte detected below the PQL
- S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV3**	SampType: **CCV**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17953**
Client ID: **ZZZZZ**	Batch ID: **R17953**	Method: **SW6010B**		Analysis Date:	**7/28/2009**	SeqNo:	**462870**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.95	0.10	5	0	99	90	110				
Antimony	0.491	0.060	0.5	0	98	90	110				
Arsenic	0.499	0.010	0.5	0	100	90	110				
Barium	0.505	0.10	0.5	0	101	90	110				
Beryllium	0.495	0.010	0.5	0	99	90	110				
Boron	0.504	0.050	0.5	0	101	90	110				
Cadmium	0.504	0.010	0.5	0	101	90	110				
Calcium	10.0	1.0	10	0	100	90	110				
Chromium	0.505	0.010	0.5	0	101	90	110				
Cobalt	0.506	0.050	0.5	0	101	90	110				
Copper	0.501	0.010	0.5	0	100	90	110				
Iron	0.995	0.050	1	0	100	90	110				
Lead	0.500	0.010	0.5	0	100	90	110				
Magnesium	10.1	1.0	10	0	101	90	110				
Manganese	0.502	0.050	0.5	0	100	90	110				
Molybdenum	0.504	0.050	0.5	0	101	90	110				
Nickel	0.503	0.050	0.5	0	101	90	110				
Potassium	10.8	5.0	10	0	108	90	110				
Selenium	0.492	0.010	0.5	0	98	90	110				
Silver	0.248	0.010	0.25	0	99	90	110				
Sodium	9.90	1.0	10	0	99	90	110				
Strontium	0.495	0.050	0.5	0	99	90	110				
Thallium	0.497	0.020	0.5	0	99	90	110				
Tin	0.496	0.050	0.5	0	99	90	110				
Titanium	0.479	0.050	0.5	0	96	90	110				
Vanadium	0.503	0.050	0.5	0	101	90	110				
Zinc	0.512	0.020	0.5	0	102	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCB3**	SampType: **CCB**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17953**
Client ID: **ZZZZZ**	Batch ID: **R17953**	Method: **SW6010B**		Analysis Date: **7/28/2009**		SeqNo:	**462871**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCVH4	SampType: CCVH	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17953
Client ID: ZZZZZ	Batch ID: R17953	Method: SW6010B		Analysis Date: 7/28/2009		SeqNo:	462882
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	48.6	1.0	50	0	97	90	110				
Chromium	5.05	0.010	5	0	101	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.1	0.050	10	0	101	90	110				
Lead	9.90	0.010	10	0	99	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	49.1	1.0	50	0	98	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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30-Jul-09

Life Science Laboratories, Inc.

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCV4	SampType: CCV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17953
Client ID: ZZZZZ	Batch ID: R17953	Method: SW6010B		Analysis Date: 7/28/2009		SeqNo:	462883
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.95	0.10	5	0	99	90	110				
Antimony	0.489	0.060	0.5	0	98	90	110				
Arsenic	0.495	0.010	0.5	0	99	90	110				
Barium	0.501	0.10	0.5	0	100	90	110				
Beryllium	0.491	0.010	0.5	0	98	90	110				
Boron	0.501	0.050	0.5	0	100	90	110				
Cadmium	0.502	0.010	0.5	0	100	90	110				
Calcium	9.99	1.0	10	0	100	90	110				
Chromium	0.503	0.010	0.5	0	101	90	110				
Cobalt	0.503	0.050	0.5	0	101	90	110				
Copper	0.498	0.010	0.5	0	100	90	110				
Iron	0.990	0.050	1	0	99	90	110				
Lead	0.498	0.010	0.5	0	100	90	110				
Magnesium	10.1	1.0	10	0	101	90	110				
Manganese	0.498	0.050	0.5	0	100	90	110				
Molybdenum	0.502	0.050	0.5	0	100	90	110				
Nickel	0.502	0.050	0.5	0	100	90	110				
Potassium	10.8	5.0	10	0	108	90	110				
Selenium	0.489	0.010	0.5	0	98	90	110				
Silver	0.247	0.010	0.25	0	99	90	110				
Sodium	9.94	1.0	10	0	99	90	110				
Strontium	0.490	0.050	0.5	0	98	90	110				
Thallium	0.498	0.020	0.5	0	100	90	110				
Tin	0.493	0.050	0.5	0	99	90	110				
Titanium	0.476	0.050	0.5	0	95	90	110				
Vanadium	0.501	0.050	0.5	0	100	90	110				
Zinc	0.508	0.020	0.5	0	102	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCB4**	SampType: **CCB**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17953**
Client ID: **ZZZZZ**	Batch ID: **R17953**	Method: **SW6010B**		Analysis Date: **7/28/2009**		SeqNo:	**462884**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCVH5	SampType: CCVH	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17953
Client ID: ZZZZZ	Batch ID: R17953	Method: SW6010B		Analysis Date: 7/28/2009		SeqNo:	462895
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	48.4	1.0	50	0	97	90	110				
Chromium	5.04	0.010	5	0	101	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.1	0.050	10	0	101	90	110				
Lead	9.91	0.010	10	0	99	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	49.1	1.0	50	0	98	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCV5	SampType: CCV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17953
Client ID: ZZZZZ	Batch ID: R17953	Method: SW6010B		Analysis Date: 7/28/2009		SeqNo:	462896
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.92	0.10	5	0	98	90	110				
Antimony	0.488	0.060	0.5	0	98	90	110				
Arsenic	0.494	0.010	0.5	0	99	90	110				
Barium	0.498	0.10	0.5	0	100	90	110				
Beryllium	0.487	0.010	0.5	0	97	90	110				
Boron	0.497	0.050	0.5	0	99	90	110				
Cadmium	0.498	0.010	0.5	0	100	90	110				
Calcium	9.93	1.0	10	0	99	90	110				
Chromium	0.499	0.010	0.5	0	100	90	110				
Cobalt	0.498	0.050	0.5	0	100	90	110				
Copper	0.495	0.010	0.5	0	99	90	110				
Iron	0.984	0.050	1	0	98	90	110				
Lead	0.494	0.010	0.5	0	99	90	110				
Magnesium	9.96	1.0	10	0	100	90	110				
Manganese	0.494	0.050	0.5	0	99	90	110				
Molybdenum	0.499	0.050	0.5	0	100	90	110				
Nickel	0.500	0.050	0.5	0	100	90	110				
Potassium	10.8	5.0	10	0	108	90	110				
Selenium	0.487	0.010	0.5	0	97	90	110				
Silver	0.246	0.010	0.25	0	98	90	110				
Sodium	9.95	1.0	10	0	99	90	110				
Strontium	0.488	0.050	0.5	0	98	90	110				
Thallium	0.491	0.020	0.5	0	98	90	110				
Tin	0.490	0.050	0.5	0	98	90	110				
Titanium	0.472	0.050	0.5	0	94	90	110				
Vanadium	0.498	0.050	0.5	0	100	90	110				
Zinc	0.503	0.020	0.5	0	101	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCB5**	SampType: **CCB**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo: **17953**			
Client ID: **ZZZZZ**	Batch ID: **R17953**	Method: **SW6010B**		Analysis Date: **7/28/2009**		SeqNo: **462897**			
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

Life Science Laboratories, Inc.

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East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW6010B

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: **CCVH6**	SampType: **CCVH**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17953**
Client ID: **ZZZZZ**	Batch ID: **R17953**	Method: **SW6010B**		Analysis Date:	**7/28/2009**	SeqNo:	**462907**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	47.9	1.0	50	0	96	90	110				
Chromium	4.96	0.010	5	0	99	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.1	0.050	10	0	101	90	110				
Lead	9.86	0.010	10	0	99	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	48.8	1.0	50	0	98	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

Life Science Laboratories, Inc.

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV6**	SampType: **CCV**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17953**
Client ID: **ZZZZZ**	Batch ID: **R17953**	Method: **SW6010B**		Analysis Date: **7/28/2009**		SeqNo:	**462908**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.90	0.10	5	0	98	90	110				
Antimony	0.484	0.060	0.5	0	97	90	110				
Arsenic	0.490	0.010	0.5	0	98	90	110				
Barium	0.498	0.10	0.5	0	100	90	110				
Beryllium	0.485	0.010	0.5	0	97	90	110				
Boron	0.493	0.050	0.5	0	99	90	110				
Cadmium	0.494	0.010	0.5	0	99	90	110				
Calcium	9.89	1.0	10	0	99	90	110				
Chromium	0.495	0.010	0.5	0	99	90	110				
Cobalt	0.493	0.050	0.5	0	99	90	110				
Copper	0.495	0.010	0.5	0	99	90	110				
Iron	0.978	0.050	1	0	98	90	110				
Lead	0.487	0.010	0.5	0	97	90	110				
Magnesium	9.84	1.0	10	0	98	90	110				
Manganese	0.491	0.050	0.5	0	98	90	110				
Molybdenum	0.496	0.050	0.5	0	99	90	110				
Nickel	0.497	0.050	0.5	0	99	90	110				
Potassium	10.6	5.0	10	0	106	90	110				
Selenium	0.479	0.010	0.5	0	96	90	110				
Silver	0.244	0.010	0.25	0	98	90	110				
Sodium	9.83	1.0	10	0	98	90	110				
Strontium	0.487	0.050	0.5	0	97	90	110				
Thallium	0.483	0.020	0.5	0	97	90	110				
Tin	0.481	0.050	0.5	0	96	90	110				
Titanium	0.470	0.050	0.5	0	94	90	110				
Vanadium	0.497	0.050	0.5	0	99	90	110				
Zinc	0.501	0.020	0.5	0	100	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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30-Jul-09

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	CCB6	SampType:	CCB	TestCode:	6010W05	Units:	mg/L
Client ID:	ZZZZZ	Batch ID:	R17953	Method:	SW6010B		
Instrument:		ColumnID:					

Prep Date:		RunNo:	17953								
Analysis Date:	7/28/2009	SeqNo:	462909								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCVH7**	SampType: **CCVH**	TestCode: **6010W05**	Units: **mg/L**	Prep Date:		RunNo:	**17953**
Client ID: **ZZZZZ**	Batch ID: **R17953**	Method: **SW6010B**		Analysis Date: **7/28/2009**		SeqNo:	**462915**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	47.8	1.0	50	0	96	90	110				
Chromium	4.93	0.010	5	0	99	90	110				
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	10.0	0.050	10	0	100	90	110				
Lead	9.84	0.010	10	0	98	90	110				
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	48.6	1.0	50	0	97	90	110				
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCV7	SampType: CCV	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17953
Client ID: ZZZZZ	Batch ID: R17953	Method: SW6010B		Analysis Date: 7/28/2009		SeqNo:	462916
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	4.92	0.10	5	0	98	90	110				
Antimony	0.486	0.060	0.5	0	97	90	110				
Arsenic	0.491	0.010	0.5	0	98	90	110				
Barium	0.499	0.10	0.5	0	100	90	110				
Beryllium	0.484	0.010	0.5	0	97	90	110				
Boron	0.493	0.050	0.5	0	99	90	110				
Cadmium	0.494	0.010	0.5	0	99	90	110				
Calcium	9.90	1.0	10	0	99	90	110				
Chromium	0.496	0.010	0.5	0	99	90	110				
Cobalt	0.493	0.050	0.5	0	99	90	110				
Copper	0.495	0.010	0.5	0	99	90	110				
Iron	0.981	0.050	1	0	98	90	110				
Lead	0.489	0.010	0.5	0	98	90	110				
Magnesium	9.80	1.0	10	0	98	90	110				
Manganese	0.491	0.050	0.5	0	98	90	110				
Molybdenum	0.494	0.050	0.5	0	99	90	110				
Nickel	0.498	0.050	0.5	0	100	90	110				
Potassium	10.7	5.0	10	0	107	90	110				
Selenium	0.481	0.010	0.5	0	96	90	110				
Silver	0.244	0.010	0.25	0	98	90	110				
Sodium	9.92	1.0	10	0	99	90	110				
Strontium	0.488	0.050	0.5	0	98	90	110				
Thallium	0.483	0.020	0.5	0	97	90	110				
Tin	0.480	0.050	0.5	0	96	90	110				
Titanium	0.469	0.050	0.5	0	94	90	110				
Vanadium	0.497	0.050	0.5	0	99	90	110				
Zinc	0.500	0.020	0.5	0	100	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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30-Jul-09

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCB7	SampType: CCB	TestCode: 6010W05	Units: mg/L	Prep Date:		RunNo:	17953
Client ID: ZZZZZ	Batch ID: R17953	Method: SW6010B		Analysis Date: 7/28/2009		SeqNo:	462917
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.10									
Antimony	ND	0.060									
Arsenic	ND	0.010									
Barium	ND	0.10									
Beryllium	ND	0.010									
Boron	ND	0.050									
Cadmium	ND	0.010									
Calcium	ND	1.0									
Chromium	ND	0.010									
Cobalt	ND	0.050									
Copper	ND	0.010									
Iron	ND	0.050									
Lead	ND	0.010									
Magnesium	ND	1.0									
Manganese	ND	0.050									
Molybdenum	ND	0.050									
Nickel	ND	0.050									
Potassium	ND	5.0									
Selenium	ND	0.010									
Silver	ND	0.010									
Sodium	ND	1.0									
Strontium	ND	0.050									
Thallium	ND	0.020									
Tin	ND	0.050									
Titanium	ND	0.050									
Vanadium	ND	0.050									
Zinc	ND	0.020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

2B
CRDL STANDARD FOR AA AND ICP

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

AA CRDL Standard Source:

ICP CRDL Standard Source:

Concentration Units: ug/L

	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
Analyte	True	Found	%R	True	Found	%R	Found	%R
Arsenic				10.0	10.64	106.4		
Barium				100.0	99.77	99.8		
Cadmium				10.0	8.80	88.0		
Chromium				10.0	10.36	103.6		
Lead				10.0	10.07	100.7		
Selenium				10.0	9.66	96.6		
Silver				10.0	10.33	103.3		

2B
CRDL STANDARD FOR AA AND ICP

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

AA CRDL Standard Source:

ICP CRDL Standard Source:

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Arsenic				10.0	10.60	106.0		
Barium				100.0	98.56	98.6		
Cadmium				10.0	8.67	86.7		
Chromium				10.0	9.76	97.6		
Lead				10.0	10.31	103.1		
Selenium				10.0	10.45	104.5		
Silver				10.0	10.26	102.6		

2B
CRDL STANDARD FOR AA AND ICP

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

AA CRDL Standard Source:

ICP CRDL Standard Source:

Concentration Units: ug/L

	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
Analyte	True	Found	%R	True	Found	%R	Found	%R
Arsenic				10.00			9.92	99.2
Barium				100.00			99.80	99.8
Cadmium				10.00			8.82	88.2
Chromium				10.00			10.43	104.3
Lead				10.00			10.13	101.3
Selenium				10.00			7.96	79.6
Silver				10.00			10.67	106.7

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **MB-9759**	SampType: **MBLK**	TestCode: **6010S**	Units: **mg/Kg**	Prep Date: **7/23/2009**	RunNo: **17922**		
Client ID: **ZZZZZ**	Batch ID: **9759**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/24/2009**	SeqNo: **462396**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.0									
Barium	ND	10									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Lead	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **MB-9760**	SampType: **MBLK**	TestCode: **6010S**	Units: **mg/Kg**	Prep Date: **7/23/2009**	RunNo: **17922**		
Client ID: **ZZZZZ**	Batch ID: **9760**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/24/2009**	SeqNo: **462427**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.0									
Barium	ND	10									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Lead	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **MB-9762**	SampType: **MBLK**	TestCode: **6010S**	Units: **mg/Kg**	Prep Date: **7/24/2009**	RunNo: **17958**
Client ID: **ZZZZZ**	Batch ID: **9762**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**	SeqNo: **462700**
Instrument:	ColumnID:				

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.0									
Barium	ND	10									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Lead	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **MB-9788**	SampType: **MBLK**	TestCode: **6010W05**	Units: **mg/L**	Prep Date: **7/28/2009**	RunNo: **17953**		
Client ID: **ZZZZZ**	Batch ID: **9788**	Method: **SW6010B**	**(SW3005A)**	Analysis Date: **7/28/2009**	SeqNo: **462910**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.010									
Barium	ND	0.10									
Cadmium	ND	0.010									
Chromium	ND	0.010									
Lead	ND	0.010									
Selenium	ND	0.010									
Silver	ND	0.010									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ICP INTERFERENCE CHECK SAMPLE

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

ICP ID Number: ICAP 61E ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Aluminum	500000	500000	453638	442246.5	88.4	468522	458677.9	91.7
Antimony	0	600	-1	606.4	101.1	3	629.0	104.8
Arsenic	0	100	1	98.6	98.6	0	104.7	104.7
Barium	0	500	-2	463.5	92.7	-2	483.7	96.7
Beryllium	0	500	0	470.7	94.1	0	495.3	99.1
Boron	0	500	0	478.0	95.6	1	506.8	101.4
Cadmium	0	1000	0	878.6	87.9	0	930.9	93.1
Calcium	500000	500000	496865	486415.3	97.3	507274	503740.7	100.7
Chromium	0	500	-1	452.4	90.5	-1	475.3	95.1
Cobalt	0	500	-1	447.4	89.5	0	471.8	94.4
Copper	0	500	0	503.3	100.7	0	525.1	105.0
Iron	200000	200000	184572	180340.7	90.2	189616	188726.4	94.4
Lead	0	50	2	45.3	90.7	6	52.6	105.3
Magnesium	500000	500000	479592	466963.1	93.4	497403	493114.9	98.6
Manganese	0	500	0	463.9	92.8	-1	475.8	95.2
Molybdenum	0	500	0	453.6	90.7	-1	477.7	95.5
Nickel	0	1000	0	887.0	88.7	-1	934.8	93.5
Potassium	0	0	-291	7282.8		-250	7665.7	0.0
Selenium	0	50	4	50.7	101.4	4	54.7	109.5
Silver	0	200	0	191.6	95.8	-1	199.7	99.9
Sodium	0	0	-14	1127.2		37	1197.4	0.0
Strontium	0	500	0	458.3	91.7	0	471.3	94.3
Thallium	0	100	5	93.7	93.7	8	106.9	106.9
Tin	0	500	3	462.1	92.4	7	488.3	97.7
Titanium	0	500	-1	470.1	94.0	-1	490.5	98.1
Vanadium	0	500	0	465.4	93.1	0	487.2	97.4
Zinc	0	1000	1	982.2	98.2	2	1015.2	101.5

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ICP INTERFERENCE CHECK SAMPLE

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

ICP ID Number: ICAP 61E ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Aluminum	500000	500000	453681	441948.3	88.4	447822	442098.4	88.4
Antimony	0	600	0	598.1	99.7	0	600.6	100.1
Arsenic	0	100	2	101.3	101.3	2	100.2	100.2
Barium	0	500	-2	466.9	93.4	-2	465.3	93.1
Beryllium	0	500	0	472.3	94.5	0	468.6	93.7
Boron	0	500	-1	481.6	96.3	0	481.4	96.3
Cadmium	0	1000	0	883.6	88.4	-1	882.1	88.2
Calcium	500000	500000	496082	486856.1	97.4	480049	476852.6	95.4
Chromium	0	500	-1	457.0	91.4	-1	456.9	91.4
Cobalt	0	500	-1	449.4	89.9	-1	446.5	89.3
Copper	0	500	-1	506.0	101.2	-1	505.8	101.2
Iron	200000	200000	184090	180507.4	90.3	180861	179657.9	89.8
Lead	0	50	-1	45.3	90.6	-1	43.3	86.7
Magnesium	500000	500000	481689	470675.8	94.1	471873	466529.7	93.3
Manganese	0	500	0	465.6	93.1	0	459.2	91.8
Molybdenum	0	500	0	456.2	91.2	0	456.1	91.2
Nickel	0	1000	0	892.1	89.2	0	899.2	89.9
Potassium	0	0	-337	7260.6		-323	7354.1	0.0
Selenium	0	50	5	51.3	102.7	5	51.4	102.8
Silver	0	200	0	192.0	96.0	0	191.2	95.6
Sodium	0	0	-16	1138.9		-5	1158.8	0.0
Strontium	0	500	-1	461.5	92.3	-1	456.9	91.4
Thallium	0	100	2	95.7	95.7	1	93.0	93.0
Tin	0	500	2	463.1	92.6	-1	456.4	91.3
Titanium	0	500	-1	471.5	94.3	-1	467.4	93.5
Vanadium	0	500	0	469.7	93.9	0	469.5	93.9
Zinc	0	1000	1	985.0	98.5	0	979.0	97.9

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ICP INTERFERENCE CHECK SAMPLE

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

ICP ID Number: ICAP 61E ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Aluminum	500000	500000	430462	421385.9	84.3	429197	425264.1	85.1
Antimony	0	600	-2	598.1	99.7	0	592.2	98.7
Arsenic	0	100	1	99.0	99.0	1	98.0	98.0
Barium	0	500	-2	460.4	92.1	-1	470.1	94.0
Beryllium	0	500	0	467.7	93.5	0	468.9	93.8
Boron	0	500	1	477.9	95.6	4	487.5	97.5
Cadmium	0	1000	0	879.6	88.0	1	896.1	89.6
Calcium	500000	500000	493768	485220.3	97.0	489189	483772.1	96.8
Chromium	0	500	-1	450.7	90.1	2	453.1	90.6
Cobalt	0	500	-1	446.1	89.2	1	446.9	89.4
Copper	0	500	-1	498.4	99.7	-1	497.8	99.6
Iron	200000	200000	182931	180222.6	90.1	180870	178937.0	89.5
Lead	0	50	3	46.5	92.9	7	50.4	100.7
Magnesium	500000	500000	471157	462021.7	92.4	470639	463909.2	92.8
Manganese	0	500	0	458.6	91.7	-1	442.5	88.5
Molybdenum	0	500	-2	455.0	91.0	-1	458.5	91.7
Nickel	0	1000	1	887.2	88.7	1	899.7	90.0
Potassium	0	0	-297	7212.0		-101	7433.6	0.0
Selenium	0	50	2	50.0	100.0	1	49.0	97.9
Silver	0	200	1	190.2	95.1	1	188.8	94.4
Sodium	0	0	-20	1125.4		-12	1166.5	0.0
Strontium	0	500	0	453.7	90.7	0	446.0	89.2
Thallium	0	100	11	102.6	102.6	15	101.9	101.9
Tin	0	500	7	461.6	92.3	7	462.8	92.6
Titanium	0	500	-1	466.1	93.2	0	472.2	94.4
Vanadium	0	500	0	463.8	92.8	1	463.9	92.8
Zinc	0	1000	0	976.6	97.7	2	973.3	97.3

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-001AMS**	SampType: **MS**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/23/2009**	RunNo: **17922**		
Client ID: **TP-26-2**	Batch ID: **9759**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/24/2009**	SeqNo: **462400**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	60.9	1.2	48.8	7.98	109	60	140				
Barium	359	12	48.8	307	106	60	140				
Cadmium	47.4	1.2	48.8	0.772	96	60	140				
Chromium	75.4	1.2	48.8	26.6	100	60	140				
Lead	1310	1.2	48.8	875	890	60	140				S
Selenium	47.8	1.2	48.8	1.01	96	60	140				
Silver	12.0	1.2	12.2	0	98	60	140				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-001AMSD**	SampType: **MSD**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/23/2009**	RunNo: **17922**		
Client ID: **TP-26-2**	Batch ID: **9759**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/24/2009**	SeqNo: **462401**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	64.2	1.2	48.8	7.98	115	60	140	60.9	5	20	
Barium	366	12	48.8	307	121	60	140	359	2	20	
Cadmium	46.8	1.2	48.8	0.772	94	60	140	47.4	1	20	
Chromium	74.2	1.2	48.8	26.6	98	60	140	75.4	2	20	
Lead	1210	1.2	48.8	875	682	60	140	1310	8	20	S
Selenium	47.4	1.2	48.8	1.01	95	60	140	47.8	1	20	
Silver	11.9	1.2	12.2	0	98	60	140	12	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-019AMS**	SampType: **MS**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/23/2009**	RunNo: **17922**		
Client ID: **TP-31-4**	Batch ID: **9760**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/24/2009**	SeqNo: **462433**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	109	1.2	49.8	98.4	22	60	140				S
Barium	341	12	49.8	209	264	60	140				S
Cadmium	50.1	1.2	49.8	2	97	60	140				
Chromium	67.3	1.2	49.8	15.7	104	60	140				
Lead	57300	1.2	49.8	97700	0	60	140				ES
Selenium	49.4	1.2	49.8	1.76	96	60	140				
Silver	14.9	1.2	12.4	10.8	33	60	140				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: 0907072-019AMSD	SampType: MSD	TestCode: 6010S	Units: mg/Kg-dry	Prep Date: 7/23/2009	RunNo: 17922		
Client ID: TP-31-4	Batch ID: 9760	Method: SW6010B	(SW3050B)	Analysis Date: 7/24/2009	SeqNo: 462434		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	132	1.2	49.8	98.4	67	60	140	109	19	20	
Barium	361	12	49.8	209	304	60	140	341	6	20	S
Cadmium	50.6	1.2	49.8	2	98	60	140	50.1	1	20	
Chromium	67.9	1.2	49.8	15.7	105	60	140	67.3	1	20	
Lead	70600	1.2	49.8	97700	0	60	140	57300	21	20	RES
Selenium	50.0	1.2	49.8	1.76	97	60	140	49.4	1	20	
Silver	15.7	1.2	12.4	10.8	40	60	140	14.9	5	20	S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-019AMS**	SampType: **MS**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/23/2009**	RunNo: **17958**
Client ID: **TP-31-4**	Batch ID: **9760**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**	SeqNo: **462739**
Instrument:	ColumnID:				

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	59400	6.2	49.8	99300	0	60	140				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-019AMSD**	SampType: **MSD**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/23/2009**	RunNo: **17958**				
Client ID: **TP-31-4**	Batch ID: **9760**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**	SeqNo: **462740**				
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	74200	6.2	49.8	99300	0	60	140	59400	22	20	RS

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-038AMS**	SampType: **MS**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/24/2009**	RunNo: **17958**				
Client ID: **TP-38-5**	Batch ID: **9762**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**	SeqNo: **462703**				
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	85.9	1.5	59.2	27.7	98	60	140				
Barium	274	15	59.2	231	74	60	140				
Cadmium	59.9	1.5	59.2	4.09	94	60	140				
Chromium	81.2	1.5	59.2	23.4	98	60	140				
Lead	32700	1.5	59.2	36600	0	60	140				ES
Selenium	57.6	1.5	59.2	2.75	93	60	140				
Silver	15.7	1.5	14.8	1.44	97	60	140				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-038AMSD**	SampType: **MSD**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/24/2009**	RunNo: **17958**		
Client ID: **TP-38-5**	Batch ID: **9762**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**	SeqNo: **462704**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	85.4	1.5	59.2	27.7	98	60	140	85.9	1	20	
Barium	288	15	59.2	231	98	60	140	274	5	20	
Cadmium	59.6	1.5	59.2	4.09	94	60	140	59.9	0	20	
Chromium	80.8	1.5	59.2	23.4	97	60	140	81.2	1	20	
Lead	37100	1.5	59.2	36600	867	60	140	32700	12	20	ES
Selenium	57.5	1.5	59.2	2.75	92	60	140	57.6	0	20	
Silver	16.0	1.5	14.8	1.44	99	60	140	15.7	2	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-038AMS**	SampType: **MS**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/24/2009**		RunNo: **17958**	
Client ID: **TP-38-5**	Batch ID: **9762**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**		SeqNo: **462749**	
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	33100	7.4	59.2	36900	0	60	140				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-038AMSD**	SampType: **MSD**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/24/2009**	RunNo: **17958**				
Client ID: **TP-38-5**	Batch ID: **9762**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**	SeqNo: **462750**				
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	37400	7.4	59.2	36900	854	60	140	33100	12	20	S

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
	ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
	U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-001A**	SampType: **PDS**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/23/2009**	RunNo: **17922**		
Client ID: **TP-26-2**	Batch ID: **9759**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/24/2009**	SeqNo: **462406**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	56.6	1.2	48.8	7.98	100	75	125				
Barium	338	12	48.8	307	64	75	125				S
Cadmium	46.0	1.2	48.8	0.772	93	75	125				
Chromium	71.7	1.2	48.8	26.6	92	75	125				
Lead	881	1.2	48.8	875	13	75	125				S
Selenium	48.0	1.2	48.8	1.01	96	75	125				
Silver	11.7	1.2	12.2	0	96	75	125				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-019A**	SampType: **PDS**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/23/2009**	RunNo: **17922**		
Client ID: **TP-31-4**	Batch ID: **9760**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/24/2009**	SeqNo: **462445**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	141	1.2	49.8	98.4	86	75	125				
Barium	242	12	49.8	209	67	75	125				S
Cadmium	49.7	1.2	49.8	2	96	75	125				
Chromium	62.9	1.2	49.8	15.7	95	75	125				
Lead	91100	1.2	49.8	97700	0	75	125				ES
Selenium	51.6	1.2	49.8	1.76	100	75	125				
Silver	22.0	1.2	12.4	10.8	90	75	125				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-019A**	SampType: **PDS**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/23/2009**	RunNo: **17958**		
Client ID: **TP-31-4**	Batch ID: **9760**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**	SeqNo: **462742**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	94900	6.2	249	99300	0	75	125				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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e: *29-Jul-09*

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-038A**	SampType: **PDS**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/24/2009**	RunNo: **17958**		
Client ID: **TP-38-5**	Batch ID: **9762**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**	SeqNo: **462706**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	87.1	1.5	59.2	27.7	100	75	125				
Barium	275	15	59.2	231	76	75	125				
Cadmium	60.9	1.5	59.2	4.09	96	75	125				
Chromium	79.9	1.5	59.2	23.4	96	75	125				
Lead	35000	1.5	59.2	36600	0	75	125				ES
Selenium	60.2	1.5	59.2	2.75	97	75	125				
Silver	15.6	1.5	14.8	1.44	96	75	125				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-038A**	SampType: **PDS**	TestCode: **6010S**	Units: **mg/Kg-dry**	Prep Date: **7/24/2009**		RunNo: **17958**	
Client ID: **TP-38-5**	Batch ID: **9762**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**		SeqNo: **462752**	
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	35000	7.4	296	36900	0	75	125				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **LCS-9759**	SampType: **LCS**	TestCode: **6010S**	Units: **mg/Kg**	Prep Date: **7/23/2009**	RunNo: **17922**		
Client ID: **ZZZZZ**	Batch ID: **9759**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/24/2009**	SeqNo: **462397**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	21.2	1.0	20	0	106	85	115				
Barium	20.6	10	20	0	103	85	115				
Cadmium	20.7	1.0	20	0	104	85	115				
Chromium	21.1	1.0	20	0	105	85	115				
Lead	22.2	1.0	20	0	111	85	115				
Selenium	20.1	1.0	20	0	101	85	115				
Silver	4.95	1.0	5	0	99	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **LCS-9760**	SampType: **LCS**	TestCode: **6010S**	Units: **mg/Kg**	Prep Date: **7/23/2009**	RunNo: **17922**		
Client ID: **ZZZZZ**	Batch ID: **9760**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/24/2009**	SeqNo: **462431**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	21.1	1.0	20	0	106	85	115				
Barium	20.1	10	20	0	101	85	115				
Cadmium	20.8	1.0	20	0	104	85	115				
Chromium	21.1	1.0	20	0	106	85	115				
Lead	21.9	1.0	20	0	109	85	115				
Selenium	20.3	1.0	20	0	101	85	115				
Silver	4.99	1.0	5	0	100	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **LCS-9762**	SampType: **LCS**	TestCode: **6010S**	Units: **mg/Kg**	Prep Date: **7/24/2009**	RunNo: **17958**		
Client ID: **ZZZZZ**	Batch ID: **9762**	Method: **SW6010B**	**(SW3050B)**	Analysis Date: **7/27/2009**	SeqNo: **462701**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	20.6	1.0	20	0	103	85	115				
Barium	19.9	10	20	0	100	85	115				
Cadmium	20.2	1.0	20	0	101	85	115				
Chromium	20.5	1.0	20	0	102	85	115				
Lead	21.3	1.0	20	0	106	85	115				
Selenium	19.6	1.0	20	0	98	85	115				
Silver	4.93	1.0	5	0	99	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW6010B
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **LCS-9788**	SampType: **LCS**	TestCode: **6010W05**	Units: **mg/L**	Prep Date: **7/28/2009**	RunNo: **17953**		
Client ID: **ZZZZZ**	Batch ID: **9788**	Method: **SW6010B**	**(SW3005A)**	Analysis Date: **7/28/2009**	SeqNo: **462911**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.212	0.010	0.2	0	106	85	115				
Barium	0.201	0.10	0.2	0	101	85	115				
Cadmium	0.207	0.010	0.2	0	103	85	115				
Chromium	0.209	0.010	0.2	0	104	85	115				
Lead	0.210	0.010	0.2	0	105	85	115				
Selenium	0.206	0.010	0.2	0	103	85	115				
Silver	0.0495	0.010	0.05	0	99	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ICP SERIAL DILUTIONS

TP-26-2

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	65.42		65.55		0.2		P
Barium	2515.65		2548.05		1.3		P
Cadmium	6.33	J	5.39	J	14.8		P
Chromium	218.06		228.59		4.8		P
Lead	7171.54		7362.97		2.7		P
Selenium	8.26	J	25.00	U	100.0		P
Silver	2.00	U	10.00	U			P

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ICP SERIAL DILUTIONS

TP-31-4

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	791.53		722.91		8.7		P
Barium	1683.08		1595.83		5.2		P
Cadmium	16.08		13.68	J	14.9		P
Chromium	126.35		113.04		10.5	E	P
Lead	159597.28		167076.17		4.7		P
Selenium	14.12		25.00	U	100.0		P
Silver	86.72		78.63		9.3		P

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ICP SERIAL DILUTIONS

TP-38-5

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	187.20		189.97		1.5		P
Barium	1558.40		1634.92		4.9		P
Cadmium	27.63		31.96	J	15.7		P
Chromium	158.30		178.23		12.6	E	P
Lead	49904.92		50697.35		1.6		P
Selenium	18.58		25.00	U	100.0		P
Silver	9.74	J	13.23	J	35.8		P

METALS MDL Verification Summary (NELAC)

Instrument ID(s):		TJA ICAP-61E		Verification Dates: 6/24/2009										Units = mg/Kg	
Analytical Method	Prep Method	Matrix	Analyte	Initial MDL	MDL to be Verified	MDL Ver Conc. #1	MDL Ver Result	MDL Ver %Rec	Rec Met 60-140%	MDL Ver Conc. #2	MDL Ver Result	MDL Ver %Rec	Rec Met 60-140%	Verified LOD	LOQ
6010B	3050B	Solid	Aluminum	1.7549	4.0	4.0	5.398	135%	yes	n/a	n/a			4.000	10.0
6010B	3050B	Solid	Antimony	0.1629	0.1629	0.30	0.284	95%	yes	n/a	n/a			0.300	6.0
6010B	3050B	Solid	Arsenic	0.1594	0.40	0.40	0.496	124%	yes	n/a	n/a			0.400	1.0
6010B	3050B	Solid	Barium	0.0377	0.0377	0.20	0.197	99%	yes	n/a	n/a			0.200	10.0
6010B	3050B	Solid	Beryllium	0.0057	0.0057	0.020	0.018	90%	yes	n/a	n/a			0.020	1.0
6010B	3050B	Solid	Boron	0.1525	0.50	0.50	0.452	90%	yes	n/a	n/a			0.500	5.0
6010B	3050B	Solid	Cadmium	0.0305	0.0305	0.10	0.097	97%	yes	n/a	n/a			0.100	1.0
6010B	3050B	Solid	Calcium	1.704	1.704	4.0	2.94	74%	yes	n/a	n/a			4.000	100.0
6010B	3050B	Solid	Chromium	0.1406	0.1406	0.20	0.17	85%	yes	n/a	n/a			0.200	1.0
6010B	3050B	Solid	Cobalt	0.1471	0.1471	0.40	0.371	93%	yes	n/a	n/a			0.400	5.0
6010B	3050B	Solid	Copper	0.0867	0.20	0.20	0.179	90%	yes	n/a	n/a			0.200	1.0
6010B	3050B	Solid	Iron	0.4695	0.4695	1.0	1.104	110%	yes	n/a	n/a			1.000	5.0
6010B	3050B	Solid	Lead	0.1410	0.1410	0.40	0.561	140%	yes	n/a	n/a			0.400	1.0
6010B	3050B	Solid	Magnesium	0.9350	4.0	4.0	6.24	156%	no	6.00	8.403	140%	yes	6.000	100.0
6010B	3050B	Solid	Manganese	0.0233	0.0233	0.10	0.103	103%	yes	n/a	n/a			0.100	5.0
6010B	3050B	Solid	Molybdenum	0.2305	0.2305	0.50	0.545	109%	yes	n/a	n/a			0.500	5.0
6010B	3050B	Solid	Nickel	0.0683	0.20	0.20	0.212	106%	yes	n/a	n/a			0.200	5.0
6010B	3050B	Solid	Potassium	8.5431	20.0	20.0	18.299	91%	yes	n/a	n/a			20.00	500.0
6010B	3050B	Solid	Selenium	0.1920	0.1920	0.25	0.154	62%	yes	n/a	n/a			0.250	1.0
6010B	3050B	Solid	Silver	0.0974	0.0974	0.20	0.164	82%	yes	n/a	n/a			0.200	1.0
6010B	3050B	Solid	Sodium	0.5806	4.0	4.0	3.452	86%	yes	n/a	n/a			4.000	100.0
6010B	3050B	Solid	Strontium	0.0165	0.0165	0.050	0.05	100%	yes	n/a	n/a			0.050	5.0
6010B	3050B	Solid	Thallium	0.5211	0.5211	0.5	0.367	73%	yes	n/a	n/a			0.500	2.0
6010B	3050B	Solid	Tin	0.4129	1.0	1.0	0.965	97%	yes	n/a	n/a			1.000	5.0
6010B	3050B	Solid	Titanium	0.0768	0.0768	0.20	0.224	112%	yes	n/a	n/a			0.200	5.0
6010B	3050B	Solid	Vanadium	0.0829	0.0829	0.20	0.189	95%	yes	n/a	n/a			0.200	5.0
6010B	3050B	Solid	Zinc	0.2560	0.2560	0.40	0.643	161%	no	0.600	0.800	133%	yes	0.600	2.0

MDLs are calculated using the method in Appendix B, Part 136, Revision 1.11 of the Federal Register, Volume 49, No. 209, October 1984.

MDL=(S.Dev) x (t-value)

The MDL is a statistical measurement which defines the theoretical minimum concentration of a substance which can be measured and reported with 99% confidence that the analyte concentration is greater than zero.

METALS MDL Verification Summary (NELAC)

Instrument ID(s):		TJA ICAP-61E			Verification Dates: 6/11/2009 & 6/24/2009									Units = mg/L	
Analytical Method	Prep Method	Matrix	Analyte	Initial MDL	MDL to be Verified	MDL Ver Conc. #1	MDL Ver Result	MDL Ver %Rec	Rec Met 60-140%	MDL Ver Conc. #2	MDL Ver Result	MDL Ver %Rec	Rec Met 60-140%	Verified LOD	LOQ
6010B	3005A	Water	Aluminum	0.01245	0.040	0.04	0.02827	71%	yes	n/a	n/a			0.0400	0.100
6010B	3005A	Water	Antimony	0.00152	0.00152	0.003	0.00339	113%	yes	n/a	n/a			0.0030	0.060
6010B	3005A	Water	Arsenic	0.00120	0.0040	0.004	0.00311	78%	yes	n/a	n/a			0.0040	0.010
6010B	3005A	Water	Barium	0.00054	0.00054	0.002	0.00175	88%	yes	n/a	n/a			0.0020	0.100
6010B	3005A	Water	Beryllium	0.00010	0.00010	0.0002	0.00017	85%	yes	n/a	n/a			0.0002	0.010
6010B	3005A	Water	Boron	0.00300	0.00300	0.005	0.00457	91%	yes	n/a	n/a			0.0050	0.050
6010B	3005A	Water	Cadmium	0.00042	0.00042	0.001	0.00094	94%	yes	n/a	n/a			0.0010	0.010
6010B	3005A	Water	Calcium	0.00688	0.040	0.04	0.03295	82%	yes	n/a	n/a			0.0400	1.000
6010B	3005A	Water	Chromium	0.00144	0.00144	0.0028	0.00242	86%	yes	n/a	n/a			0.0028	0.010
6010B	3005A	Water	Cobalt	0.00192	0.0040	0.004	0.00354	89%	yes	n/a	n/a			0.0040	0.050
6010B	3005A	Water	Copper	0.00188	0.00188	0.0028	0.003	107%	yes	n/a	n/a			0.0028	0.010
6010B	3005A	Water	Iron	0.00500	0.00500	0.01	0.00987	99%	yes	n/a	n/a			0.0100	0.050
6010B	3005A	Water	Lead	0.00084	0.0040	0.004	0.00362	91%	yes	n/a	n/a			0.0040	0.010
6010B	3005A	Water	Magnesium	0.01266	0.040	0.04	0.04368	109%	yes	n/a	n/a			0.0400	1.000
6010B	3005A	Water	Manganese	0.00026	0.001	0.001	0.00094	94%	yes	n/a	n/a			0.0010	0.050
6010B	3005A	Water	Molybdenum	0.00292	0.00292	0.005	0.00549	110%	yes	n/a	n/a			0.0050	0.050
6010B	3005A	Water	Nickel	0.00112	0.00112	0.002	0.00235	118%	yes	n/a	n/a			0.0020	0.050
6010B	3005A	Water	Potassium	0.06756	0.06756	0.2	0.14555	73%	yes	n/a	n/a			0.2000	5.000
6010B	3005A	Water	Selenium	0.00264	0.00264	0.0035	0.00346	99%	yes	n/a	n/a			0.0035	0.010
6010B	3005A	Water	Silver	0.00090	0.00090	0.002	0.00181	91%	yes	n/a	n/a			0.0020	0.010
6010B	3005A	Water	Sodium	0.00846	0.040	0.04	0.03548	89%	yes	n/a	n/a			0.0400	1.000
6010B	3005A	Water	Strontium	0.00016	0.0005	0.0005	0.00035	70%	yes	n/a	n/a			0.0005	0.050
6010B	3005A	Water	Thallium	0.00587	0.00587	0.01	0.01006	101%	yes	n/a	n/a			0.0100	0.020
6010B	3005A	Water	Tin	0.00647	0.00647	0.01	0.00776	78%	yes	n/a	n/a			0.0100	0.050
6010B	3005A	Water	Titanium	0.00076	0.00076	0.002	0.00162	81%	yes	n/a	n/a			0.0020	0.050
6010B	3005A	Water	Vanadium	0.00066	0.00066	0.002	0.00192	96%	yes	n/a	n/a			0.0020	0.050
6010B	3005A	Water	Zinc	0.00135	0.0040	0.004	0.00432	108%	yes	n/a	n/a			0.0040	0.020

MDLs are calculated using the method in Appendix B, Part 136, Revision 1.11 of the Federal Register, Volume 49, No. 209, October 1984.

MDL=(S.Dev) x (t-value)

The MDL is a statistical measurement which defines the theoretical minimum concentration of a substance which can be measured and reported with 99% confidence that the analyte concentration is greater than zero.

11B
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

ICP ID Number: ICAP-61E Date: 1/15/2009

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Cr
Aluminum	308.22			0.0002326		0.0002982
Antimony	206.83			0.0000813		0.0066209
Arsenic	196.70			-0.0000083		-0.0031051
Barium	493.41	0.0000181		0.0000049		
Beryllium	313.04	0.0000011				
Cadmium	228.80	0.0000326		0.0000464		
Calcium	317.93					
Chromium	267.72	0.0000128		0.0001078	0.0000361	
Cobalt	228.62			0.0000255		0.0000987
Copper	324.75			-0.0000469		-0.0001349
Iron	259.94	0.0000920			0.0000691	0.0004003
Lead	220.35	0.0007664	-0.0000035	0.0000569		0.0000606
Magnesium	279.08					
Manganese	257.61	0.0000086		0.0000159	0.0000140	
Molybdenum	202.03					0.0000649
Nickel	231.60					
Potassium	766.49		-0.0001659		-0.0002156	
Selenium	196.03					-0.0000447
Silver	328.07					
Sodium	589.00					
Thallium	190.86	0.0005382		0.0001699		0.0002945
Vanadium	292.40			0.0000189		0.0000290
Zinc	213.86			0.0000656	0.0000345	

Comments:

11B
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

ICP ID Number: ICAP-61E Date: 1/15/2009

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	Mo	Ni	Co	Mn
Aluminum	308.22	0.0294544	0.0100485			
Antimony	206.83	-0.0072708	0.0009345	-0.0015422		
Arsenic	196.70		-0.0011420			
Barium	493.41					
Beryllium	313.04	0.0002851				
Cadmium	228.80			0.0001199		
Calcium	317.93					
Chromium	267.72	0.0003299				
Cobalt	228.62			0.0003489		
Copper	324.75					
Iron	259.94					
Lead	220.35		-0.0005366	0.0002928		
Magnesium	279.08					
Manganese	257.61					
Molybdenum	202.03					
Nickel	231.60				-0.0012375	
Potassium	766.49					
Selenium	196.03				0.0003586	0.0002244
Silver	328.07		-0.0006357			
Sodium	589.00					
Thallium	190.86	0.0024908			0.0037309	0.0023653
Vanadium	292.40		-0.0014799			
Zinc	213.86			0.0046712		

Comments:

11B
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

ICP ID Number: ICAP-61E Date: 1/15/2009

Analyte	Wave-length (nm)	Interelement Correction Factors for: Ti	Pb	___	___	___
Aluminum	308.22	0.0194120				
Antimony	206.83					
Arsenic	196.70					
Barium	493.41					
Beryllium	313.04					
Cadmium	228.80					
Calcium	317.93					
Chromium	267.72					
Cobalt	228.62					
Copper	324.75					
Iron	259.94					
Lead	220.35					
Magnesium	279.08					
Manganese	257.61					
Molybdenum	202.03					
Nickel	231.60					
Potassium	766.49					
Selenium	196.03					
Silver	328.07					
Sodium	589.00					
Thallium	190.86	0.0030901	0.0003479			
Vanadium	292.40					
Zinc	213.86					

Comments:

12
ICP LINEAR RANGES (QUARTERLY)

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

ICP ID Number: ICAP 61E Date: 01/15/2009

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum		600000	P
Antimony		10000	P
Arsenic		10000	P
Barium		10000	P
Beryllium		5000	P
Boron		50000	P
Cadmium		5000	P
Calcium		2000000	P
Chromium		200000	P
Cobalt		30000	P
Copper		20000	P
Iron		500000	P
Lead		200000	P
Magnesium		600000	P
Manganese		50000	P
Molybdenum		20000	P
Nickel		50000	P
Potassium		100000	P
Selenium		10000	P
Silver		5000	P
Sodium		2000000	P
Strontium		5000	P
Thallium		20000	P
Vanadium		20000	P
Zinc		5000	P

Comments:

13
PREPARATION LOG

Lab Name: Life Science Laboratories, Inc. Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Method: P

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCS-9759	07/23/2009	0.50	50
MB-9759	07/23/2009	0.50	50
TP-26-2	07/23/2009	0.50	50
TP-26-2S	07/23/2009	0.50	50
TP-26-2SD	07/23/2009	0.50	50
TP-26-3	07/23/2009	0.50	50
TP-26-4	07/23/2009	0.50	50
TP-26-5	07/23/2009	0.50	50
TP-26-6	07/23/2009	0.50	50
TP-27-2	07/23/2009	0.50	50
TP-27-3	07/23/2009	0.50	50
TP-27-4	07/23/2009	0.50	50
TP-27-6	07/23/2009	0.50	50
TP-28-2	07/23/2009	0.50	50
TP-28-3	07/23/2009	0.50	50
TP-29-2	07/23/2009	0.50	50
TP-30-2	07/23/2009	0.50	50
TP-30-3	07/23/2009	0.50	50
TP-30-4	07/23/2009	0.50	50
TP-30-5	07/23/2009	0.50	50
TP-31-2	07/23/2009	0.50	50
TP-31-3	07/23/2009	0.50	50

13
PREPARATION LOG

Lab Name: Life Science Laboratories, Inc. Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Method: P

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCS-9760	07/23/2009	0.50	50
MB-9760	07/23/2009	0.50	50
TP-31-4	07/23/2009	0.50	50
TP-31-4S	07/23/2009	0.50	50
TP-31-4S	07/23/2009	0.50	50
TP-31-4SD	07/23/2009	0.50	50
TP-31-4SD	07/23/2009	0.50	50
TP-32-2	07/23/2009	0.50	50
TP-33-2	07/23/2009	0.50	50
TP-33-3	07/23/2009	0.50	50
TP-34-2	07/23/2009	0.50	50
TP-34-3	07/23/2009	0.50	50
TP-34-4	07/23/2009	0.50	50
TP-34-5	07/23/2009	0.50	50
TP-36-2	07/23/2009	0.50	50
TP-36-3	07/23/2009	0.50	50
TP-36-4	07/23/2009	0.50	50
TP-36-5	07/23/2009	0.50	50
TP-37-2	07/23/2009	0.50	50
TP-37-3	07/23/2009	0.50	50
TP-37-5	07/23/2009	0.50	50
TP-37-6	07/23/2009	0.50	50
TP-38-2	07/23/2009	0.50	50
TP-38-3	07/23/2009	0.50	50
TP-38-4	07/23/2009	0.50	50

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PREPARATION LOG

Lab Name: Life Science Laboratories, Inc. Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Method: P

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCS-9762	07/24/2009	0.50	50
MB-9762	07/24/2009	0.50	50
TP-38-5	07/24/2009	0.50	50
TP-38-5S	07/24/2009	0.50	50
TP-38-5S	07/24/2009	0.50	50
TP-38-5SD	07/24/2009	0.50	50
TP-38-5SD	07/24/2009	0.50	50
TP-38-6	07/24/2009	0.50	50
TP-39-2	07/24/2009	0.50	50
TP-39-3	07/24/2009	0.50	50
TP-39-4	07/24/2009	0.50	50
TP-39-5	07/24/2009	0.50	50
TP-39-6	07/24/2009	0.50	50
TP-39-7	07/24/2009	0.50	50
TP-39-8	07/24/2009	0.50	50
TP-39-9	07/24/2009	0.50	50
TP-40-2	07/24/2009	0.50	50
TP-40-3	07/24/2009	0.50	50
TP-40-4	07/24/2009	0.50	50
TP-40-5	07/24/2009	0.50	50
TP-40-6	07/24/2009	0.50	50
TP-40-7	07/24/2009	0.50	50
TP-40-8	07/24/2009	0.50	50
TP-DUP	07/24/2009	0.50	50

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PREPARATION LOG

Lab Name: Life Science Laboratories, Inc. Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Method: P

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCS-9788	07/28/2009		50
MB-9788	07/28/2009		50
TP-Rinsate	07/28/2009		50

14
ANALYSIS RUN LOG

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Instrument ID Number: ICAP 61E Method: P

Start Date: 07/24/2009 End Date: 07/24/2009

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0931		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S 3	1.00	0935		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S 2	1.00	0939		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S 1	1.00	0941		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICVH	1.00	0947		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV	1.00	0951		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV/IPC	1.00	0955		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB	1.00	0959		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.00	1002				X	X		X			X			X						X	X					
CRI	1.00	1006				X			X			X			X						X						
ICSA	1.00	1010		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	1014		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MB-9759	1.00	1028				X	X		X			X			X						X	X					
LCS-9759	1.00	1031				X	X		X			X			X						X	X					
TP-26-2	1.00	1039				X	X		X			X			X						X	X					
TP-26-2S	1.00	1043				X	X		X			X			X						X	X					
TP-26-2SD	1.00	1046				X	X		X			X			X						X	X					
CCVH1	1.00	1050		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV1	1.00	1054		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB1	1.00	1057		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
TP-26-2L	5.00	1103				X	X		X			X			X						X	X					
TP-26-2A	1.00	1107				X	X		X			X			X						X	X					
TP-26-3	1.00	1110				X	X		X			X			X						X	X					
TP-26-4	1.00	1114				X	X		X			X			X						X	X					
TP-27-2	1.00	1125				X	X		X			X			X						X	X					
TP-27-3	1.00	1129				X	X		X			X			X						X	X					
TP-27-4	1.00	1133				X	X		X			X			X						X	X					
TP-27-6	1.00	1136				X	X		X			X			X						X	X					
CCVH2	1.00	1140		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV2	1.00	1144		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB2	1.00	1148		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
TP-28-2	1.00	1151				X	X		X			X			X						X	X					
TP-28-3	1.00	1155				X	X		X			X			X						X	X					
TP-29-2	1.00	1159				X	X		X			X			X						X	X					
TP-30-2	1.00	1202				X	X		X			X			X						X	X					

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ANALYSIS RUN LOG

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Instrument ID Number: ICAP 61E Method: P

Start Date: 07/24/2009 End Date: 07/24/2009

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
TP-30-3	1.00	1206				X	X		X			X			X						X	X					
TP-30-4	1.00	1210				X	X		X			X			X						X	X					
TP-30-5	1.00	1214				X	X		X			X			X						X	X					
TP-31-2	1.00	1217				X	X		X			X			X						X	X					
TP-31-3	1.00	1221				X	X		X			X			X						X	X					
MB-9760	1.00	1235				X	X		X			X			X						X	X					
CCVH3	1.00	1239		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV3	1.00	1243		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB3	1.00	1247		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
LCS-9760	1.00	1251				X	X		X			X			X						X	X					
TP-31-4	1.00	1255				X	X		X			X			X						X	X					
TP-31-4S	1.00	1259				X	X		X			X			X						X	X					
TP-31-4SD	1.00	1303				X	X		X			X			X						X	X					
TP-32-2	1.00	1306				X	X		X			X			X						X	X					
TP-33-2	1.00	1310				X	X		X			X			X						X	X					
TP-33-3	1.00	1314				X	X		X			X			X						X	X					
TP-34-2	1.00	1318				X	X		X			X			X						X	X					
TP-34-3	1.00	1322				X	X		X			X			X						X	X					
TP-34-4	1.00	1326				X	X		X			X			X						X	X					
CCVH4	1.00	1330		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV4	1.00	1334		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB4	1.00	1338		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
TP-31-4L	5.00	1415				X	X		X			X			X						X	X					
TP-31-4A	1.00	1419				X	X		X			X			X						X	X					
TP-34-5	1.00	1423				X	X		X			X			X						X	X					
TP-36-2	1.00	1427				X	X		X			X			X						X	X					
TP-36-3	1.00	1431				X	X		X			X			X						X	X					
TP-36-4	1.00	1435				X	X		X			X			X						X	X					
TP-36-5	1.00	1438				X	X		X			X			X						X	X					
TP-37-2	1.00	1442				X	X		X			X			X						X	X					
TP-37-3	1.00	1451				X	X		X			X			X						X	X					
TP-37-5	1.00	1455				X	X		X			X			X						X	X					
CCVH5	1.00	1458		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV5	1.00	1502		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB5	1.00	1506		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

14
ANALYSIS RUN LOG

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Instrument ID Number: ICAP 61E Method: P

Start Date: 07/24/2009 End Date: 07/24/2009

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
TP-37-6	1.00	1510				X	X		X			X			X						X	X					
TP-38-2	1.00	1514				X	X		X			X			X						X	X					
TP-38-3	1.00	1518				X	X		X			X			X						X	X					
TP-38-4	1.00	1522				X	X		X			X			X						X	X					
ICSA	1.00	1539		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	1543		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCVH6	1.00	1547		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV6	1.00	1550		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB6	1.00	1554		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

14
ANALYSIS RUN LOG

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Instrument ID Number: ICAP 61E Method: P

Start Date: 07/27/2009 End Date: 07/27/2009

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0936		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
S3	1.00	0940		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
S2	1.00	0943		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
S1	1.00	0945		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICVH	1.00	0952		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICV	1.00	0956		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCV/IPC	1.00	1000		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB	1.00	1004		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CRI	1.00	1011				X	X		X			X			X							X	X					
ICSA	1.00	1015		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB	1.00	1019		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MB-9762	1.00	1030				X	X		X			X			X							X	X					
LCS-9762	1.00	1033				X	X		X			X			X							X	X					
TP-38-5	1.00	1037				X	X		X			X			X							X	X					
TP-38-5S	1.00	1041				X	X		X			X			X							X	X					
TP-38-5SD	1.00	1045				X	X		X			X			X							X	X					
TP-38-5L	5.00	1049				X	X		X			X			X							X	X					
TP-38-5A	1.00	1053				X	X		X			X			X							X	X					
CCVH1	1.00	1057		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCV1	1.00	1101		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB1	1.00	1105		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
TP-38-6	1.00	1108				X	X		X			X			X							X	X					
TP-39-2	1.00	1112				X	X		X			X			X							X	X					
TP-39-3	1.00	1116				X	X		X			X			X							X	X					
TP-39-4	1.00	1120				X	X		X			X			X							X	X					
TP-39-5	1.00	1124				X	X		X			X			X							X	X					
TP-39-6	1.00	1134				X	X		X			X			X							X	X					
TP-39-7	1.00	1137				X	X		X			X			X							X	X					
TP-39-8	1.00	1141				X	X		X			X			X							X	X					
TP-39-9	1.00	1145				X	X		X			X			X							X	X					
TP-40-2	1.00	1149				X	X		X			X			X							X	X					
CCVH2	1.00	1153		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCV2	1.00	1157		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB2	1.00	1201		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
TP-40-3	1.00	1205				X	X		X			X			X							X	X					

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ANALYSIS RUN LOG

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Instrument ID Number: ICAP 61E Method: P

Start Date: 07/27/2009 End Date: 07/27/2009

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
TP-40-4	1.00	1209				X	X		X			X			X						X	X					
TP-40-6	1.00	1216				X	X		X			X			X						X	X					
TP-40-7	1.00	1220				X	X		X			X			X						X	X					
TP-40-8	1.00	1224				X	X		X			X			X						X	X					
TP-DUP	1.00	1228				X	X		X			X			X						X	X					
TP-26-5	10.00	1232				X	X		X			X			X						X	X					
TP-26-6	10.00	1236				X	X		X			X			X						X	X					
TP-27-3	5.00	1240													X												
CCVH3	1.00	1244		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV3	1.00	1248		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB3	1.00	1252		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
TP-27-4	5.00	1255					X																				
TP-27-6	5.00	1259													X												
TP-31-4	5.00	1303													X												
TP-31-4S	5.00	1307													X												
TP-31-4SD	5.00	1311													X												
TP-31-4L	25.00	1315													X												
TP-31-4A	5.00	1319													X												
TP-37-6	10.00	1323													X												
TP-38-4	50.00	1327													X												
CCVH4	1.00	1331		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV4	1.00	1335		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB4	1.00	1338		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
TP-38-5	5.00	1429													X												
TP-38-5S	5.00	1433													X												
TP-38-5SD	5.00	1437													X												
TP-38-5L	25.00	1441													X												
TP-38-5A	5.00	1445													X												
TP-39-6	5.00	1448													X												
TP-39-7	10.00	1452													X												
TP-40-2	5.00	1456																			X						
TP-40-4	5.00	1500													X												
TP-40-5	5.00	1504				X	X		X			X			X						X	X					
CCVH5	1.00	1508		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV5	1.00	1512		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

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ANALYSIS RUN LOG

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Instrument ID Number: ICAP 61E Method: P

Start Date: 07/27/2009 End Date: 07/27/2009

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB5	1.00	1516		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
TP-40-6	10.00	1520													X												
TP-40-7	10.00	1524													X												
TP-40-8	5.00	1528													X												
ICSA	1.00	1547		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	1551		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCVH6	1.00	1555		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV6	1.00	1558		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB6	1.00	1602		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

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ANALYSIS RUN LOG

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Instrument ID Number: ICAP 61E Method: P

Start Date: 07/28/2009 End Date: 07/28/2009

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
S0	1.00	1111		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
S3	1.00	1115		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
S2	1.00	1118		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
S1	1.00	1120		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICVH	1.00	1126		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICV	1.00	1130		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV/IPC	1.00	1134		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICB	1.00	1138		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CRI	1.00	1143				X	X		X			X			X						X	X								
CRI	1.00	1147				X			X			X			X						X									
ICSA	1.00	1150		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB	1.00	1154		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	1202																												
ZZZZZZ	1.00	1206																												
CCVH1	1.00	1225		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV1	1.00	1229		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB1	1.00	1233		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	1322																												
ZZZZZZ	1.00	1326																												
ZZZZZZ	1.00	1329																												
CCVH2	1.00	1337		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV2	1.00	1341		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB2	1.00	1345		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	1405																												
ZZZZZZ	1.00	1408																												
CCVH3	1.00	1428		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV3	1.00	1432		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB3	1.00	1436		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	1451																												
ZZZZZZ	1.00	1455																												
CCVH4	1.00	1522		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV4	1.00	1526		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB4	1.00	1530		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	1553																												
ZZZZZZ	1.00	1558																												

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ANALYSIS RUN LOG

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Instrument ID Number: ICAP 61E Method: P

Start Date: 07/28/2009 End Date: 07/28/2009

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN				
ZZZZZZ	1.00	1602																												
CCVH5	1.00	1638		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
CCV5	1.00	1642		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
CCB5	1.00	1647		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
ZZZZZZ	1.00	1700																												
ZZZZZZ	1.00	1704																												
CCVH6	1.00	1731		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
CCV6	1.00	1736		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
CCB6	1.00	1740		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
MB-9788	1.00	1745				X	X		X			X			X						X	X								
LCS-9788	1.00	1749				X	X		X			X			X						X	X								
TP-Rinsate	1.00	1753				X	X		X			X			X						X	X								
ICSA	1.00	1758		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
ICSAB	1.00	1802		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
CCVH7	1.00	1807		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
CCV7	1.00	1811		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
CCB7	1.00	1816		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					

RAW DATA

Life Science Laboratories, Inc. - Brittonfield

ICAP-61E Analysis Run Log

Analysis Date: 07/24/09 **Lab Method: KICAP**

Standard #	Sample ID	Batch ID	DF	Method	Comment
	Profile	1.0 mg/L As			Vernier set: 609 Time: 9:00 AM
7835-5	BLANK		1	6010B	
7836-5	STD3		1		
7837-5	STD2		1		
7838-5	STD1		1		
7814-5	ICVH		1		
8101-5	ICV		1		
7839-5	CCV/IPC		1		
7835-5	ICB		1		
7842-5	CRI(PQL)		1		
8117-5	CRI(ONEIDA)		1		
8099-5	ICSA-INITIAL		1		
8100-5	ICSAB-INITIAL		1		
	MB-9759	9759	1		
	LCS-9759		1		
	0907033-004A		1		
	0907072-001A		1		
	0907072-001AMS		1		
	0907072-001AMSD		1		
7841-5	CCVH1		1		
7839-5	CCV1		1		
7835-5	CCB1		1		
	0907072-001ASD	9759	5		
	0907072-001APDS		1		
	0907072-002A		1		
	0907072-003A		1		
	0907072-004A		1		Fe, Pb > LR, D/R for all
	0907072-005A		1		↓
	0907072-006A		1		
	0907072-007A		1		Pb > LR, D/R. for Pb
	0907072-008A		1		Ba > LR, D/R for Ba
	0907072-009A		1		Pb > LR, D/R for Pb
	CCVH2		1		
	CCV2		1		
	CCB2		1		
	0907072-010A	9759	1		
	0907072-011A		1		
	0907072-012A		1		
	0907072-013A		1		
	0907072-014A		1		
	0907072-015A		1		

N/A = Not Applicable, >LR = Greater than Linear Range, D/RA = Dilute and Reanalyze, RA = Reanalyze

Life Science Laboratories, Inc. - Brittonfield

ICAP-61E Analysis Run Log

Analysis Date: 07/24/09 **Lab Method:** KICAP

Standard #	Sample ID	Batch ID	DF	Method	Comment
	0907072-016A	9759	1	6010B	
	0907072-017A	↓	1	↓	
	0907072-018A		1		
	MB-9760	9760	1		
	CCVH3		1		
	CCV3		1		
	CCB3		1		
	LCS-9760	9760	1		
	0907072-019A		1		Pb > LR, D/R for Pb
	0907072-019AMS		1		↓
	0907072-019AMSD		1		
	0907072-020A		1		
	0907072-021A		1		
	0907072-022A		1		
	0907072-023A		1		
	0907072-024A		1		
	0907072-025A	↓	1		
	CCVH4		1		
	CCV4		1		
	CCB4		1		
	0907072-019ASD	9760	5		Pb > LR, D/R for Pb
	0907072-019APDS		1		↓
	0907072-026A		1		
	0907072-027A		1		
	0907072-028A		1		
	0907072-029A		1		
	0907072-030A		1		
	0907072-031A		1		
	0907072-032A		1		
	0907072-033A	↓	1		
	CCVH5		1		
	CCV5		1		
	CCB5		1		
	0907072-034A	9760	1		Pb > LR, D/R for Pb
	0907072-035A		1		
	0907072-036A		1		
	0907072-037A		1		Pb > LR, D/R for Pb
	TBLK2-9761	UND TCLP	5		
	0907096-003A		5		
	0907096-004A	↓	5		
	ICSA-FINAL		1	↓	

N/A = Not Applicable, >LR = Greater than Linear Range, D/RA = Dilute and Reanalyze, RA = Reanalyze

Life Science Laboratories, Inc. - Brittonfield

ICAP-61E Analysis Run Log

Analysis Date: 07/24/09 **Lab Method: KICAP**

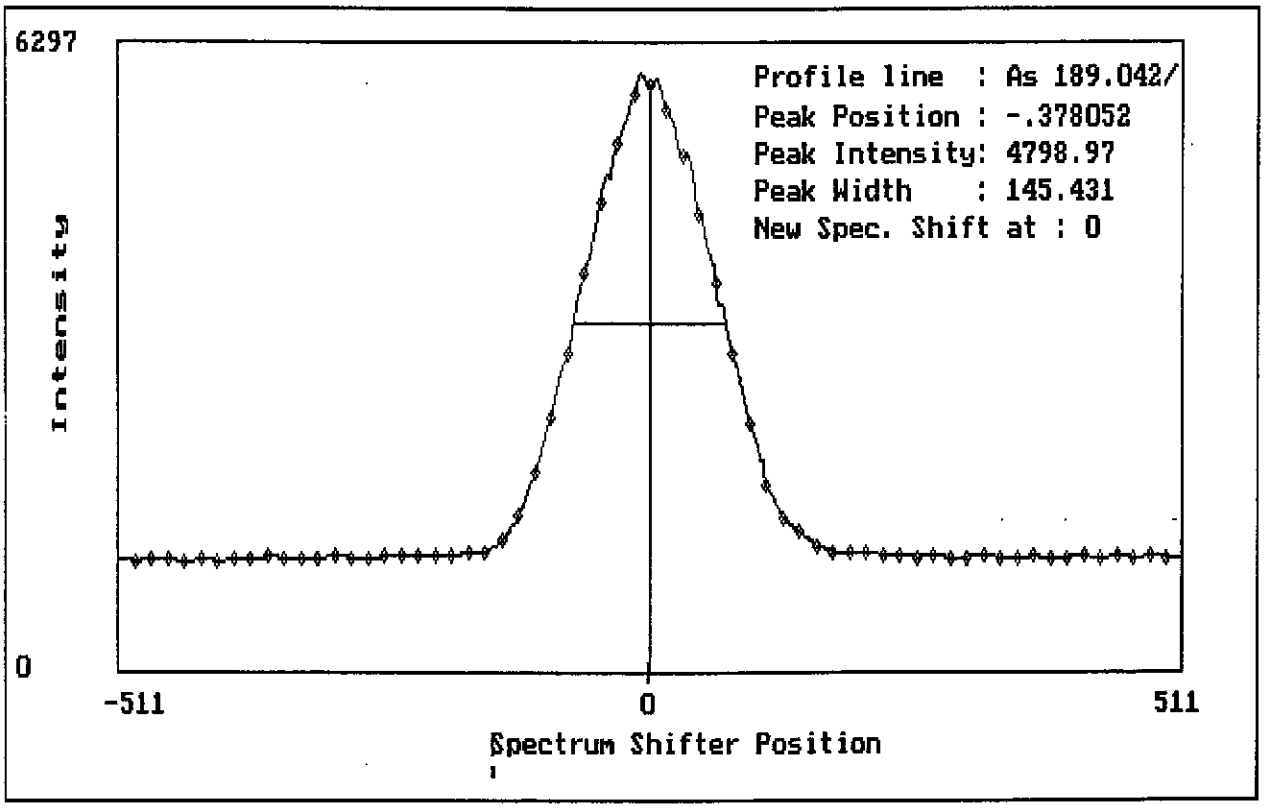
Standard #	Sample ID	Batch ID	DF	Method	Comment
	ICSAB-FINAL		1	6010B	
	CCVH6		1		
	CCV6		1		
	CCB6		1		

Analyst: Cang Tran Date: 7/27/09

Reviewer: CT Date: 7/29/09

Print Date: 7/27/09

N/A = Not Applicable, >LR = Greater than Linear Range, D/RA = Dilute and Reanalyze, RA = Reanalyze


6297
Intensity
0
Profile line : As 189.042/
Peak Position : -.378052
Peak Intensity: 4798.97
Peak Width : 145.431
New Spec. Shift at : 0
-511
0
511
Spectrum Shifter Position

CT
7/27/09

Method: KICAP Standard: BLANK
Run Time: 07/24/09 09:31:39

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Ca
Avge	.02665	1.410	5.1974	.28419	.66167	1.707	2.325
SDev	.05483	.004	.0092	.00115	.00200	.005	.011
%RSD	205.72	.2952	.17625	.40611	.30211	.3005	.4832
#1	.06597	1.406	5.1954	.28486	.66367	1.711	2.335
#2	-.03598	1.408	5.1894	.28286	.65967	1.701	2.313
#3	.04998	1.414	5.2074	.28486	.66167	1.708	2.328

Elem	Cd2265	Co2286	Cr	Cr	Cu3247	Fe	Fe
Avge	56.350	5.5912	9.4310	10.385	.03798	2.0330	14.121
SDev	.089	.0183	.0343	.036	.00916	.0087	.040
%RSD	.15795	.32768	.36365	.35129	24.119	.42861	.28419
#1	56.347	5.5952	9.4363	10.401	.04598	2.0390	14.149
#2	56.263	5.5712	9.3943	10.344	.02799	2.0230	14.075
#3	56.441	5.6072	9.4623	10.412	.03998	2.0370	14.139

Elem	K_7664	Mg2790	Mn2576	Mo2020	Na	Na	Ni2316
Avge	22.20	1.383	1.9001	.01099	4.997	14.99	-.00400
SDev	.06	.004	.0075	.01493	.014	.06	.00264
%RSD	.2673	.2605	.39715	135.76	.2859	.4301	66.144
#1	22.23	1.384	1.9010	.02799	4.994	15.01	-.00300
#2	22.13	1.379	1.8921	.00000	4.985	14.92	-.00700
#3	22.24	1.386	1.9070	.00500	5.012	15.05	-.00200

Elem	Sn1899	Sr4215	Ti3349	V_2924	Zn2138	As1890	Tl1908
Avge	7.2327	.99950	.84658	.00366	.03198	.00766	19.423
SDev	.0467	.00529	.00173	.01379	.00556	.13581	.103
%RSD	.64542	.52915	.20449	376.26	17.399	1772.3	.53132
#1	7.2834	1.0035	.84758	.00900	.02699	.16442	19.408
#2	7.1914	.99350	.84458	-.01199	.03798	-.06697	19.327
#3	7.2234	1.0015	.84758	.01399	.03098	-.07446	19.532

Elem	2203/1	2203/2	Pb	1960/1	1960/2	2068/1	2068/2
Avge	.93220	.53540	12.661	.08696	.04031	.07463	.24954
SDev	.29278	.23989	.058	.18760	.03796	.28026	.10975
%RSD	31.408	44.806	.45563	215.73	94.160	375.54	43.979
#1	.60070	.25887	12.686	-.08196	.01499	-.18491	.12494
#2	1.0405	.65967	12.595	.05397	.08396	.37181	.29185
#3	1.1554	.68766	12.702	.28886	.02199	.03698	.33183

CT
7/27/09

Method: KICAP Standard: STD3
Run Time: 07/24/09 09:35:41

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Avge	31.777	19.02	56.053	14.413	199.99	309.6	3115.0
SDev	.042	.05	.057	.008	.20	.2	1.3
%RSD	.13212	.2450	.10239	.05504	.09882	.0522	.04195
#1	31.819	19.07	56.004	14.422	200.21	309.6	3116.2
#2	31.735	19.01	56.038	14.407	199.82	309.4	3113.6
#3	31.776	18.98	56.116	14.410	199.95	309.8	3115.3

Elem	Co2286	Cr	Cu3247	Fe	Mg2790	Mn2576	Mo2020
Avge	66.755	139.72	21.267	436.51	50.32	149.73	21.310
SDev	.046	.06	.005	.21	.02	.13	.041
%RSD	.06934	.04556	.02442	.04914	.0458	.08923	.19008
#1	66.808	139.79	21.273	436.75	50.34	149.88	21.289
#2	66.721	139.67	21.264	436.34	50.30	149.61	21.283
#3	66.737	139.69	21.264	436.43	50.32	149.70	21.356

Elem	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924	Zn2138
Avge	1115.	13.524	42.294	130.50	22.118	30.663	41.691
SDev	1.	.008	.070	.11	.020	.024	.014
%RSD	.0915	.06154	.16482	.08488	.09176	.07866	.03444
#1	1115.	13.526	42.322	130.62	22.141	30.684	41.707
#2	1115.	13.514	42.215	130.40	22.104	30.637	41.680
#3	1116.	13.530	42.346	130.48	22.108	30.670	41.685

Elem	As1890	Tl1908	2203/1	2203/2	1960/1	1960/2	2068/1
Avge	135.75	85.961	553.44	501.73	69.584	80.119	88.434
SDev	.24	.218	1.94	1.62	.554	.443	.431
%RSD	.17571	.25303	.35126	.32216	.79648	.55310	.48742
#1	135.91	85.891	555.03	500.08	70.202	79.612	87.945
#2	135.47	85.787	551.27	503.32	69.130	80.311	88.597
#3	135.86	86.205	554.02	501.78	69.420	80.434	88.760

Elem	2068/2
Avge	120.97
SDev	.50
%RSD	.41696
#1	121.52
#2	120.53
#3	120.86

Method: KICAP Standard: STD2
Run Time: 07/24/09 09:39:16

Elem	Ca	Cr	Fe	Na	Pb
Avge	183.5	44.773	27.113	24.78	89.263
SDev	.7	.117	.106	.02	.333
%RSD	.3984	.26078	.39197	.0872	.37310
#1	182.8	44.679	27.017	24.81	88.958
#2	183.5	44.737	27.093	24.78	89.214
#3	184.3	44.904	27.227	24.77	89.618

Method: KICAP Standard: STD1
Run Time: 07/24/09 09:41:17

Elem	K_7664
Avge	72.09
SDev	.06
%RSD	.0844
#1	72.03
#2	72.08
#3	72.15

Method: KICAP Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD3	BLANK	.015728	-.000419	07/24/09 09:41:17
Al3082	308.215	STD3	BLANK	1.26632	.522465	07/24/09 09:41:17
B_2496	249.678	STD3	BLANK	.019885	-.103351	07/24/09 09:41:17
Ba4934	493.409	STD3	BLANK	.070779	-.020115	07/24/09 09:41:17
Be3130	313.042	STD3	BLANK	.005018	-.003320	07/24/09 09:41:17
Ca	317.933	STD3	BLANK	.065089	-.151342	07/24/09 09:41:17
Ca	370.603	STD2	BLANK	1.15242	-.040597	07/24/09 09:41:17
Cd2265	226.502	STD3	BLANK	.000327	-.018433	07/24/09 09:41:17
Co2286	228.616	STD3	BLANK	.016358	-.091459	07/24/09 09:41:17
Cr	267.716	STD3	BLANK	.007737	-.080352	07/24/09 09:41:17
Cr	298.919	STD2	BLANK	.343753	2.16138	07/24/09 09:41:17
Cu3247	324.753	STD3	BLANK	.047094	-.001789	07/24/09 09:41:17
Fe	271.441	STD2	BLANK	1.20197	-.630167	07/24/09 09:41:17
Fe	259.940	STD3	BLANK	.004740	-.066930	07/24/09 09:41:17
K_7664	766.491	STD1	BLANK	2.61150	-32.0314	07/24/09 09:41:17
Mg2790	279.078	STD3	BLANK	1.19324	-.318947	07/24/09 09:41:17
Mn2576	257.610	STD3	BLANK	.006767	-.012858	07/24/09 09:41:17
Mo2020	202.030	STD3	BLANK	.046954	-.000516	07/24/09 09:41:17
Na	588.995	STD3	BLANK	.697619	-5.93196	07/24/09 09:41:17
Na	330.232	STD2	BLANK	1.14987	3.03954	07/24/09 09:41:17
Ni2316	231.604	STD3	BLANK	.073838	.000295	07/24/09 09:41:17
Sn1899	189.989	STD3	BLANK	.028605	-.206891	07/24/09 09:41:17
Sr4215	421.552	STD3	BLANK	.007723	-.007719	07/24/09 09:41:17
Ti3349	334.941	STD3	BLANK	.047065	-.039844	07/24/09 09:41:17
V_2924	292.402	STD3	BLANK	.032570	-.000119	07/24/09 09:41:17
Zn2138	213.856	STD3	BLANK	.024120	-.000771	07/24/09 09:41:17
As1890	189.042	STD3	BLANK	.007336	-.000056	07/24/09 09:41:17
Tl1908	190.864	STD3	BLANK	.015279	-.296768	07/24/09 09:41:17
Pb	220.353	NONE	NONE	1.00000	.000000	*07/24/09 09:41:17
Se1960	196.026	NONE	NONE	1.00000	.000000	*07/24/09 09:41:17
Sb2068	206.838	NONE	NONE	1.00000	.000000	*07/24/09 09:41:17
2203/1	220.351	STD3	BLANK	.001823	-.001700	07/24/09 09:41:17
2203/2	220.352	STD3	BLANK	.001986	-.001063	07/24/09 09:41:17
Pb	405.782	STD2	BLANK	1.17719	-.341902	07/24/09 09:41:17
1960/1	196.021	STD3	BLANK	.014397	-.001252	07/24/09 09:41:17
1960/2	196.022	STD3	BLANK	.012483	-.000503	07/24/09 09:41:17
2068/1	206.831	STD3	BLANK	.011305	-.000844	07/24/09 09:41:17
2068/2	206.832	STD3	BLANK	.008284	-.002067	07/24/09 09:41:17

Method: KICAP Sample Name: ICVH Operator: CT
Run Time: 07/24/09 09:47:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	.0007	.00110	-.00040	-.00003	49.42	-.00035
SDev	.00058	.0030	.00057	.00008	.00002	.43	.00011
%RSD	142.56	408.4	51.843	20.376	56.960	.8660	29.919
#1	.00019	.0041	.00170	-.00031	-.00001	49.15	-.00023
#2	-.00045	-.0004	.00057	-.00045	-.00004	49.20	-.00042
#3	-.00097	-.0015	.00103	-.00045	-.00004	49.91	-.00041
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value						50.00	
Range						10.00	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00183	5.0273	-.00010	10.195	-.1036	-.0032	-.00021
SDev	.00040	.0322	.00057	.086	.0387	.0037	.00007
%RSD	21.953	.63967	558.81	.84049	37.39	117.3	30.957
#1	-.00137	5.0242	.00043	10.151	-.0620	.0011	-.00014
#2	-.00212	4.9968	-.00070	10.140	-.1102	-.0049	-.00023
#3	-.00200	5.0609	-.00003	10.294	-.1386	-.0057	-.00027
Errors	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK
Value		5.0000		10.000			
Range		10.000		10.000			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	48.25	-.00032	-.00121	.00001	.00010	-.00023
SDev	.00030	.07	.00042	.00178	.00005	.00032	.00057
%RSD	113.53	.1459	130.43	146.41	694.59	338.48	244.61
#1	-.00009	48.24	.00015	-.00055	.00006	.00047	.00042
#2	-.00009	48.18	-.00045	-.00323	-.00000	-.00009	-.00052
#3	-.00061	48.32	-.00067	.00013	-.00004	-.00009	-.00059
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value		50.00					
Range		10.00					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	-.00229	-.00455	9.9689	-.00088	.00071	10.080
SDev	.00008	.00044	.00151	.0717	.00148	.00060	.026
%RSD	19.733	19.353	33.104	.71943	168.20	84.118	.25785
#1	-.00033	-.00269	-.00302	9.9181	.00083	.00039	10.106
#2	-.00047	-.00181	-.00604	9.9377	-.00181	.00140	10.054
#3	-.00048	-.00236	-.00459	10.051	-.00166	.00034	10.080
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK

Value				10.000	
Range				10.000	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.078	-.00101	-.00082	-.00724	.00593
SDev	.144	.00299	.00295	.00398	.00166
%RSD	1.4321	296.82	360.39	54.902	27.924
#1	9.9197	-.00197	.00223	-.00646	.00457
#2	10.112	-.00339	-.00102	-.00371	.00545
#3	10.202	.00234	-.00366	-.01155	.00777
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

Method: KICAP Sample Name: ICV Operator: CT
Run Time: 07/24/09 09:51:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04745	.9915	.49910	.19242	.20075	9.784	.19651
SDev	.00082	.0066	.00334	.00052	.00084	.029	.00102
%RSD	1.7251	.6697	.66941	.27100	.41990	.2929	.51734
#1	.04652	.9838	.49524	.19183	.19977	9.751	.19533
#2	.04776	.9950	.50107	.19261	.20120	9.796	.19711
#3	.04806	.9956	.50099	.19282	.20126	9.805	.19707
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.05000	1.000	.50000	.20000	.20000	10.00	.20000
Range	10.000	10.00	10.000	10.000	10.000	10.00	10.000

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19834	.19977	.19927	1.0096	10.11	9.904	.20094
SDev	.00162	.00045	.00088	.0031	.06	.051	.00082
%RSD	.81556	.22704	.44137	.30672	.5749	.5174	.40735
#1	.19647	.19925	.19833	1.0060	10.04	9.845	.19999
#2	.19915	.20009	.19942	1.0109	10.12	9.926	.20140
#3	.19938	.19998	.20007	1.0118	10.16	9.940	.20142
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.20000	.20000	.20000	1.0000		10.00	.20000
Range	10.000	10.000	10.000	10.000		10.00	10.000

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19716	9.532	.20068	.20292	.19761	.20708	.20085
SDev	.00242	.015	.00155	.00126	.00041	.00085	.00101
%RSD	1.2268	.1590	.77324	.61934	.20738	.41164	.50192
#1	.19437	9.520	.19891	.20168	.19714	.20611	.19970
#2	.19836	9.526	.20135	.20420	.19780	.20743	.20130
#3	.19874	9.549	.20179	.20288	.19789	.20771	.20156
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.20000	10.00	.20000	.20000	.20000	.20000	.20000
Range	10.000	10.00	10.000	10.000	10.000	10.000	10.000

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20299	.20130	.19793	.20142	.19262	.20921	.19805
SDev	.00070	.00128	.00333	.00100	.00261	.00058	.00227
%RSD	.34514	.63369	1.6824	.49479	1.3574	.27899	1.1443
#1	.20218	.19988	.19458	.20182	.18960	.20855	.19991
#2	.20347	.20235	.19797	.20214	.19416	.20962	.19871
#3	.20330	.20167	.20124	.20028	.19409	.20948	.19553
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK

Value	.20000	.20000	.20000	.20000	.20000	.20000
Range	10.000	10.000	10.000	10.000	10.000	10.000
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.20309	.19018	.19383	.21182	.20841	
SDev	.00066	.00185	.00324	.00520	.00211	
%RSD	.32527	.97417	1.6688	2.4530	1.0108	
#1	.20278	.18850	.19015	.20763	.20751	
#2	.20385	.19217	.19515	.21021	.21082	
#3	.20265	.18988	.19620	.21763	.20691	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
Value						
Range						

Method: KICAP Sample Name: CCV/IPC Operator: CT
Run Time: 07/24/09 09:55:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25084	5.005	.50589	.50466	.50387	9.984	.50834
SDev	.00170	.021	.00283	.00306	.00291	.045	.00259
%RSD	.67923	.4162	.55862	.60652	.57660	.4548	.51009
#1	.24920	4.983	.50285	.50126	.50091	9.943	.50583
#2	.25260	5.025	.50843	.50720	.50671	10.03	.51101
#3	.25072	5.006	.50641	.50551	.50400	9.978	.50818
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.25000	5.000	.50000	.50000	.50000	10.00	.50000
Range	5.0000	5.000	5.0000	5.0000	5.0000	5.000	5.0000

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50850	.50617	.50548	1.0077	10.70	10.13	.50880
SDev	.00277	.00228	.00216	.0053	.02	.04	.00277
%RSD	.54444	.45058	.42829	.52669	.1558	.4182	.54489
#1	.50591	.50393	.50315	1.0023	10.70	10.09	.50599
#2	.51142	.50849	.50744	1.0130	10.71	10.18	.51154
#3	.50817	.50609	.50584	1.0077	10.68	10.13	.50887
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	1.0000		10.00	.50000
Range	5.0000	5.0000	5.0000	5.0000		5.000	5.0000

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50594	9.902	.50858	.50638	.50729	.50676	.50503
SDev	.00427	.016	.00297	.00142	.00292	.00294	.00268
%RSD	.84374	.1638	.58421	.28127	.57620	.57990	.53094
#1	.50114	9.884	.50612	.50498	.50415	.50363	.50257
#2	.50931	9.913	.51188	.50783	.50993	.50946	.50789
#3	.50738	9.911	.50775	.50632	.50779	.50720	.50463
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	10.00	.50000	.50000	.50000	.50000	.50000
Range	5.0000	5.000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51072	.50638	.50653	.50310	.49945	.49825	.50459
SDev	.00308	.00315	.00122	.00474	.00425	.00534	.00183
%RSD	.60202	.62151	.24038	.94224	.85054	1.0710	.36246
#1	.50757	.50290	.50517	.49769	.49470	.49240	.50431
#2	.51372	.50902	.50751	.50652	.50288	.50285	.50292
#3	.51087	.50721	.50692	.50509	.50078	.49951	.50654
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK

Value	.50000	.50000	.50000	.50000	.50000	.50000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.50235	.50102	.49866	.49566	.50005	
SDev	.00718	.00065	.00615	.01145	.00177	
%RSD	1.4298	.12916	1.2330	2.3099	.35293	
#1	.49438	.50039	.49186	.48383	.49818	
#2	.50831	.50100	.50381	.50668	.50169	
#3	.50437	.50168	.50033	.49646	.50028	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
Value						
Range						

Method: KICAP Sample Name: ICB Operator: CT
Run Time: 07/24/09 09:59:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.0087	.00119	.00014	.00008	.0082	.00001
SDev	.00037	.0029	.00053	.00004	.00008	.0018	.00006
%RSD	342.04	32.58	45.015	28.869	110.18	21.49	568.41
#1	-.00045	.0091	.00177	.00019	.00017	.0103	.00006
#2	-.00017	.0057	.00072	.00012	.00004	.0073	-.00006
#3	.00029	.0114	.00107	.00012	.00002	.0071	.00003

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	-.00046	.00038	.00008	-.0255	.0004	.00002
SDev	.00043	.00043	.00025	.00029	.0248	.0024	.00009
%RSD	143.53	94.365	66.158	347.73	97.22	606.4	452.61
#1	-.00038	-.00050	.00009	.00020	-.0257	.0015	.00011
#2	-.00069	-.00086	.00047	-.00025	-.0502	-.0023	-.00007
#3	.00016	-.00001	.00056	.00029	-.0006	.0020	.00001

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00167	.0009	-.00003	.00056	.00010	-.00006	.00009
SDev	.00046	.0016	.00009	.00086	.00010	.00019	.00022
%RSD	27.519	168.0	339.98	153.14	96.473	302.07	241.98
#1	.00141	.0025	.00007	-.00030	.00022	.00005	.00014
#2	.00221	-.0007	-.00007	.00056	.00003	-.00028	-.00015
#3	.00141	.0011	-.00007	.00142	.00006	.00005	.00027

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	-.00019	.00172	-.00003	-.00011	-.00105	-.00090
SDev	.00014	.00084	.00166	.00038	.00112	.00116	.00202
%RSD	149.82	451.63	96.387	1116.9	976.25	110.28	224.90
#1	.00005	-.00110	.00282	-.00041	.00041	-.00227	-.00168
#2	-.00010	-.00001	-.00019	-.00005	-.00140	-.00091	.00139
#3	-.00024	.00055	.00252	.00036	.00064	.00003	-.00240

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00040	-.00183	.00074	-.00069	-.00048
SDev	.00126	.00170	.00181	.00222	.00120
%RSD	319.14	93.050	244.91	323.00	248.11
#1	.00023	.00003	.00061	-.00008	-.00186
#2	-.00078	-.00220	-.00100	-.00315	.00020
#3	.00174	-.00331	.00262	.00117	.00022

Method: KICAP Sample Name: CRI(PQL) Operator: CT
Run Time: 07/24/09 10:02:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01033	.1122	.04172	.09977	.01008	.9683	.00880
SDev	.00007	.0017	.00017	.00016	.00003	.0014	.00005
%RSD	.69981	1.540	.41090	.16375	.25599	.1419	.58268
#1	.01026	.1103	.04153	.09987	.01007	.9676	.00875
#2	.01035	.1126	.04175	.09987	.01011	.9699	.00885
#3	.01040	.1137	.04187	.09958	.01006	.9674	.00881

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05098	.01036	.01154	.05241	4.168	1.061	.05209
SDev	.00020	.00016	.00045	.00014	.022	.002	.00006
%RSD	.38694	1.5114	3.8924	.25732	.5192	.1628	.11091
#1	.05078	.01024	.01125	.05228	4.144	1.059	.05208
#2	.05117	.01031	.01205	.05254	4.174	1.063	.05215
#3	.05101	.01054	.01130	.05240	4.187	1.062	.05203

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05072	.8938	.05177	.05270	.05055	.05233	.05055
SDev	.00061	.0009	.00067	.00134	.00009	.00012	.00023
%RSD	1.2077	.1060	1.2931	2.5446	.17209	.22619	.46431
#1	.05007	.8930	.05253	.05119	.05059	.05232	.05070
#2	.05129	.8948	.05150	.05313	.05060	.05246	.05028
#3	.05078	.8935	.05128	.05376	.05045	.05222	.05067

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02134	.01065	.02169	.01007	.00967	.06290	.01079
SDev	.00005	.00030	.00161	.00064	.00007	.00082	.00307
%RSD	.24702	2.8382	7.4015	6.3654	.73875	1.3065	28.432
#1	.02130	.01056	.02015	.00982	.00963	.06360	.00907
#2	.02133	.01098	.02158	.01080	.00962	.06200	.01434
#3	.02140	.01040	.02335	.00960	.00975	.06311	.00898

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00971	.00948	.00976	.06167	.06352
SDev	.00060	.00075	.00047	.00397	.00085
%RSD	6.1977	7.8520	4.8347	6.4348	1.3323
#1	.01019	.01012	.00939	.06374	.06279
#2	.00904	.00967	.00959	.05710	.06445
#3	.00991	.00866	.01029	.06418	.06333

Method: KICAP Sample Name: ICSA-INITIAL Operator: CT
Run Time: 07/24/09 10:10:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	453.6	-.00019	-.00156	.00003	496.9	-.00041
SDev	.00081	1.4	.00039	.00008	.00001	1.8	.00010
%RSD	314.53	.3058	203.20	5.1964	25.484	.3530	23.316
#1	-.00067	454.3	.00014	-.00147	.00003	495.8	-.00051
#2	.00063	454.6	-.00009	-.00161	.00002	498.9	-.00032
#3	.00081	452.0	-.00062	-.00161	.00002	495.9	-.00040
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value		500.0				500.0	
Range		20.00				20.00	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00091	-.00106	-.00037	184.57	-.2908	479.6	.00003
SDev	.00013	.00014	.00049	.68	.0114	1.9	.00006
%RSD	14.045	13.397	131.95	.36583	3.938	.3862	214.35
#1	-.00078	-.00090	-.00084	184.33	-.2779	479.6	.00002
#2	-.00091	-.00118	-.00042	185.34	-.3000	481.4	.00009
#3	-.00104	-.00109	.00014	184.05	-.2943	477.7	-.00003
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.0	
Range				20.000		20.00	

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	-.0140	-.00006	.00322	-.00042	-.00127	.00003
SDev	.00178	.0012	.00047	.00155	.00002	.00015	.00046
%RSD	454.55	8.224	748.41	48.319	4.2320	11.481	1512.8
#1	.00160	-.0129	-.00061	.00385	-.00040	-.00113	-.00049
#2	-.00183	-.0139	.00020	.00145	-.00043	-.00125	.00033
#3	-.00094	-.0152	.00022	.00436	-.00042	-.00142	.00026
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.00107	.00538	.00239	.00355	-.00110	.00933
SDev	.00017	.00118	.00170	.00176	.00198	.00043	.00938
%RSD	27.531	110.37	31.574	73.541	55.863	39.308	100.51
#1	.00044	.00005	.00494	.00064	.00515	-.00153	.01744
#2	.00079	.00236	.00725	.00416	.00133	-.00067	-.00094
#3	.00065	.00080	.00394	.00237	.00418	-.00111	.01150
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value
Range

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00107	.00456	.00305	-.00559	.00188
SDev	.00729	.01214	.00314	.01316	.00593
%RSD	679.12	266.09	102.77	235.60	314.78
#1	-.00774	.01288	.00129	-.01950	.00819
#2	.00671	-.00937	.00667	.00666	-.00358
#3	-.00218	.01017	.00119	-.00392	.00104
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value
Range

Method: KICAP Sample Name: ICSAB-INITIAL Operator: CT
Run Time: 07/24/09 10:14:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19162	442.2	.47805	.46354	.47071	486.4	.87860
SDev	.00135	3.2	.00515	.00441	.00452	4.1	.00746
%RSD	.70362	.7134	1.0779	.95130	.96068	.8423	.84925
#1	.19020	438.7	.47227	.45852	.46554	481.7	.87007
#2	.19178	443.3	.47972	.46531	.47269	488.1	.88180
#3	.19288	444.7	.48216	.46679	.47391	489.4	.88393
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.20000	500.0	.50000	.50000	.50000	500.0	1.0000
Range	20.000	20.00	20.000	20.000	20.000	20.00	20.000

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44735	.45243	.50328	180.34	7.283	467.0	.46388
SDev	.00430	.00399	.00492	1.68	.015	4.1	.00417
%RSD	.96091	.88253	.97724	.93365	.1999	.8675	.89802
#1	.44243	.44787	.49767	178.42	7.274	462.4	.45913
#2	.44928	.45412	.50532	181.04	7.275	468.6	.46563
#3	.45036	.45531	.50685	181.56	7.300	469.9	.46689
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	200.00		500.0	.50000
Range	20.000	20.000	20.000	20.000		20.00	20.000

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45363	1.127	.88703	.46214	.45826	.47014	.46543
SDev	.00832	.005	.00740	.00493	.00402	.00456	.00398
%RSD	1.8339	.4663	.83463	1.0660	.87778	.96919	.85431
#1	.44422	1.122	.87859	.45702	.45369	.46493	.46096
#2	.45670	1.127	.89007	.46257	.45986	.47211	.46676
#3	.45999	1.132	.89242	.46685	.46125	.47338	.46857
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000		1.0000	.50000	.50000	.50000	.50000
Range	20.000		20.000	20.000	20.000	20.000	20.000

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98216	.09863	.09373	.04534	.05069	.60638	.06419
SDev	.00999	.00068	.00240	.00142	.00242	.00276	.00062
%RSD	1.0169	.69122	2.5606	3.1382	4.7800	.45568	.97067
#1	.97071	.09788	.09103	.04472	.04849	.60345	.06484
#2	.98673	.09879	.09563	.04697	.05329	.60675	.06360
#3	.98905	.09922	.09454	.04434	.05029	.60894	.06413
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK

Value	1.0000	.10000	.10000	.05000	.05000	.60000
Range	20.000	20.000	20.000	20.000	20.000	20.000
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.03594	.05904	.04652	.59327	.61317	
SDev	.00237	.00501	.00377	.01009	.00550	
%RSD	6.6013	8.4860	8.1053	1.7001	.89768	
#1	.03467	.05430	.04560	.58804	.61189	
#2	.03867	.05854	.05067	.60490	.60842	
#3	.03446	.06428	.04330	.58687	.61920	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
Value						
Range						

Method: KICAP Sample Name: MB-9759 Operator: CT
Run Time: 07/24/09 10:28:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	-.0060	-.00073	-.00014	-.00002	.0036	-.00010
SDev	.00077	.0017	.00043	.00004	.00001	.0007	.00003
%RSD	200.45	28.65	58.953	28.868	24.255	20.24	25.942
#1	-.00119	-.0078	-.00091	-.00017	-.00003	.0045	-.00009
#2	-.00029	-.0056	-.00024	-.00009	-.00002	.0032	-.00012
#3	.00034	-.0045	-.00103	-.00017	-.00002	.0032	-.00007

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00069	-.00062	.00035	.00155	-.0512	-.0040	.00008
SDev	.00007	.00008	.00033	.00002	.0118	.0007	.00001
%RSD	10.630	12.338	95.785	1.5500	23.12	18.10	9.3014
#1	-.00077	-.00070	-.00000	.00157	-.0643	-.0049	.00007
#2	-.00069	-.00055	.00066	.00155	-.0412	-.0036	.00009
#3	-.00062	-.00059	.00038	.00153	-.0481	-.0036	.00009

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	-.0025	-.00012	.00067	-.00007	-.00019	-.00014
SDev	.00067	.0007	.00044	.00090	.00001	.00012	.00043
%RSD	708.56	27.45	359.36	135.01	16.367	66.170	308.25
#1	-.00066	-.0031	-.00059	.00171	-.00008	-.00033	-.00064
#2	.00061	-.0018	-.00007	.00008	-.00007	-.00009	.00008
#3	.00033	-.0025	.00029	.00022	-.00006	-.00014	.00014

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00072	-.00018	-.00105	.00123	.00022	-.00127	.00139
SDev	.00012	.00053	.00087	.00033	.00054	.00073	.00194
%RSD	16.997	289.78	82.846	26.968	238.91	57.496	139.34
#1	.00058	-.00073	-.00020	.00128	.00070	-.00198	.00157
#2	.00075	.00031	-.00194	.00088	-.00036	-.00130	.00323
#3	.00082	-.00012	-.00102	.00154	.00033	-.00052	-.00063

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00115	-.00009	.00038	-.00433	-.00024
SDev	.00146	.00209	.00126	.00318	.00107
%RSD	126.50	2293.7	329.22	73.439	440.92
#1	.00113	.00161	.00025	-.00455	-.00070
#2	-.00029	.00053	-.00080	-.00738	.00098
#3	.00263	-.00242	.00171	-.00104	-.00101

Method: KICAP Sample Name: LCS-9759 Operator: CT
Run Time: 07/24/09 10:31:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04952	1.017	.51153	.20605	.21124	10.22	.20709
SDev	.00057	.002	.00262	.00058	.00068	.03	.00067
%RSD	1.1581	.1916	.51261	.28103	.32395	.2935	.32267
#1	.04910	1.015	.50981	.20591	.21099	10.20	.20677
#2	.05017	1.017	.51023	.20556	.21071	10.20	.20664
#3	.04928	1.019	.51455	.20669	.21201	10.25	.20786

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20896	.21083	.21323	1.0777	10.75	10.41	.21396
SDev	.00076	.00074	.00089	.0034	.01	.04	.00068
%RSD	.36455	.35209	.41799	.31233	.0791	.3535	.31634
#1	.20858	.21057	.21260	1.0766	10.74	10.40	.21374
#2	.20847	.21025	.21283	1.0751	10.75	10.39	.21343
#3	.20984	.21166	.21425	1.0815	10.75	10.45	.21472

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20590	9.969	.21144	.21062	.20923	.21717	.21141
SDev	.00177	.005	.00033	.00078	.00057	.00083	.00046
%RSD	.85806	.0540	.15778	.37293	.27118	.38093	.21695
#1	.20475	9.966	.21147	.20976	.20922	.21672	.21104
#2	.20503	9.965	.21110	.21079	.20868	.21667	.21127
#3	.20794	9.975	.21176	.21131	.20981	.21813	.21192

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21783	.21221	.20426	.22164	.20103	.21404	.22072
SDev	.00056	.00186	.00487	.00251	.00252	.00274	.00229
%RSD	.25468	.87702	2.3859	1.1344	1.2522	1.2794	1.0359
#1	.21743	.21145	.19877	.21884	.19887	.21135	.22215
#2	.21760	.21085	.20592	.22369	.20043	.21682	.21808
#3	.21846	.21433	.20809	.22239	.20380	.21395	.22192

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.22210	.19898	.20206	.21601	.21355
SDev	.00468	.00473	.00306	.01124	.00223
%RSD	2.1071	2.3778	1.5142	5.2046	1.0442
#1	.21718	.19956	.19853	.20606	.21399
#2	.22649	.19399	.20365	.22821	.21114
#3	.22262	.20340	.20400	.21378	.21553

Method: KICAP Sample Name: 0907072-001A Operator: CT
Run Time: 07/24/09 10:39:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	129.7	.04814	2.5157	.00723	197.1	.00633
SDev	.00023	.9	.00090	.0217	.00003	1.3	.00011
%RSD	53.928	.7182	1.8764	.86144	.38707	.6542	1.6989
#1	-.00021	128.6	.04774	2.5097	.00720	196.3	.00631
#2	-.00067	130.4	.04750	2.5397	.00725	198.6	.00624
#3	-.00040	130.1	.04917	2.4976	.00724	196.3	.00645

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09123	.21806	.29242	217.57	25.31	83.02	4.7743
SDev	.00076	.00141	.00231	1.48	.12	.46	.0323
%RSD	.83635	.64705	.78938	.68023	.4822	.5527	.67571
#1	.09038	.21655	.29145	216.66	25.17	82.63	4.7574
#2	.09147	.21934	.29505	219.28	25.38	83.53	4.8115
#3	.09184	.21829	.29075	216.78	25.38	82.91	4.7540

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00767	.8452	.21821	.02278	.56128	1.8164	.26267
SDev	.00060	.0036	.00096	.00152	.00446	.0135	.00179
%RSD	7.8712	.4248	.43890	6.6561	.79523	.74070	.68283
#1	.00810	.8411	.21746	.02316	.55960	1.8113	.26134
#2	.00792	.8478	.21929	.02111	.56634	1.8317	.26471
#3	.00698	.8467	.21789	.02407	.55790	1.8063	.26196

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.1394	.06542	-.01823	7.1715	.00827	.05436	7.1708
SDev	.0281	.00049	.00124	.0585	.00102	.00088	.0079
%RSD	.67892	.74586	6.8279	.81561	12.383	1.6145	.11055
#1	4.1250	.06504	-.01882	7.1049	.00938	.05536	7.1652
#2	4.1718	.06597	-.01907	7.2142	.00804	.05397	7.1799
#3	4.1215	.06526	-.01680	7.1955	.00738	.05375	7.1674

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	7.1719	.00801	.00840	.04982	.05663
SDev	.0848	.00100	.00106	.00290	.00140
%RSD	1.1829	12.435	12.670	5.8160	2.4721
#1	7.0747	.00896	.00960	.04672	.05818
#2	7.2314	.00809	.00801	.05246	.05547
#3	7.2095	.00697	.00758	.05027	.05623

Method: KICAP Sample Name: 0907072-001AMS Operator: CT
Run Time: 07/24/09 10:43:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09802	140.1	.98497	2.9403	.41197	265.2	.38881
SDev	.00119	1.1	.00507	.0150	.00132	.8	.00066
%RSD	1.2110	.7811	.51453	.51024	.32008	.3043	.17001
#1	.09712	140.1	.98018	2.9343	.41095	264.7	.38807
#2	.09759	139.1	.98445	2.9292	.41150	264.8	.38901
#3	.09937	141.3	.99028	2.9573	.41346	266.2	.38934

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48759	.61862	.70752	212.93	68.51	106.7	5.7296
SDev	.00039	.00124	.00327	.57	.23	.1	.0145
%RSD	.07926	.20001	.46210	.26601	.3288	.1309	.25344
#1	.48725	.61733	.70591	212.42	68.66	106.6	5.7198
#2	.48801	.61873	.70536	212.82	68.62	106.8	5.7228
#3	.48750	.61979	.71128	213.54	68.25	106.8	5.7463

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38389	21.76	.61505	.38280	1.0055	2.2967	.67115
SDev	.00263	.15	.00166	.00100	.0050	.0103	.00324
%RSD	.68560	.6745	.27022	.26087	.50204	.44828	.48224
#1	.38160	21.74	.61365	.38271	1.0030	2.2904	.66863
#2	.38329	21.91	.61462	.38185	1.0021	2.2911	.67002
#3	.38676	21.62	.61689	.38384	1.0113	2.3086	.67480

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.5083	.49956	.36189	10.730	.39176	.22700	10.238
SDev	.0115	.00274	.00338	.037	.00144	.00191	.066
%RSD	.25564	.54931	.93364	.34690	.36747	.83905	.64211
#1	4.4994	.49719	.35800	10.697	.39303	.22710	10.296
#2	4.5040	.49893	.36374	10.722	.39020	.22504	10.251
#3	4.5213	.50256	.36395	10.770	.39204	.22885	10.167

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.267	.39142	.39193	.22370	.22914
SDev	.081	.00807	.00415	.01508	.00645
%RSD	.78975	2.0625	1.0592	6.7409	2.8132
#1	10.332	.39878	.39017	.21531	.23448
#2	10.176	.39270	.38895	.21467	.23097
#3	10.292	.38278	.39667	.24110	.22198

Method: KICAP Sample Name: 0907072-001AMSD Operator: CT
Run Time: 07/24/09 10:46:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09794	136.7	.96869	3.0003	.40826	266.4	.38402
SDev	.00023	.6	.00678	.0195	.00238	1.3	.00172
%RSD	.23478	.4636	.69950	.65110	.58268	.4994	.44889
#1	.09812	136.0	.96100	2.9793	.40556	264.9	.38205
#2	.09803	137.2	.97381	3.0179	.41005	267.4	.38524
#3	.09768	136.8	.97125	3.0037	.40917	266.9	.38476

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48427	.60821	.69965	208.68	65.85	104.3	6.2143
SDev	.00248	.00274	.00473	1.12	.05	.4	.0311
%RSD	.51295	.44984	.67533	.53736	.0817	.4170	.50110
#1	.48142	.60507	.69438	207.41	65.90	103.8	6.1795
#2	.48597	.61001	.70352	209.52	65.85	104.5	6.2397
#3	.48541	.60956	.70105	209.13	65.79	104.5	6.2236

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38120	21.35	.60322	.37212	.99434	2.2032	.66158
SDev	.00393	.15	.00221	.00218	.00602	.0124	.00345
%RSD	1.0302	.7064	.36602	.58715	.60498	.56478	.52173
#1	.37667	21.43	.60069	.37273	.98799	2.1892	.65784
#2	.38315	21.17	.60423	.36970	.99995	2.2129	.66465
#3	.38376	21.43	.60475	.37394	.99506	2.2075	.66225

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.5061	.52669	.35405	9.9012	.38835	.25821	9.4791
SDev	.0248	.00280	.00392	.0403	.00252	.00146	.0146
%RSD	.55141	.53231	1.1077	.40689	.64880	.56397	.15396
#1	4.4780	.52372	.34990	9.8552	.38562	.25656	9.4873
#2	4.5249	.52929	.35456	9.9301	.39058	.25879	9.4622
#3	4.5155	.52705	.35769	9.9184	.38885	.25930	9.4878

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	9.5446	.38471	.39016	.25560	.25977
SDev	.0594	.00216	.00386	.00073	.00176
%RSD	.62267	.56177	.98834	.28500	.67607
#1	9.4762	.38369	.38657	.25527	.25795
#2	9.5737	.38325	.39424	.25643	.26146
#3	9.5838	.38719	.38967	.25509	.25990

Method: KICAP Sample Name: CCVH1 Operator: CT
Run Time: 07/24/09 10:50:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.0175	.00359	.00028	.00004	49.14	-.00037
SDev	.00032	.0374	.00155	.00084	.00011	.14	.00013
%RSD	50.001	213.4	43.379	298.27	259.39	.2871	36.391
#1	.00098	.0601	.00516	.00125	.00017	49.17	-.00022
#2	.00034	.0018	.00354	-.00009	-.00000	49.26	-.00041
#3	.00062	-.0095	.00205	-.00031	-.00004	48.99	-.00048
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00224	4.9905	.00064	10.167	-.1289	.0194	.00137
SDev	.00031	.0120	.00052	.061	.0233	.0302	.00170
%RSD	13.865	.24138	80.166	.60049	18.07	155.7	124.69
#1	-.00191	4.9917	.00024	10.226	-.1022	.0537	.00331
#2	-.00229	5.0019	.00123	10.170	-.1391	.0077	.00064
#3	-.00253	4.9779	.00047	10.104	-.1453	-.0032	.00015
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00144	47.91	.00061	-.00326	.00020	.00051	.00052
SDev	.00082	.19	.00019	.00050	.00026	.00080	.00028
%RSD	56.765	.4017	30.345	15.368	129.93	156.09	54.171
#1	.00122	48.03	.00081	-.00297	.00051	.00142	.00085
#2	.00235	48.02	.00044	-.00383	.00009	.00019	.00033
#3	.00076	47.69	.00059	-.00297	.00001	-.00007	.00039
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00188	-.00277	-.00352	9.8693	-.00142	.00324	10.099
SDev	.00127	.00045	.00268	.0235	.00097	.00153	.028
%RSD	67.718	16.239	76.215	.23820	68.610	47.213	.27542
#1	.00333	-.00267	-.00047	9.8795	-.00185	.00161	10.109
#2	.00136	-.00238	-.00459	9.8860	-.00211	.00345	10.120
#3	.00095	-.00326	-.00550	9.8424	-.00030	.00464	10.067
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.167	-.00475	.00024	-.00413	.00641
SDev	.123	.00198	.00173	.00496	.00185
%RSD	1.2147	41.706	717.02	120.22	28.808
#1	10.025	-.00690	.00067	-.00243	.00513
#2	10.232	-.00300	-.00166	-.00971	.00853
#3	10.244	-.00435	.00172	-.00023	.00558
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV1 Operator: CT
Run Time: 07/24/09 10:54:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25040	4.870	.50057	.50812	.49582	9.915	.50083
SDev	.00116	.023	.00352	.00264	.00271	.041	.00261
%RSD	.46413	.4809	.70420	.52018	.54718	.4185	.52070
#1	.24919	4.846	.49657	.50572	.49304	9.875	.49799
#2	.25150	4.893	.50322	.51095	.49846	9.958	.50311
#3	.25051	4.872	.50192	.50770	.49596	9.911	.50139
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50240	.50027	.50526	1.0007	10.41	9.979	.50196
SDev	.00288	.00190	.00221	.0033	.08	.055	.00265
%RSD	.57297	.37971	.43767	.32925	.7764	.5538	.52847
#1	.49913	.49829	.50325	.99928	10.32	9.916	.49921
#2	.50456	.50207	.50763	1.0045	10.41	10.02	.50450
#3	.50351	.50045	.50490	.99839	10.49	10.00	.50217
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50319	9.690	.49948	.49044	.49943	.48243	.50247
SDev	.00472	.037	.00265	.00044	.00258	.00217	.00265
%RSD	.93842	.3843	.52951	.08977	.51679	.44981	.52792
#1	.49776	9.649	.49652	.49004	.49697	.48016	.49963
#2	.50635	9.700	.50162	.49091	.50212	.48449	.50489
#3	.50546	9.722	.50029	.49038	.49921	.48265	.50290
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50899	.49889	.49070	.50231	.49047	.49403	.50004
SDev	.00261	.00211	.00669	.00045	.00433	.00384	.00136
%RSD	.51305	.42228	1.3636	.09045	.88201	.77749	.27107
#1	.50617	.49659	.48308	.50234	.48564	.48971	.50159
#2	.51133	.50072	.49339	.50184	.49178	.49531	.49909
#3	.50946	.49937	.49563	.50275	.49399	.49707	.49944
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.50344	.49006	.49067	.49246	.49432	
SDev	.00086	.00225	.00551	.00821	.00244	
%RSD	.17138	.45937	1.1234	1.6678	.49371	
#1	.50272	.48813	.48439	.48312	.49225	
#2	.50321	.48951	.49292	.49857	.49368	
#3	.50440	.49253	.49471	.49568	.49701	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB1 Operator: CT
Run Time: 07/24/09 10:57:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	-.0111	.00046	-.00012	.00006	.0035	-.00010
SDev	.00042	.0014	.00071	.00015	.00012	.0032	.00015
%RSD	127.37	12.73	156.72	124.91	185.47	91.92	148.82
#1	.00015	-.0096	.00116	.00005	.00019	.0070	.00006
#2	-.00050	-.0113	.00048	-.00017	.00003	.0030	-.00011
#3	-.00064	-.0124	-.00027	-.00024	-.00003	.0006	-.00025

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00102	-.00111	.00016	.00055	-.0813	-.0071	-.00010
SDev	.00025	.00017	.00055	.00093	.0151	.0031	.00015
%RSD	23.996	15.314	351.88	167.32	18.58	44.40	147.57
#1	-.00087	-.00102	.00056	.00157	-.0726	-.0040	.00005
#2	-.00090	-.00100	.00038	.00031	-.0726	-.0069	-.00011
#3	-.00131	-.00130	-.00047	-.00023	-.0987	-.0103	-.00024

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00147	-.0017	-.00003	-.00187	-.00001	-.00038	-.00012
SDev	.00052	.0022	.00031	.00094	.00013	.00017	.00024
%RSD	35.152	124.7	1193.0	50.044	1729.9	45.052	200.98
#1	.00197	.0005	.00007	-.00144	.00014	-.00024	.00008
#2	.00150	-.0020	.00022	-.00295	-.00004	-.00033	-.00005
#3	.00094	-.0038	-.00037	-.00124	-.00012	-.00056	-.00038

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00042	.00084	-.00129	.00062	-.00159	-.00171
SDev	.00006	.00086	.00219	.00024	.00159	.00008	.00049
%RSD	18.567	205.82	260.05	18.290	255.04	5.0027	28.678
#1	.00039	.00080	.00287	-.00105	-.00038	-.00167	-.00225
#2	.00031	.00103	.00112	-.00152	.00246	-.00160	-.00128
#3	.00027	-.00057	-.00147	-.00131	-.00020	-.00151	-.00160

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00108	-.00063	.00125	-.00351	-.00038
SDev	.00060	.00173	.00161	.00218	.00027
%RSD	55.187	273.34	128.33	61.945	70.238
#1	-.00045	-.00224	.00054	-.00300	-.00026
#2	-.00163	.00119	.00309	-.00590	-.00020
#3	-.00117	-.00085	.00012	-.00164	-.00069

Method: KICAP Sample Name: 0907072-001ASD Operator: CT
Run Time: 07/24/09 11:03:29
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	131.6	.04350	2.5481	.00721	196.9	.00539
SDev	.00170	.5	.00143	.0135	.00005	1.1	.00043
%RSD	2773.4	.4175	3.2761	.53010	.69527	.5627	7.9051
#1	-.00185	131.3	.04187	2.5451	.00716	196.1	.00495
#2	.00137	132.2	.04412	2.5628	.00725	198.2	.00542
#3	.00066	131.1	.04451	2.5363	.00723	196.5	.00580

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08956	.22859	.29039	221.78	17.25	85.96	4.9142
SDev	.00176	.00173	.00256	1.27	.12	.45	.0270
%RSD	1.9590	.75835	.88145	.57410	.6892	.5287	.54975
#1	.08805	.22679	.28911	221.05	17.17	85.64	4.9018
#2	.08914	.23025	.28873	223.25	17.20	86.48	4.9452
#3	.09149	.22873	.29334	221.04	17.39	85.76	4.8957

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01375	.7079	.22907	.01880	.57006	1.8395	.26621
SDev	.00329	.0052	.00153	.01226	.00300	.0109	.00244
%RSD	23.909	.7270	.66896	65.212	.52554	.59386	.91733
#1	.01008	.7057	.22784	.01070	.56876	1.8368	.26541
#2	.01641	.7042	.23079	.01281	.57349	1.8515	.26896
#3	.01477	.7138	.22858	.03291	.56794	1.8302	.26428

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.2840	.06555	-.01763	7.3630	.00640	.04794	7.3553
SDev	.0231	.00218	.00449	.0469	.00752	.00622	.0330
%RSD	.53880	3.3280	25.442	.63741	117.58	12.962	.44856
#1	4.2731	.06431	-.01949	7.3562	.01438	.04169	7.3224
#2	4.3105	.06429	-.02090	7.3198	.00536	.05412	7.3552
#3	4.2683	.06807	-.01252	7.4129	-.00055	.04802	7.3884

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	7.3668	-.00338	.01127	.03103	.05389
SDev	.0618	.01124	.01498	.02124	.01037
%RSD	.83825	332.69	132.84	68.469	19.243
#1	7.3730	-.00522	.02417	.04865	.04197
#2	7.3022	-.01358	.01481	.03700	.05892
#3	7.4252	.00867	-.00515	.00744	.06079

Method: KICAP Sample Name: 0907072-001APDS Operator: CT
Run Time: 07/24/09 11:07:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09565	126.2	1.0526	2.7716	.39887	207.8	.37745
SDev	.00117	.3	.0044	.0136	.00184	.9	.00178
%RSD	1.2191	.2004	.41821	.49070	.46073	.4143	.47066
#1	.09474	126.4	1.0542	2.7827	.39986	208.3	.37806
#2	.09696	126.3	1.0559	2.7758	.40001	208.4	.37884
#3	.09523	126.0	1.0476	2.7565	.39675	206.9	.37545

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46783	.58788	.68680	209.46	59.27	98.09	4.9185
SDev	.00211	.00246	.00306	.96	.15	.42	.0220
%RSD	.45183	.41772	.44562	.45993	.2601	.4323	.44746
#1	.46857	.58862	.68922	209.95	59.33	98.21	4.9308
#2	.46947	.58987	.68782	210.08	59.38	98.44	4.9316
#3	.46544	.58513	.68336	208.35	59.09	97.62	4.8931

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38927	20.98	.58906	.40754	.91527	2.1333	.64157
SDev	.00214	.09	.00236	.00285	.00443	.0097	.00267
%RSD	.54999	.4398	.40110	.69907	.48368	.45238	.41593
#1	.38695	20.89	.59012	.40792	.91866	2.1391	.64231
#2	.39118	21.08	.59071	.41018	.91689	2.1386	.64378
#3	.38967	20.98	.58636	.40452	.91026	2.1221	.63860

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.3375	.46433	.36301	7.2251	.39320	.46273	7.2315
SDev	.0212	.00426	.00211	.0203	.00284	.00373	.0201
%RSD	.48976	.91860	.57996	.28088	.72186	.80534	.27834
#1	4.3499	.46452	.36121	7.2344	.39024	.45850	7.2471
#2	4.3497	.46850	.36533	7.2018	.39347	.46417	7.2088
#3	4.3130	.45997	.36250	7.2390	.39590	.46552	7.2387

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	7.2218	.39742	.39110	.45483	.46542
SDev	.0211	.00464	.00355	.01123	.00286
%RSD	.29268	1.1678	.90884	2.4697	.61407
#1	7.2281	.39667	.38703	.44231	.46508
#2	7.1983	.39320	.39361	.46401	.46275
#3	7.2391	.40239	.39266	.45818	.46844

Method: KICAP Sample Name: 0907072-002A Operator: CT
Run Time: 07/24/09 11:10:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	73.62	.05954	2.5430	.00825	470.2	.02311
SDev	.00027	.38	.00064	.0116	.00008	2.1	.00002
%RSD	182.27	.5099	1.0756	.45694	.94360	.4421	.06949
#1	.00011	73.26	.06018	2.5378	.00834	468.6	.02309
#2	.00044	73.58	.05956	2.5350	.00820	469.4	.02312
#3	-.00010	74.01	.05890	2.5564	.00821	472.6	.02312

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05872	.14552	.32256	137.94	14.47	111.9	3.4098
SDev	.00035	.00054	.00157	.60	.07	.5	.0136
%RSD	.59292	.36989	.48711	.43315	.5072	.4318	.40009
#1	.05840	.14494	.32149	137.52	14.39	111.4	3.4011
#2	.05867	.14562	.32182	137.67	14.53	111.8	3.4026
#3	.05909	.14600	.32436	138.63	14.50	112.4	3.4255

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01027	2.418	.13860	.04455	1.6029	2.6797	.22097
SDev	.00045	.006	.00051	.00107	.0065	.0130	.00060
%RSD	4.4073	.2356	.37096	2.4011	.40786	.48496	.27353
#1	.00975	2.412	.13823	.04395	1.5999	2.6717	.22050
#2	.01060	2.418	.13838	.04391	1.5984	2.6728	.22076
#3	.01046	2.423	.13919	.04578	1.6104	2.6947	.22165

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.4375	.07343	-.01746	18.797	.01271	.05915	18.212
SDev	.0264	.00088	.00099	.091	.00188	.00084	.040
%RSD	.41051	1.2026	5.6499	.48151	14.800	1.4117	.21797
#1	6.4188	.07286	-.01665	18.730	.01214	.05908	18.167
#2	6.4261	.07444	-.01718	18.762	.01118	.05835	18.227
#3	6.4677	.07297	-.01856	18.900	.01481	.06002	18.242

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	18.209	.01208	.01302	.05589	.06053
SDev	.256	.00264	.00196	.00192	.00078
%RSD	1.4047	21.873	15.019	3.4383	1.2944
#1	17.925	.00964	.01339	.05728	.05998
#2	18.278	.01171	.01091	.05370	.06142
#3	18.422	.01489	.01477	.05669	.06018

Method: KICAP Sample Name: 0907072-003A Operator: CT
Run Time: 07/24/09 11:14:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00126	63.39	.08152	2.3174	.02061	64.68	.00258
SDev	.00042	.18	.00037	.0080	.00007	.10	.00007
%RSD	33.378	.2825	.45611	.34460	.34608	.1605	2.8842
#1	.00081	63.24	.08110	2.3120	.02055	64.64	.00262
#2	.00134	63.36	.08165	2.3136	.02059	64.60	.00262
#3	.00164	63.59	.08181	2.3265	.02069	64.79	.00250

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09350	.12075	.71395	104.63	5.845	9.456	1.0687
SDev	.00046	.00042	.00294	.34	.020	.006	.0029
%RSD	.49268	.34481	.41124	.32388	.3380	.0635	.26685
#1	.09297	.12027	.71161	104.34	5.851	9.458	1.0664
#2	.09378	.12098	.71299	104.55	5.861	9.449	1.0680
#3	.09375	.12100	.71725	105.00	5.823	9.461	1.0719

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02713	1.565	.16920	.05533	2.7173	4.8092	.34629
SDev	.00052	.000	.00119	.00125	.0087	.0152	.00122
%RSD	1.9130	.0056	.70150	2.2599	.32010	.31602	.35142
#1	.02707	1.564	.16787	.05443	2.7108	4.7977	.34512
#2	.02768	1.565	.16957	.05481	2.7140	4.8035	.34619
#3	.02665	1.564	.17016	.05676	2.7272	4.8265	.34755

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9213	.21187	-.00862	56.402	.02428	.48272	57.984
SDev	.0064	.00176	.00031	.232	.00067	.00567	.154
%RSD	.33198	.83026	3.6349	.41221	2.7707	1.1749	.26485
#1	1.9170	.20996	-.00843	56.206	.02467	.47626	57.842
#2	1.9182	.21219	-.00844	56.342	.02468	.48503	57.962
#3	1.9286	.21344	-.00898	56.659	.02351	.48687	58.147

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	58.885	.02334	.02476	.48696	.48085
SDev	.683	.00178	.00018	.00909	.00291
%RSD	1.1593	7.6404	.73938	1.8670	.60423
#1	58.108	.02408	.02496	.47677	.47750
#2	59.159	.02463	.02470	.48986	.48262
#3	59.389	.02130	.02461	.49425	.48244

Method: KICAP Sample Name: 0907072-004A Operator: CT
Run Time: 07/24/09 11:18:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07258	79.53	.08551	8.5435	.00727	80.85	.00549
SDev	.00072	.72	.00090	.0742	.00003	.72	.00098
%RSD	.98937	.9032	1.0553	.86848	.42524	.8951	17.797
#1	.07180	79.17	.08584	8.5157	.00727	80.57	.00586
#2	.07271	79.06	.08620	8.4872	.00724	80.31	.00623
#3	.07322	80.35	.08448	8.6276	.00730	81.67	.00438

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12931	1.4326	20.490	2229.8	11.49	21.80	69.508
SDev	.00090	.0119	.179	41.8	.10	.19	.367
%RSD	.69810	.82839	.87223	1.8727	.8779	.8843	.52753
#1	.12905	1.4277	20.425	2214.1	11.43	21.72	69.523
#2	.12857	1.4240	20.354	2198.2	11.44	21.66	69.134
#3	.13031	1.4461	20.693	2277.1	11.61	22.02	69.867

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02968	8.878	.49827	2.5108	1.2999	1.4667	.27491
SDev	.00148	.064	.00492	.0207	.0114	.0133	.00197
%RSD	4.9756	.7215	.98678	.82606	.87717	.90798	.71532
#1	.02797	8.835	.49547	2.5051	1.2959	1.4610	.27381
#2	.03051	8.847	.49539	2.4936	1.2911	1.4572	.27373
#3	.03055	8.951	.50395	2.5338	1.3128	1.4819	.27718

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.593	.58434	-.24639	840.87	.15895	21.663	S11.623
SDev	.109	.00690	.00416	8.09	.00504	.127	.010
%RSD	.58765	1.1809	1.6900	.96210	3.1709	.58836	.08447
#1	18.562	.58180	-.24499	836.24	.15757	21.592	S11.614
#2	18.503	.57907	-.24311	836.16	.15473	21.588	S11.633
#3	18.715	.59215	-.25108	850.21	.16453	21.810	S11.620

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S9.5989	.04830	.21419	21.857	21.567
SDev	.0379	.00458	.00677	.229	.117
%RSD	.39432	9.4757	3.1615	1.0497	.54334
#1	S9.5713	.05222	.21017	21.619	21.579
#2	S9.6421	.04327	.21038	21.875	21.445
#3	S9.5834	.04941	.22200	22.077	21.678

Method: KICAP Sample Name: 0907072-005A Operator: CT
Run Time: 07/24/09 11:22:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14219	71.01	.12043	8.9359	.00257	106.7	.14774
SDev	.00254	1.21	.00112	.1304	.00003	1.7	.00205
%RSD	1.7861	1.701	.92774	1.4588	1.1733	1.582	1.3903
#1	.14048	70.00	.11924	8.8347	.00254	105.3	.14606
#2	.14097	70.68	.12059	8.8901	.00257	106.1	.14712
#3	.14511	72.35	.12146	9.0830	.00260	108.5	.15003

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24509	.58139	22.900	1319.6	12.01	29.25	134.32
SDev	.00397	.00887	.344	30.1	.13	.47	.48
%RSD	1.6188	1.5254	1.5019	2.2814	1.089	1.606	.35619
#1	.24194	.57382	22.627	1294.8	11.91	28.86	134.66
#2	.24379	.57920	22.786	1310.8	11.97	29.12	134.54
#3	.24954	.59115	23.286	1353.1	12.16	29.77	133.78

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04249	21.21	.70461	15.022	1.9215	1.9240	.43468
SDev	.00172	.33	.01007	.238	.0280	.0309	.00689
%RSD	4.0458	1.564	1.4298	1.5876	1.4583	1.6086	1.5843
#1	-.04429	20.93	.69738	14.823	1.8998	1.8997	.42942
#2	-.04087	21.12	.70033	14.955	1.9116	1.9134	.43215
#3	-.04232	21.58	.71611	15.286	1.9531	1.9588	.44248

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	32.657	1.3405	.60243	954.62	.30059	65.662	S11.438
SDev	.036	.0252	.01783	11.91	.00539	1.220	.011
%RSD	.10931	1.8791	2.9592	1.2475	1.7917	1.8574	.10043
#1	32.624	1.3214	.58935	945.33	.29661	64.398	S11.437
#2	32.653	1.3310	.59520	950.48	.29844	65.754	S11.450
#3	32.695	1.3690	.62274	968.05	.30672	66.832	S11.427

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S8.9833	.26594	.31789	65.968	65.509
SDev	.1253	.01063	.00736	.132	1.764
%RSD	1.3949	3.9970	2.3137	.20070	2.6934
#1	S9.1167	.25396	.31791	65.818	63.690
#2	S8.9650	.27423	.31053	66.015	65.623
#3	S8.8681	.26963	.32524	66.070	67.214

Method: KICAP Sample Name: 0907072-006A Operator: CT
Run Time: 07/24/09 11:25:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06379	99.28	.06872	1.9622	.00643	376.3	.01657
SDev	.00066	.21	.00006	.0052	.00002	.7	.00005
%RSD	1.0302	.2145	.08265	.26510	.22819	.1950	.30338
#1	.06451	99.45	.06873	1.9662	.00644	377.0	.01662
#2	.06365	99.36	.06866	1.9640	.00641	376.5	.01652
#3	.06322	99.04	.06877	1.9563	.00642	375.5	.01656

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3829	1.0079	2.4872	208.20	20.44	142.1	7.0284
SDev	.0023	.0019	.0073	.42	.09	.3	.1257
%RSD	.16350	.18802	.29480	.20064	.4436	.1903	1.7888
#1	1.3844	1.0098	2.4936	208.60	20.53	142.4	7.1670
#2	1.3840	1.0079	2.4888	208.24	20.45	142.1	6.9966
#3	1.3803	1.0060	2.4792	207.77	20.35	141.9	6.9217

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00966	1.513	.53605	.14581	.70085	1.9082	.21858
SDev	.00055	.008	.00138	.00407	.00167	.0033	.00099
%RSD	5.6893	.5025	.25736	2.7921	.23835	.17142	.45114
#1	.01007	1.520	.53752	.15050	.70213	1.9107	.21958
#2	.00988	1.514	.53582	.14371	.70145	1.9093	.21854
#3	.00904	1.505	.53479	.14321	.69896	1.9045	.21761

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.9012	.08291	-.01917	25.016	.00712	.20545	23.782
SDev	.0225	.00153	.00098	.266	.00082	.05576	.223
%RSD	.38054	1.8431	5.1261	1.0626	11.535	27.139	.93616
#1	5.9250	.08467	-.01814	25.308	.00793	.26756	24.039
#2	5.8982	.08200	-.02009	24.949	.00714	.18906	23.639
#3	5.8804	.08206	-.01927	24.790	.00629	.15972	23.669

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	24.158	.00600	.00768	.22995	.19322
SDev	.242	.00206	.00223	.08318	.04210
%RSD	1.0024	34.272	29.047	36.173	21.789
#1	24.432	.00445	.00967	.32184	.24046
#2	23.972	.00522	.00810	.20818	.17951
#3	24.069	.00833	.00527	.15982	.15968

Method: KICAP Sample Name: 0907072-007A Operator: CT
Run Time: 07/24/09 11:29:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01847	65.86	.09335	5.8930	.00842	218.7	.01694
SDev	.00011	.30	.00067	.0256	.00006	.9	.00010
%RSD	.61304	.4540	.72229	.43433	.74290	.4320	.60566
#1	.01853	65.60	.09257	5.8725	.00835	217.9	.01684
#2	.01834	66.19	.09373	5.9217	.00848	219.7	.01704
#3	.01855	65.78	.09374	5.8847	.00842	218.4	.01693

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37881	.79904	3.9094	231.14	8.422	77.70	3.3763
SDev	.00161	.00356	.0179	1.15	.008	.35	.0134
%RSD	.42642	.44516	.45700	.49923	.0992	.4472	.39598
#1	.37708	.79571	3.8944	230.04	8.412	77.38	3.3656
#2	.38027	.80279	3.9292	232.34	8.427	78.07	3.3913
#3	.37909	.79862	3.9046	231.03	8.426	77.65	3.3719

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03607	2.276	.46843	.54138	1.0162	2.6439	.25859
SDev	.00145	.006	.00204	.00262	.0043	.0118	.00131
%RSD	4.0237	.2492	.43517	.48323	.42746	.44586	.50810
#1	.03698	2.271	.46614	.53836	1.0125	2.6336	.25731
#2	.03684	2.282	.47005	.54282	1.0210	2.6568	.25993
#3	.03440	2.276	.46909	.54296	1.0151	2.6412	.25852

Elem	Zn2138	As1890	Tl1908	Pb ✓	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1190	1.3683	-.01413	349.73	.01760	8.2090	S12.959
SDev	.0225	.0073	.00148	1.66	.00096	.0722	.010
%RSD	.43935	.53088	10.491	.47564	5.4248	.87927	.07388
#1	5.1006	1.3610	-.01455	348.14	.01844	8.1257	S12.970
#2	5.1441	1.3756	-.01536	351.46	.01656	8.2506	S12.953
#3	5.1123	1.3683	-.01248	349.59	.01780	8.2508	S12.954

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S12.931	.01656	.01812	8.3430	8.1416
SDev	.009	.00244	.00128	.1500	.0359
%RSD	.07338	14.714	7.0901	1.7974	.44081
#1	S12.942	.01925	.01804	8.1711	8.1015
#2	S12.924	.01593	.01688	8.4107	8.1706
#3	S12.927	.01450	.01944	8.4471	8.1528

Method: KICAP Sample Name: 0907072-008A Operator: CT
Run Time: 07/24/09 11:33:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00335	64.28	.09829	12.452	.01098	508.0	.01586
SDev	.00060	.23	.00082	.020	.00003	.7	.00017
%RSD	18.091	.3619	.83850	.15803	.27989	.1373	1.0667
#1	.00274	64.03	.09735	12.465	.01095	507.4	.01567
#2	.00395	64.49	.09886	12.463	.01101	508.8	.01593
#3	.00335	64.32	.09868	12.430	.01099	508.0	.01599

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23741	.24921	1.8131	116.27	10.07	42.36	3.1708
SDev	.00119	.00109	.0027	.20	.05	.12	.0043
%RSD	.50013	.43795	.14699	.17276	.4916	.2875	.13498
#1	.23607	.24795	1.8139	116.05	10.01	42.22	3.1663
#2	.23831	.24988	1.8153	116.44	10.10	42.44	3.1748
#3	.23786	.24979	1.8101	116.31	10.10	42.42	3.1712

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02134	3.064	.25321	.15089	3.3050	2.8086	.19768
SDev	.00045	.006	.00089	.00160	.0032	.0053	.00066
%RSD	2.0982	.2011	.34973	1.0573	.09676	.18975	.33413
#1	.02138	3.058	.25233	.14984	3.3054	2.8076	.19696
#2	.02176	3.070	.25321	.15010	3.3080	2.8144	.19826
#3	.02087	3.064	.25410	.15272	3.3016	2.8039	.19783

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.7813	.17770	-.00451	96.863	.01606	.63742	S13.622
SDev	.0072	.00122	.00315	.156	.00061	.00673	.003
%RSD	.12370	.68656	69.740	.16110	3.8058	1.0552	.02175
#1	5.7740	.17629	-.00776	96.850	.01676	.64444	S13.625
#2	5.7883	.17838	-.00429	97.026	.01566	.63681	S13.622
#3	5.7816	.17843	-.00148	96.714	.01575	.63103	S13.620

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S14.773	.01487	.01666	.64453	.63313
SDev	.002	.00406	.00113	.00712	.00709
%RSD	.01263	27.315	6.8119	1.1051	1.1192
#1	S14.775	.01954	.01538	.65263	.64035
#2	S14.772	.01291	.01703	.64174	.63285
#3	S14.773	.01215	.01755	.63922	.62618

Method: KICAP Sample Name: 0907072-009A Operator: CT
Run Time: 07/24/09 11:36:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02142	41.28	.07096	1.5542	.00385	1322.	.03658
SDev	.00059	.35	.00074	.0103	.00004	10.	.00030
%RSD	2.7325	.8473	1.0468	.66540	.99785	.7379	.81077
#1	.02175	41.08	.07112	1.5515	.00386	1320.	.03656
#2	.02074	41.69	.07162	1.5656	.00389	1333.	.03689
#3	.02176	41.09	.07015	1.5454	.00381	1314.	.03629

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03585	.15220	2.6071	146.38	5.761	12.73	2.8115
SDev	.00055	.00116	.0189	1.14	.048	.10	.0208
%RSD	1.5388	.75989	.72552	.77866	.8360	.8097	.74071
#1	.03603	.15219	2.6008	145.99	5.767	12.72	2.8058
#2	.03628	.15337	2.6284	147.67	5.806	12.84	2.8345
#3	.03523	.15106	2.5922	145.49	5.710	12.64	2.7940

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00529	1.859	.19305	1.2434	1.0770	1.2162	.07593
SDev	.00066	.011	.00160	.0074	.0072	.0088	.00021
%RSD	12.411	.6146	.82983	.59793	.67254	.71962	.27596
#1	.00576	1.855	.19278	1.2421	1.0748	1.2129	.07596
#2	.00557	1.872	.19477	1.2514	1.0851	1.2261	.07612
#3	.00454	1.850	.19160	1.2367	1.0711	1.2096	.07570

Elem	Zn2138	As1890	Tl1908	Pb ✓	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.4964	.94214	.00955	698.98	.00724	48.403	S12.088
SDev	.0470	.00798	.00141	4.64	.00136	.257	.013
%RSD	.72325	.84667	14.743	.66416	18.710	.53180	.11039
#1	6.4822	.94078	.01076	696.82	.00881	48.166	S12.100
#2	6.5489	.95071	.00990	704.31	.00639	48.677	S12.074
#3	6.4582	.93493	.00801	695.81	.00653	48.367	S12.091

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S10.407	.00374	.00899	49.383	47.915
SDev	.042	.00444	.00032	.921	.222
%RSD	.40160	118.66	3.5471	1.8643	.46228
#1	S10.379	.00885	.00878	48.331	48.084
#2	S10.387	.00150	.00883	50.041	47.996
#3	S10.455	.00086	.00936	49.776	47.664

Method: KICAP Sample Name: CCVH2 Operator: CT
Run Time: 07/24/09 11:40:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.0249	.00476	.00064	.00006	50.43	.00023
SDev	.00085	.0142	.00050	.00054	.00001	.34	.00011
%RSD	676.33	57.07	10.565	84.134	21.607	.6796	46.018
#1	.00076	.0413	.00486	.00125	.00006	50.77	.00026
#2	-.00084	.0159	.00421	.00040	.00004	50.42	.00011
#3	.00046	.0176	.00520	.00026	.00007	50.09	.00032
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00100	5.2331	.00158	10.449	.0456	.0165	.00101
SDev	.00028	.0076	.00124	.030	.0304	.0050	.00092
%RSD	28.265	.14608	78.184	.28340	66.63	30.62	91.221
#1	.00094	5.2297	.00301	10.469	.0529	.0220	.00206
#2	.00076	5.2277	.00094	10.463	.0123	.0120	.00060
#3	.00131	5.2419	.00080	10.415	.0718	.0155	.00037
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	50.33	.00027	.00520	.00054	.00165	.00001
SDev	.00069	.12	.00068	.00055	.00038	.00049	.00076
%RSD	151.02	.2445	251.04	10.559	69.322	29.887	8912.4
#1	.00107	50.45	.00067	.00559	.00098	.00222	.00038
#2	-.00029	50.21	-.00052	.00457	.00037	.00134	-.00086
#3	.00060	50.31	.00067	.00543	.00029	.00139	.00051
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00347	-.00162	.00467	10.415	-.00089	.08301	10.328
SDev	.00252	.00157	.00104	.246	.00193	.03924	.142
%RSD	72.598	97.334	22.360	2.3575	215.73	47.272	1.3748
#1	.00635	.00020	.00421	10.690	.00105	.12680	10.485
#2	.00238	-.00246	.00393	10.334	-.00093	.07118	10.289
#3	.00168	-.00259	.00586	10.220	-.00280	.05104	10.210
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.549	-.00036	-.00116	.09489	.07707
SDev	.239	.00395	.00179	.04962	.03355
%RSD	2.2686	1084.4	154.26	52.293	43.534
#1	10.822	.00146	.00085	.15063	.11415
#2	10.450	.00235	-.00257	.07851	.06827
#3	10.376	-.00490	-.00176	.05553	.04880
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV2 Operator: CT
Run Time: 07/24/09 11:44:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25148	4.974	.50986	.50699	.50196	10.09	.51250
SDev	.00052	.012	.00334	.00104	.00150	.02	.00138
%RSD	.20569	.2501	.65566	.20555	.29876	.1561	.26871
#1	.25089	4.960	.50601	.50586	.50054	10.09	.51110
#2	.25173	4.983	.51160	.50791	.50353	10.11	.51385
#3	.25184	4.978	.51198	.50720	.50181	10.08	.51257
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51451	.51178	.50537	1.0148	11.03	10.24	.49869
SDev	.00163	.00117	.00080	.0025	.02	.03	.00139
%RSD	.31725	.22769	.15917	.24475	.1727	.3274	.27786
#1	.51275	.51165	.50452	1.0156	11.01	10.20	.49729
#2	.51596	.51300	.50612	1.0168	11.03	10.27	.50006
#3	.51482	.51069	.50546	1.0120	11.04	10.24	.49872
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51003	10.07	.51073	.50907	.49787	.48520	.50782
SDev	.00247	.00	.00122	.00133	.00110	.00127	.00163
%RSD	.48344	.0103	.23883	.26160	.22109	.26262	.32138
#1	.50720	10.07	.50952	.50768	.49669	.48387	.50616
#2	.51170	10.07	.51196	.51033	.49887	.48640	.50942
#3	.51118	10.07	.51071	.50922	.49806	.48532	.50789
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50712	.50686	.51068	.50542	.49694	.51835	.50409
SDev	.00159	.00140	.00382	.00190	.00490	.00186	.00600
%RSD	.31368	.27585	.74904	.37553	.98629	.35800	1.1903
#1	.50534	.50541	.50673	.50654	.49128	.51822	.51085
#2	.50839	.50821	.51437	.50648	.49997	.52027	.50203
#3	.50765	.50695	.51095	.50322	.49956	.51657	.49939
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.50608	.49926	.49578	.51533	.52011	
SDev	.00231	.00469	.00969	.01281	.00627	
%RSD	.45633	.93897	1.9541	2.4863	1.2058	
#1	.50439	.50466	.48461	.50058	.52702	
#2	.50871	.49625	.50182	.52375	.51853	
#3	.50514	.49686	.50091	.52165	.51478	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB2 Operator: CT
Run Time: 07/24/09 11:48:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.0221	.00547	.00057	.00024	.0088	.00076
SDev	.00071	.0006	.00073	.00011	.00015	.0045	.00014
%RSD	1534.1	2.577	13.329	19.095	63.139	51.38	17.977
#1	-.00086	.0221	.00631	.00068	.00041	.0138	.00092
#2	.00029	.0215	.00515	.00047	.00018	.0072	.00067
#3	.00043	.0227	.00495	.00054	.00013	.0052	.00069

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00291	.00243	.00064	.00335	.1407	.0187	.00036
SDev	.00020	.00017	.00023	.00059	.0135	.0018	.00019
%RSD	6.8309	7.1095	36.074	17.680	9.621	9.638	54.691
#1	.00278	.00248	.00080	.00402	.1291	.0207	.00057
#2	.00281	.00224	.00038	.00290	.1374	.0181	.00029
#3	.00314	.00257	.00075	.00313	.1556	.0172	.00020

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00178	.0109	-.00029	.00666	.00026	.00117	-.00008
SDev	.00136	.0019	.00037	.00096	.00016	.00016	.00048
%RSD	76.141	17.75	126.54	14.480	64.159	13.854	569.15
#1	.00333	.0131	-.00066	.00576	.00045	.00136	-.00064
#2	.00122	.0098	-.00029	.00653	.00017	.00108	.00024
#3	.00080	.0098	.00008	.00767	.00015	.00108	.00014

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	.00100	.01161	.00206	-.00034	.01095	.00399
SDev	.00010	.00066	.00178	.00043	.00078	.00176	.00318
%RSD	14.400	66.017	15.297	21.081	229.84	16.054	79.845
#1	.00082	.00145	.01345	.00216	-.00109	.01279	.00742
#2	.00068	.00024	.00991	.00243	.00047	.00929	.00112
#3	.00063	.00131	.01147	.00158	-.00040	.01076	.00342

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00109	-.00014	-.00044	.00658	.01338
SDev	.00181	.00124	.00174	.00239	.00417
%RSD	165.97	917.01	392.61	36.358	31.179
#1	-.00047	.00129	-.00229	.00453	.01766
#2	.00308	-.00094	.00117	.00921	.00933
#3	.00066	-.00076	-.00021	.00600	.01314

Method: KICAP Sample Name: 0907072-010A Operator: CT
Run Time: 07/24/09 11:51:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00750	98.98	.09335	2.4486	.00605	301.9	.01401
SDev	.00081	.72	.00042	.0118	.00003	1.4	.00009
%RSD	10.856	.7236	.44709	.48004	.45056	.4546	.65712
#1	.00786	99.79	.09380	2.4585	.00608	303.1	.01410
#2	.00808	98.42	.09298	2.4356	.00603	300.4	.01392
#3	.00657	98.73	.09325	2.4516	.00605	302.1	.01400

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08688	.42503	1.6369	259.14	18.98	67.46	6.4266
SDev	.00039	.00231	.0090	1.28	.08	.32	.0289
%RSD	.45265	.54447	.54795	.49283	.4212	.4711	.44999
#1	.08733	.42727	1.6448	260.38	19.07	67.79	6.4535
#2	.08659	.42265	1.6272	257.83	18.94	67.16	6.3960
#3	.08672	.42518	1.6387	259.21	18.92	67.43	6.4302

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21329	2.428	.28013	.20626	.70421	1.6849	.24082
SDev	.00136	.009	.00106	.00122	.00321	.0072	.00098
%RSD	.63779	.3568	.37809	.59203	.45544	.43006	.40761
#1	.21370	2.438	.28130	.20761	.70717	1.6914	.24193
#2	.21177	2.421	.27925	.20593	.70081	1.6771	.24005
#3	.21440	2.425	.27983	.20524	.70466	1.6863	.24049

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9510	.29313	-.01616	6.8398	.01188	.12409	6.8309
SDev	.0234	.00203	.00178	.0398	.00134	.00153	.0486
%RSD	.47318	.69269	11.032	.58199	11.309	1.2351	.71105
#1	4.9729	.29490	-.01430	6.8033	.01035	.12401	6.8764
#2	4.9263	.29092	-.01786	6.8822	.01285	.12566	6.8365
#3	4.9539	.29357	-.01630	6.8339	.01244	.12259	6.7797

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	6.8442	.00957	.01303	.12223	.12426
SDev	.0706	.00533	.00460	.00855	.00405
%RSD	1.0317	55.714	35.263	6.9941	3.2609
#1	6.7668	.01487	.00809	.11288	.12882
#2	6.9050	.00421	.01717	.12964	.12292
#3	6.8609	.00963	.01384	.12417	.12106

Method: KICAP Sample Name: 0907072-011A Operator: CT
Run Time: 07/24/09 11:55:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01449	78.35	.12467	3.9539	.00404	351.9	.01385
SDev	.00050	.45	.00025	.0345	.00004	2.4	.00004
%RSD	3.4809	.5782	.19941	.87294	1.0740	.6815	.29988
#1	.01501	78.36	.12471	3.9478	.00406	351.6	.01390
#2	.01445	77.88	.12441	3.9229	.00399	349.7	.01382
#3	.01401	78.79	.12491	3.9911	.00407	354.5	.01384

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09110	.51288	2.9645	236.19	15.52	58.98	7.0294
SDev	.00020	.00268	.0254	1.62	.06	.30	.0480
%RSD	.22310	.52222	.85559	.68423	.4181	.5058	.68307
#1	.09121	.51255	2.9618	235.94	15.59	58.96	7.0210
#2	.09087	.51037	2.9406	234.71	15.49	58.70	6.9861
#3	.09123	.51570	2.9911	237.91	15.47	59.29	7.0810

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14034	2.623	.33390	.29050	.79122	1.4592	.28974
SDev	.00086	.008	.00206	.00212	.00639	.0094	.00209
%RSD	.61014	.3236	.61799	.72801	.80784	.64202	.72240
#1	.14076	2.630	.33395	.29221	.79030	1.4563	.28955
#2	.13935	2.614	.33181	.28814	.78533	1.4516	.28775
#3	.14090	2.627	.33594	.29116	.79802	1.4696	.29192

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.4761	.63138	-.02023	9.5192	.01471	.23966	9.0536
SDev	.0373	.00354	.00061	.0390	.00115	.00272	.0172
%RSD	.68046	.56061	3.0407	.40957	7.8190	1.1351	.18945
#1	5.4695	.63173	-.01998	9.5253	.01352	.23847	9.0716
#2	5.4425	.62768	-.02093	9.4775	.01478	.24278	9.0519
#3	5.5161	.63474	-.01977	9.5548	.01582	.23775	9.0374

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	9.1056	.01525	.01444	.23289	.24305
SDev	.0921	.00087	.00199	.00615	.00216
%RSD	1.0111	5.7128	13.804	2.6393	.88882
#1	9.0023	.01535	.01261	.22596	.24471
#2	9.1792	.01607	.01414	.23769	.24382
#3	9.1351	.01433	.01656	.23502	.24061

Method: KICAP Sample Name: 0907072-012A Operator: CT
Run Time: 07/24/09 11:59:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00254	69.32	.10225	5.4158	.00374	694.5	.01225
SDev	.00041	.56	.00127	.0424	.00004	6.0	.00012
%RSD	16.190	.8074	1.2426	.78297	1.1513	.8703	1.0054
#1	.00207	68.94	.10113	5.3904	.00372	690.4	.01215
#2	.00286	69.06	.10201	5.3921	.00372	691.6	.01221
#3	.00267	69.96	.10363	5.4647	.00379	701.4	.01239

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06245	.55516	.50706	164.43	19.92	150.9	4.0756
SDev	.00079	.00521	.00439	1.55	.12	1.4	.0355
%RSD	1.2695	.93895	.86475	.93999	.5876	.9447	.87004
#1	.06172	.55098	.50411	163.31	19.87	149.9	4.0507
#2	.06236	.55351	.50498	163.79	19.84	150.3	4.0598
#3	.06329	.56100	.51210	166.19	20.06	152.5	4.1162

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01592	4.117	.19906	.06502	1.9767	1.3041	.17813
SDev	.00037	.023	.00258	.00034	.0159	.0101	.00142
%RSD	2.3008	.5521	1.2934	.52783	.80305	.77503	.79742
#1	.01550	4.109	.19753	.06475	1.9663	1.2976	.17697
#2	.01611	4.099	.19761	.06541	1.9688	1.2990	.17771
#3	.01615	4.142	.20203	.06491	1.9950	1.3158	.17972

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.4958	.21300	-.01330	15.736	.07239	.04899	14.825
SDev	.0523	.00259	.00136	.124	.00219	.00150	.042
%RSD	.95171	1.2172	10.214	.78770	3.0320	3.0674	.28167
#1	5.4612	.21092	-.01452	15.658	.07443	.05065	14.827
#2	5.4703	.21218	-.01356	15.672	.07268	.04771	14.783
#3	5.5560	.21590	-.01184	15.879	.07007	.04862	14.866

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	14.793	.07686	.07017	.04019	.05364
SDev	.102	.00040	.00346	.00482	.00155
%RSD	.68952	.52496	4.9361	11.996	2.8912
#1	14.675	.07668	.07331	.04461	.05441
#2	14.856	.07657	.07074	.04091	.05185
#3	14.848	.07732	.06645	.03505	.05465

Method: KICAP Sample Name: 0907072-013A Operator: CT
Run Time: 07/24/09 12:02:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00222	50.12	.06032	1.8379	.01384	65.08	.00510
SDev	.00096	.13	.00048	.0068	.00005	.27	.00013
%RSD	43.261	.2693	.80129	.36964	.35046	.4206	2.4747
#1	.00271	50.10	.06041	1.8355	.01381	65.19	.00525
#2	.00111	50.27	.06075	1.8456	.01389	65.28	.00505
#3	.00282	50.00	.05980	1.8326	.01380	64.77	.00501

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07672	.18070	1.0215	120.72	4.253	5.939	2.5562
SDev	.00048	.00061	.0041	.45	.030	.041	.0089
%RSD	.62148	.33689	.40530	.37313	.7135	.6941	.34971
#1	.07688	.18062	1.0198	120.52	4.288	5.973	2.5531
#2	.07709	.18134	1.0262	121.24	4.237	5.953	2.5663
#3	.07618	.18013	1.0184	120.41	4.234	5.893	2.5492

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03343	1.653	.19908	.07076	1.5927	2.7910	.24921
SDev	.00019	.005	.00050	.00152	.0057	.0103	.00034
%RSD	.56719	.3222	.25227	2.1541	.36065	.36921	.13489
#1	.03354	1.658	.19947	.07061	1.5900	2.7870	.24908
#2	.03354	1.653	.19925	.07236	1.5993	2.8027	.24959
#3	.03322	1.647	.19851	.06932	1.5888	2.7833	.24895

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1434	.13250	-.00309	50.726	.02441	.34121	51.832
SDev	.0082	.00126	.00083	.145	.00169	.00318	.294
%RSD	.38055	.95182	26.978	.28655	6.9420	.93354	.56738
#1	2.1410	.13324	-.00405	50.660	.02277	.34489	52.167
#2	2.1525	.13322	-.00255	50.893	.02616	.33946	51.619
#3	2.1368	.13105	-.00268	50.627	.02430	.33929	51.708

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	52.442	.02256	.02533	.34371	.33997
SDev	.215	.00652	.00428	.00895	.00647
%RSD	.41037	28.904	16.884	2.6054	1.9034
#1	52.637	.02714	.02059	.34174	.34571
#2	52.211	.02545	.02651	.33590	.34123
#3	52.477	.01509	.02890	.35348	.33296

Method: KICAP Sample Name: 0907072-014A Operator: CT
Run Time: 07/24/09 12:06:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	24.07	.04811	.39128	.00329	30.28	.00168
SDev	.00126	.10	.00058	.00219	.00001	.13	.00009
%RSD	154.46	.4305	1.1997	.56025	.24337	.4354	5.1879
#1	-.00003	24.14	.04747	.39322	.00329	30.37	.00158
#2	.00021	24.12	.04829	.39173	.00330	30.34	.00173
#3	.00227	23.95	.04858	.38890	.00329	30.13	.00173

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03421	.08290	.46674	192.36	2.176	3.537	2.1852
SDev	.00027	.00025	.00259	.77	.031	.010	.0086
%RSD	.79259	.30429	.55552	.39855	1.420	.2786	.39279
#1	.03392	.08261	.46885	192.81	2.140	3.539	2.1912
#2	.03446	.08310	.46753	192.78	2.192	3.545	2.1892
#3	.03423	.08299	.46385	191.47	2.195	3.526	2.1754

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02459	3.349	.08932	.04131	.28987	1.7601	.10655
SDev	.00023	.006	.00036	.00163	.00157	.0072	.00022
%RSD	.95448	.1787	.40761	3.9550	.54262	.41002	.20257
#1	.02482	3.348	.08907	.03970	.29126	1.7658	.10632
#2	.02435	3.355	.08974	.04296	.29017	1.7626	.10674
#3	.02459	3.343	.08915	.04126	.28816	1.7520	.10660

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96327	.06376	-.01198	12.767	.01110	.14722	12.761
SDev	.00457	.00083	.00077	.060	.00041	.00143	.015
%RSD	.47438	1.3075	6.3872	.46884	3.6547	.96930	.11654
#1	.96639	.06349	-.01113	12.808	.01151	.14801	12.761
#2	.96540	.06309	-.01261	12.794	.01110	.14557	12.776
#3	.95802	.06469	-.01221	12.698	.01070	.14807	12.746

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	12.883	.00956	.01187	.14659	.14778
SDev	.056	.00729	.00303	.00876	.00419
%RSD	.43787	76.297	25.551	5.9781	2.8363
#1	12.832	.01690	.00882	.13888	.15257
#2	12.944	.00947	.01192	.14476	.14597
#3	12.874	.00231	.01488	.15612	.14479

Method: KICAP Sample Name: 0907072-015A Operator: CT
Run Time: 07/24/09 12:10:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00997	43.29	.08881	1.2205	.00533	55.14	.01010
SDev	.00071	.09	.00026	.0025	.00002	.08	.00005
%RSD	7.1094	.2035	.28691	.20302	.33586	.1406	.49808
#1	.01018	43.27	.08874	1.2201	.00535	55.14	.01015
#2	.01054	43.22	.08909	1.2184	.00533	55.06	.01005
#3	.00918	43.39	.08859	1.2232	.00532	55.21	.01009

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06015	.10971	1.1472	214.66	3.612	9.023	16.672
SDev	.00026	.00024	.0008	.23	.010	.009	.020
%RSD	.43655	.22024	.06644	.10758	.2644	.1043	.12024
#1	.06045	.10989	1.1466	214.75	3.615	9.028	16.674
#2	.05995	.10944	1.1469	214.40	3.602	9.012	16.651
#3	.06006	.10981	1.1480	214.83	3.620	9.028	16.691

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00927	1.574	.16890	.27179	.49351	3.5495	.13936
SDev	.00039	.005	.00078	.00063	.00088	.0050	.00054
%RSD	4.2461	.3199	.46309	.23312	.17760	.14144	.38685
#1	.00882	1.572	.16962	.27250	.49356	3.5476	.13993
#2	.00947	1.571	.16807	.27130	.49261	3.5458	.13931
#3	.00952	1.580	.16903	.27155	.49437	3.5552	.13885

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9455	.14451	-.02064	76.456	.00971	1.0063	78.269
SDev	.0059	.00033	.00112	.156	.00182	.0079	.574
%RSD	.14874	.23076	5.4448	.20339	18.789	.78374	.73321
#1	3.9468	.14473	-.01934	76.408	.00919	1.0016	78.147
#2	3.9392	.14413	-.02135	76.330	.00820	1.0154	78.894
#3	3.9507	.14468	-.02121	76.630	.01174	1.0019	77.767

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	79.374	.00869	.01022	1.0168	1.0023
SDev	.356	.00363	.00294	.0017	.0114
%RSD	.44796	41.824	28.777	.16834	1.1324
#1	78.971	.00449	.01154	1.0150	.99568
#2	79.644	.01090	.00685	1.0184	1.0154
#3	79.506	.01066	.01227	1.0170	.99587

Method: KICAP Sample Name: 0907072-016A Operator: CT
Run Time: 07/24/09 12:14:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00265	76.01	.09053	6.3314	.00850	135.4	.01133
SDev	.00029	.36	.00072	.0306	.00004	.6	.00001
%RSD	10.992	.4732	.79592	.48344	.43814	.4508	.11351
#1	.00287	75.73	.09024	6.3325	.00850	135.4	.01131
#2	.00276	75.89	.08999	6.3003	.00847	134.8	.01134
#3	.00232	76.41	.09135	6.3615	.00854	136.0	.01133

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07413	.12470	.77639	281.49	11.42	18.94	3.9218
SDev	.00020	.00051	.00362	1.37	.03	.08	.0174
%RSD	.27323	.41236	.46565	.48813	.2903	.4100	.44449
#1	.07391	.12456	.77639	281.29	11.39	18.92	3.9241
#2	.07416	.12427	.77277	280.23	11.40	18.87	3.9034
#3	.07431	.12527	.78000	282.96	11.45	19.02	3.9381

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02593	1.293	.21675	.03762	.62191	2.5998	.25656
SDev	.00076	.003	.00084	.00152	.00316	.0119	.00093
%RSD	2.9315	.2594	.38647	4.0334	.50764	.45867	.36062
#1	.02632	1.292	.21735	.03703	.62173	2.5998	.25692
#2	.02505	1.290	.21579	.03648	.61884	2.5879	.25551
#3	.02641	1.297	.21712	.03934	.62515	2.6118	.25725

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.1039	.08686	-.02160	41.527	.01339	.36239	41.647
SDev	.0181	.00033	.00048	.222	.00086	.00182	.121
%RSD	.44141	.38026	2.2043	.53439	6.3966	.50159	.28985
#1	4.1030	.08712	-.02213	41.505	.01438	.36030	41.538
#2	4.0863	.08697	-.02122	41.317	.01287	.36363	41.625
#3	4.1225	.08649	-.02145	41.759	.01293	.36324	41.777

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	41.637	.01065	.01476	.36161	.36303
SDev	.328	.00150	.00121	.00553	.00204
%RSD	.78761	14.038	8.2304	1.5284	.56109
#1	41.265	.01126	.01594	.35666	.36137
#2	41.882	.00895	.01483	.36757	.36241
#3	41.764	.01175	.01352	.36059	.36530

Method: KICAP Sample Name: 0907072-017A Operator: CT
Run Time: 07/24/09 12:17:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00353	50.35	.15738	2.5157	.00361	622.4	.01572
SDev	.00054	.20	.00103	.0098	.00001	2.5	.00003
%RSD	15.401	.4039	.65791	.38985	.26696	.3944	.16357
#1	.00411	50.28	.15681	2.5146	.00361	621.7	.01572
#2	.00302	50.20	.15675	2.5064	.00361	620.4	.01570
#3	.00348	50.58	.15857	2.5260	.00363	625.2	.01575

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06331	.21135	.84159	217.41	15.88	150.4	3.7786
SDev	.00032	.00067	.00352	.93	.04	.5	.0149
%RSD	.50811	.31473	.41882	.42944	.2423	.3620	.39566
#1	.06305	.21094	.83993	217.08	15.86	150.2	3.7745
#2	.06320	.21098	.83921	216.69	15.87	150.0	3.7661
#3	.06367	.21211	.84564	218.47	15.93	151.0	3.7951

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04582	5.438	.35355	.08741	1.8454	1.5530	.17710
SDev	.00120	.015	.00097	.00159	.0079	.0056	.00058
%RSD	2.6200	.2703	.27340	1.8202	.43031	.35765	.32721
#1	.04593	5.432	.35340	.08590	1.8436	1.5514	.17724
#2	.04696	5.428	.35267	.08728	1.8386	1.5485	.17647
#3	.04457	5.455	.35458	.08907	1.8541	1.5592	.17760

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.0467	.12207	-.01832	36.213	.00526	.33356	34.729
SDev	.0157	.00032	.00038	.179	.00178	.00170	.119
%RSD	.38681	.26634	2.0834	.49461	33.906	.50951	.34280
#1	4.0429	.12242	-.01872	36.141	.00421	.33165	34.754
#2	4.0334	.12202	-.01830	36.082	.00732	.33413	34.599
#3	4.0640	.12178	-.01796	36.417	.00425	.33491	34.833

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	35.005	.00499	.00539	.33432	.33369
SDev	.329	.00577	.00053	.00677	.00292
%RSD	.94015	115.69	9.7625	2.0244	.87479
#1	34.648	.00064	.00599	.33617	.33165
#2	35.069	.01153	.00521	.32681	.33703
#3	35.297	.00279	.00498	.33996	.33239

Method: KICAP Sample Name: 0907072-018A Operator: CT
Run Time: 07/24/09 12:21:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	33.51	.04666	.70309	.00471	14.39	.00169
SDev	.00040	.32	.00007	.00424	.00003	.14	.00011
%RSD	177.84	.9514	.15318	.60244	.55986	.9623	6.4039
#1	-.00021	33.42	.04674	.70115	.00470	14.50	.00181
#2	.00031	33.86	.04660	.70795	.00474	14.43	.00159
#3	.00058	33.24	.04663	.70016	.00468	14.23	.00167

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03988	.07944	.29044	327.87	5.138	6.462	.47307
SDev	.00030	.00032	.00178	2.04	.028	.039	.00266
%RSD	.75182	.40461	.61205	.62212	.5444	.5996	.56185
#1	.04020	.07971	.29014	327.19	5.167	6.491	.47299
#2	.03986	.07952	.29235	330.17	5.111	6.477	.47576
#3	.03960	.07909	.28883	326.27	5.137	6.418	.47045

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03170	.6004	.12701	.01940	.53758	2.4444	.17958
SDev	.00087	.0018	.00064	.00083	.00329	.0150	.00092
%RSD	2.7388	.3028	.50465	4.2979	.61124	.61173	.51263
#1	.03256	.6024	.12657	.01942	.53625	2.4384	.17901
#2	.03083	.5989	.12775	.02023	.54133	2.4614	.18064
#3	.03172	.5999	.12672	.01856	.53517	2.4333	.17909

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66892	.12100	-.01782	1.5712	.01038	.02662	1.5672
SDev	.00418	.00081	.00111	.0075	.00187	.00107	.0085
%RSD	.62553	.66614	6.2495	.47522	18.065	4.0055	.54190
#1	.66800	.12008	-.01664	1.5736	.01127	.02756	1.5768
#2	.67349	.12156	-.01886	1.5772	.01164	.02685	1.5608
#3	.66528	.12137	-.01797	1.5628	.00822	.02546	1.5639

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.5732	.00583	.01265	.02177	.02804
SDev	.0116	.00343	.00324	.00937	.00516
%RSD	.73798	58.797	25.613	43.014	18.402
#1	1.5719	.00948	.01217	.01177	.03394
#2	1.5854	.00269	.01610	.03034	.02435
#3	1.5623	.00531	.00968	.02321	.02584

Method: KICAP Sample Name: MB-9760 Operator: CT
Run Time: 07/24/09 12:35:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	.0491	.00268	.00026	.00004	.0337	.00029
SDev	.00010	.0022	.00032	.00000	.00000	.0007	.00002
%RSD	15.770	4.398	12.033	.00083	6.5679	2.125	5.4577
#1	.00057	.0476	.00251	.00026	.00004	.0337	.00029
#2	.00063	.0482	.00305	.00026	.00005	.0344	.00027
#3	.00077	.0516	.00247	.00026	.00004	.0330	.00030

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00146	.00165	.00077	.01650	.0682	.0254	.00051
SDev	.00015	.00005	.00019	.00009	.0070	.0004	.00002
%RSD	10.099	3.0456	24.713	.51783	10.33	1.695	3.4972
#1	.00131	.00170	.00099	.01642	.0760	.0250	.00052
#2	.00147	.00160	.00066	.01649	.0622	.0254	.00053
#3	.00160	.00165	.00066	.01659	.0665	.0258	.00049

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.0089	.00020	.00550	.00036	.00075	.00041
SDev	.00096	.0006	.00015	.00066	.00001	.00008	.00025
%RSD	6170.9	6.165	77.535	12.012	2.1283	10.850	61.578
#1	.00042	.0095	.00008	.00509	.00037	.00084	.00069
#2	.00070	.0086	.00037	.00627	.00036	.00070	.00034
#3	-.00108	.0085	.00015	.00515	.00035	.00070	.00020

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00391	.00070	.00555	.00342	-.00089	.00093	.00133
SDev	.00012	.00022	.00125	.00030	.00058	.00069	.00126
%RSD	3.1623	32.015	22.451	8.7269	65.532	73.763	94.555
#1	.00381	.00060	.00414	.00337	-.00150	.00102	.00088
#2	.00388	.00054	.00651	.00375	-.00084	.00020	.00275
#3	.00405	.00096	.00601	.00316	-.00033	.00157	.00036

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00447	-.00271	.00001	.00232	-.00001
SDev	.00019	.00126	.00068	.00133	.00084
%RSD	4.3683	46.716	5198.8	57.342	6959.1
#1	.00461	-.00403	-.00024	.00315	-.00004
#2	.00425	-.00151	-.00051	.00079	-.00083
#3	.00456	-.00258	.00079	.00302	.00084

Method: KICAP Sample Name: CCVH3 Operator: CT
Run Time: 07/24/09 12:39:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	.0178	.00509	.00012	.00008	49.67	.00037
SDev	.00032	.0012	.00013	.00000	.00000	.09	.00004
%RSD	120.48	6.551	2.4877	.00099	3.5609	.1841	11.350
#1	-.00009	.0182	.00520	.00012	.00008	49.61	.00042
#2	-.00064	.0187	.00510	.00012	.00008	49.77	.00034
#3	-.00007	.0165	.00495	.00012	.00008	49.61	.00036
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00173	5.2349	-.00024	10.396	.0776	.0161	.00004
SDev	.00013	.0070	.00038	.021	.0066	.0011	.00003
%RSD	7.6628	.13455	158.92	.20185	8.568	6.778	63.205
#1	.00189	5.2402	.00014	10.386	.0852	.0172	.00007
#2	.00164	5.2376	-.00024	10.420	.0727	.0151	.00004
#3	.00168	5.2269	-.00062	10.381	.0750	.0159	.00002
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	50.58	-.00024	.00617	.00017	.00135	-.00050
SDev	.00061	.01	.00056	.00036	.00002	.00006	.00009
%RSD	3124.4	.0151	229.07	5.7810	10.796	4.0627	17.238
#1	-.00001	50.58	.00015	.00595	.00019	.00141	-.00044
#2	.00065	50.57	-.00088	.00597	.00016	.00131	-.00047
#3	-.00057	50.59	.00000	.00658	.00016	.00132	-.00060
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	-.00317	.00542	10.169	-.00159	.00239	10.214
SDev	.00006	.00151	.00086	.015	.00060	.00028	.022
%RSD	11.319	47.662	15.943	.15233	37.697	11.906	.21667
#1	.00057	-.00398	.00464	10.157	-.00123	.00254	10.210
#2	.00048	-.00410	.00635	10.187	-.00229	.00258	10.237
#3	.00060	-.00143	.00528	10.164	-.00126	.00206	10.194
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.218	-.00290	-.00094	-.00553	.00635
SDev	.061	.00278	.00173	.00243	.00230
%RSD	.59685	95.864	183.40	43.933	36.167
#1	10.282	-.00034	-.00167	-.00672	.00791
#2	10.212	-.00250	-.00218	-.00714	.00743
#3	10.161	-.00585	.00103	-.00274	.00371
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV3 Operator: CT
Run Time: 07/24/09 12:43:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25048	4.980	.50704	.50485	.49905	10.06	.51076
SDev	.00061	.008	.00358	.00146	.00167	.01	.00138
%RSD	.24559	.1635	.70500	.28934	.33498	.1168	.26976
#1	.25024	4.972	.50310	.50317	.49712	10.05	.50917
#2	.25117	4.988	.50796	.50586	.49990	10.07	.51150
#3	.25001	4.980	.51007	.50551	.50013	10.06	.51160
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51258	.50917	.50228	1.0099	11.09	10.21	.49775
SDev	.00138	.00053	.00111	.0004	.03	.03	.00150
%RSD	.27018	.10354	.22025	.03583	.2799	.2834	.30195
#1	.51105	.50857	.50118	1.0095	11.12	10.18	.49601
#2	.51294	.50938	.50339	1.0102	11.08	10.22	.49858
#3	.51374	.50956	.50226	1.0100	11.06	10.24	.49865
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50752	10.15	.50913	.50687	.49380	.48260	.50573
SDev	.00297	.03	.00161	.00223	.00122	.00155	.00124
%RSD	.58416	.2480	.31532	.43955	.24743	.32125	.24551
#1	.50419	10.18	.50731	.50430	.49243	.48081	.50446
#2	.50851	10.15	.51034	.50824	.49477	.48358	.50694
#3	.50987	10.13	.50975	.50807	.49421	.48340	.50580
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50400	.50370	.50885	.50544	.50240	.49781	.50328
SDev	.00150	.00103	.00371	.00140	.00357	.00140	.00168
%RSD	.29823	.20408	.72921	.27799	.70978	.28154	.33417
#1	.50226	.50255	.50457	.50393	.49833	.49660	.50222
#2	.50490	.50454	.51091	.50671	.50390	.49749	.50241
#3	.50483	.50400	.51107	.50569	.50498	.49935	.50522
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.50652	.50205	.50258	.49895	.49799	
SDev	.00210	.00225	.00546	.00316	.00160	
%RSD	.41497	.44787	1.0873	.63267	.32175	
#1	.50478	.50167	.49667	.49548	.49866	
#2	.50886	.50447	.50362	.50165	.49617	
#3	.50592	.50002	.50745	.49972	.49916	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB3 Operator: CT
Run Time: 07/24/09 12:47:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.0200	.00471	.00050	.00019	.0043	.00066
SDev	.00049	.0032	.00066	.00008	.00010	.0029	.00008
%RSD	94.203	16.23	13.929	16.496	52.902	67.07	12.739
#1	.00043	.0181	.00520	.00054	.00030	.0075	.00073
#2	.00008	.0182	.00396	.00040	.00014	.0029	.00057
#3	.00106	.0238	.00497	.00054	.00012	.0023	.00068

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00261	.00228	.00052	.00247	.1353	.0179	.00026
SDev	.00054	.00048	.00070	.00025	.0427	.0026	.00009
%RSD	20.716	21.035	134.43	10.168	31.54	14.73	32.805
#1	.00242	.00205	.00085	.00248	.1084	.0185	.00034
#2	.00219	.00196	-.00028	.00221	.1131	.0151	.00017
#3	.00322	.00283	.00099	.00271	.1846	.0202	.00028

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	.0100	.00005	.00598	.00020	.00111	.00026
SDev	.00132	.0016	.00023	.00069	.00010	.00022	.00051
%RSD	109.47	16.00	432.58	11.536	46.868	19.524	193.08
#1	.00258	.0108	.00000	.00522	.00031	.00099	.00011
#2	-.00005	.0081	-.00015	.00656	.00012	.00099	-.00015
#3	.00108	.0109	.00030	.00616	.00018	.00136	.00083

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.00105	.01040	-.00023	-.00037	.00052	-.00116
SDev	.00010	.00041	.00140	.00070	.00114	.00075	.00194
%RSD	17.496	39.213	13.448	306.15	311.28	143.86	167.32
#1	.00065	.00127	.00984	.00055	-.00098	-.00020	.00094
#2	.00046	.00131	.01199	-.00081	.00095	.00130	-.00154
#3	.00060	.00058	.00937	-.00042	-.00107	.00046	-.00287

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00024	-.00225	.00057	.00017	.00070
SDev	.00064	.00197	.00076	.00319	.00143
%RSD	269.87	87.807	132.44	1919.4	204.17
#1	.00035	-.00297	.00001	-.00313	.00127
#2	-.00045	-.00002	.00143	.00038	.00176
#3	.00081	-.00376	.00027	.00324	-.00093

Method: KICAP Sample Name: LCS-9760 Operator: CT
Run Time: 07/24/09 12:51:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04992	1.055	.50574	.20115	.20981	10.20	.20762
SDev	.00071	.003	.00180	.00047	.00055	.02	.00042
%RSD	1.4242	.2698	.35631	.23417	.25989	.1808	.20254
#1	.04937	1.058	.50382	.20103	.20971	10.19	.20756
#2	.05072	1.056	.50739	.20167	.21039	10.22	.20807
#3	.04967	1.052	.50602	.20075	.20932	10.18	.20724

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21035	.21103	.20921	1.0640	10.94	10.45	.20614
SDev	.00036	.00041	.00094	.0022	.07	.02	.00043
%RSD	.17134	.19238	.44946	.20816	.6214	.1568	.20894
#1	.21066	.21123	.20841	1.0638	11.01	10.46	.20610
#2	.21044	.21131	.21025	1.0663	10.88	10.46	.20659
#3	.20995	.21057	.20897	1.0619	10.92	10.43	.20574

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20414	10.11	.21152	.21421	.20301	.21424	.20896
SDev	.00124	.05	.00037	.00152	.00053	.00039	.00066
%RSD	.60956	.4959	.17573	.70854	.25924	.18377	.31582
#1	.20306	10.17	.21147	.21476	.20269	.21404	.20869
#2	.20550	10.08	.21191	.21538	.20362	.21470	.20971
#3	.20385	10.09	.21117	.21250	.20273	.21399	.20847

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21202	.21131	.21268	.21858	.20273	.21466	.21508
SDev	.00039	.00129	.00225	.00154	.00257	.00120	.00145
%RSD	.18400	.61033	1.0554	.70393	1.2669	.55737	.67430
#1	.21210	.21222	.21401	.21688	.20036	.21332	.21349
#2	.21236	.21187	.21009	.21987	.20546	.21563	.21542
#3	.21160	.20983	.21395	.21900	.20238	.21502	.21634

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.22033	.19812	.20503	.21499	.21400
SDev	.00176	.00425	.00188	.00312	.00096
%RSD	.79985	2.1455	.91732	1.4509	.44679
#1	.21857	.19357	.20375	.21229	.21310
#2	.22210	.20199	.20719	.21840	.21500
#3	.22033	.19881	.20416	.21429	.21390

Method: KICAP Sample Name: 0907072-019A Operator: CT
Run Time: 07/24/09 12:55:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08672	27.66	.07864	1.6831	.00234	110.2	.01609
SDev	.00058	.13	.00052	.0143	.00000	.6	.00016
%RSD	.66385	.4595	.65954	.85038	.16159	.5424	.99150
#1	.08736	27.79	.07804	1.6988	.00234	110.8	.01591
#2	.08624	27.65	.07891	1.6708	.00234	109.6	.01612
#3	.08656	27.53	.07897	1.6797	.00234	110.3	.01623

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03843	.12636	2.7764	184.83	5.098	18.55	2.0692
SDev	.00100	.00062	.0211	.99	.115	.07	.0123
%RSD	2.5961	.49417	.76093	.53730	2.257	.3596	.59354
#1	.03729	.12568	2.7993	185.68	4.965	18.56	2.0805
#2	.03882	.12648	2.7576	183.74	5.161	18.48	2.0561
#3	.03917	.12691	2.7725	185.07	5.168	18.61	2.0710

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02095	.7873	.19714	4.0240	.51406	1.0342	.09129
SDev	.00080	.0056	.00082	.0213	.00401	.0065	.00065
%RSD	3.8295	.7181	.41700	.52979	.78090	.63243	.71601
#1	.02149	.7808	.19776	4.0358	.51839	1.0408	.09183
#2	.02135	.7902	.19621	3.9994	.51047	1.0277	.09056
#3	.02003	.7910	.19747	4.0369	.51333	1.0340	.09148

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8757	.79153	.00373	785.52	.01412	131.21	S11.881
SDev	.0112	.00631	.00187	3.05	.00156	.55	.010
%RSD	.59830	.79696	50.103	.38880	11.082	.41851	.08813
#1	1.8866	.79798	.00163	788.54	.01476	131.41	S11.890
#2	1.8642	.78538	.00437	782.43	.01526	130.59	S11.869
#3	1.8762	.79124	.00521	785.60	.01234	131.63	S11.884

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S9.6971	.01964	.01137	133.24	130.20
SDev	.0538	.00466	.00021	1.56	1.56
%RSD	.55448	23.728	1.8129	1.1738	1.2006
#1	S9.6903	.02110	.01160	131.98	131.13
#2	S9.7540	.02339	.01121	134.99	128.39
#3	S9.6471	.01442	.01130	132.76	131.07

Method: KICAP Sample Name: 0907072-019AMS Operator: CT
Run Time: 07/24/09 12:59:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11962	37.20	1.0411	2.7394	.40774	158.1	.40309
SDev	.00054	.32	.0073	.0219	.00330	1.2	.00305
%RSD	.45362	.8522	.70518	.79979	.80899	.7654	.75578
#1	.12025	37.42	1.0433	2.7495	.40978	158.9	.40516
#2	.11927	37.35	1.0472	2.7545	.40950	158.8	.40451
#3	.11935	36.84	1.0329	2.7143	.40393	156.7	.39959

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44590	.54142	2.0973	198.76	36.39	44.25	2.6703
SDev	.00384	.00438	.0178	1.63	.27	.34	.0209
%RSD	.86018	.80922	.84885	.82160	.7512	.7756	.78143
#1	.44885	.54458	2.1059	199.76	36.57	44.50	2.6833
#2	.44730	.54327	2.1092	199.63	36.52	44.39	2.6814
#3	.44157	.53642	2.0769	196.87	36.08	43.86	2.6462

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38904	22.62	.60453	1.4469	.96129	1.8146	.50858
SDev	.00273	.21	.00469	.0116	.00780	.0140	.00373
%RSD	.70088	.9276	.77621	.80352	.81151	.77420	.73420
#1	.39132	22.85	.60771	1.4555	.96529	1.8218	.51087
#2	.38977	22.58	.60675	1.4516	.96629	1.8236	.51061
#3	.38602	22.43	.59914	1.4337	.95230	1.7984	.50427

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3548	.87944	.36676	460.65	.39705	26.412	S12.709
SDev	.0198	.01111	.00117	3.96	.00126	.126	.003
%RSD	.84234	1.2638	.31833	.86016	.31828	.47722	.02276
#1	2.3675	.88865	.36809	462.65	.39560	26.292	S12.712
#2	2.3649	.88256	.36629	463.22	.39760	26.543	S12.706
#3	2.3319	.86709	.36591	456.09	.39794	26.401	S12.710

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S12.137	.39397	.39858	26.796	26.220
SDev	.017	.00645	.00300	.268	.101
%RSD	.14268	1.6385	.75260	.99970	.38486
#1	S12.138	.39007	.39836	26.487	26.194
#2	S12.119	.40142	.39570	26.966	26.331
#3	S12.154	.39043	.40169	26.934	26.134

Method: KICAP Sample Name: 0907072-019AMSD Operator: CT
Run Time: 07/24/09 13:03:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12634	37.54	1.0489	2.9005	.41090	162.2	.40661
SDev	.00077	.24	.0051	.0170	.00221	.8	.00179
%RSD	.61126	.6485	.48958	.58777	.53759	.4872	.44047
#1	.12714	37.71	1.0541	2.9168	.41309	163.0	.40845
#2	.12629	37.63	1.0486	2.9017	.41093	162.1	.40650
#3	.12560	37.26	1.0439	2.8828	.40867	161.4	.40488

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45196	.54578	2.2100	218.70	36.66	44.77	2.7628
SDev	.00206	.00250	.0143	1.15	.14	.19	.0142
%RSD	.45492	.45895	.64833	.52786	.3761	.4237	.51235
#1	.45407	.54834	2.2240	219.84	36.78	44.96	2.7772
#2	.45185	.54566	2.2107	218.74	36.69	44.76	2.7624
#3	.44996	.54333	2.1953	217.53	36.51	44.58	2.7489

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38064	22.82	.61086	1.9017	1.0052	1.8808	.51152
SDev	.00141	.02	.00416	.0066	.0060	.0088	.00298
%RSD	.37115	.0905	.68100	.34900	.59844	.46880	.58176
#1	.38222	22.84	.61472	1.9075	1.0110	1.8895	.51444
#2	.37949	22.80	.61140	1.9032	1.0055	1.8812	.51163
#3	.38020	22.80	.60646	1.8945	.99900	1.8718	.50850

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3966	1.0605	.37127	567.76	.40206	37.333	S12.433
SDev	.0126	.0072	.00057	3.56	.00244	.219	.003
%RSD	.52709	.67932	.15483	.62783	.60617	.58661	.02028
#1	2.4092	1.0675	.37087	571.03	.40192	37.323	S12.431
#2	2.3966	1.0609	.37193	568.29	.40456	37.557	S12.434
#3	2.3839	1.0531	.37102	563.96	.39969	37.119	S12.436

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S11.387	.39539	.40539	38.166	36.916
SDev	.029	.00562	.00099	.347	.269
%RSD	.25888	1.4219	.24348	.90946	.72895
#1	S11.365	.39406	.40585	37.829	37.068
#2	S11.376	.40156	.40606	38.522	37.075
#3	S11.421	.39056	.40426	38.146	36.606

Method: KICAP Sample Name: 0907072-020A Operator: CT
Run Time: 07/24/09 13:06:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	78.85	.05855	1.9856	.00501	259.5	.00693
SDev	.00026	.36	.00146	.0064	.00007	.8	.00013
%RSD	30.263	.4571	2.4888	.32262	1.3404	.2986	1.9273
#1	.00060	78.68	.06014	1.9838	.00508	259.3	.00707
#2	.00086	78.61	.05823	1.9802	.00497	258.9	.00692
#3	.00111	79.27	.05728	1.9927	.00496	260.4	.00680

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07410	.20739	.78296	169.62	16.37	59.52	4.6659
SDev	.00012	.00049	.00286	.47	.02	.14	.0127
%RSD	.16536	.23575	.36482	.27704	.1520	.2348	.27199
#1	.07420	.20745	.78229	169.52	16.36	59.48	4.6627
#2	.07396	.20688	.78049	169.21	16.36	59.40	4.6551
#3	.07414	.20785	.78609	170.13	16.40	59.67	4.6798

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01285	1.070	.23693	.08743	.56181	1.5065	.19518
SDev	.00029	.004	.00068	.00049	.00189	.0047	.00058
%RSD	2.2814	.3565	.28867	.56558	.33718	.31328	.29622
#1	.01308	1.074	.23725	.08758	.56128	1.5054	.19502
#2	.01252	1.067	.23614	.08687	.56024	1.5025	.19470
#3	.01294	1.068	.23739	.08782	.56392	1.5118	.19583

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8219	.09647	-.00572	4.9880	.00680	.10111	4.9122
SDev	.0083	.00108	.00091	.0903	.00178	.02387	.1019
%RSD	.29550	1.1192	15.898	1.8114	26.185	23.611	2.0742
#1	2.8196	.09696	-.00467	5.0807	.00498	.12723	5.0213
#2	2.8150	.09523	-.00619	4.9831	.00689	.09570	4.8955
#3	2.8312	.09721	-.00629	4.9002	.00854	.08041	4.8196

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.0259	.00533	.00754	.11159	.09538
SDev	.0850	.00148	.00294	.02627	.02235
%RSD	1.6903	27.846	38.959	23.541	23.437
#1	5.1104	.00492	.00501	.14048	.11987
#2	5.0268	.00697	.00686	.10516	.09023
#3	4.9405	.00409	.01076	.08913	.07606

Method: KICAP Sample Name: 0907072-021A Operator: CT
Run Time: 07/24/09 13:10:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00854	57.60	.11602	4.3153	.00530	361.6	.03500
SDev	.00087	.35	.00097	.0265	.00005	2.2	.00026
%RSD	10.218	.6034	.83848	.61315	.89358	.5981	.72777
#1	.00827	57.25	.11490	4.2890	.00525	359.2	.03471
#2	.00783	57.95	.11662	4.3420	.00532	363.4	.03513
#3	.00951	57.59	.11655	4.3150	.00533	362.3	.03517

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06517	.33568	2.4153	142.18	10.82	75.84	8.5150
SDev	.00074	.00211	.0159	.90	.10	.47	.0497
%RSD	1.1405	.62815	.65742	.63171	.8858	.6136	.58378
#1	.06442	.33325	2.3994	141.17	10.72	75.30	8.4599
#2	.06519	.33677	2.4312	142.89	10.82	76.14	8.5565
#3	.06590	.33702	2.4152	142.47	10.91	76.08	8.5287

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01568	2.639	.28525	1.2016	1.0349	2.4670	.17323
SDev	.00054	.015	.00233	.0090	.0063	.0155	.00150
%RSD	3.4674	.5685	.81604	.74578	.61328	.62759	.86553
#1	.01518	2.622	.28257	1.1917	1.0283	2.4503	.17150
#2	.01626	2.645	.28678	1.2040	1.0410	2.4809	.17401
#3	.01561	2.650	.28641	1.2091	1.0354	2.4697	.17418

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.446	.27373	-.00833	177.65	.01219	2.0425	S13.424
SDev	.067	.00245	.00139	1.21	.00158	.0194	.007
%RSD	.43650	.89469	16.694	.68377	12.965	.94986	.05049
#1	15.370	.27123	-.00839	176.32	.01306	2.0201	S13.431
#2	15.499	.27612	-.00969	178.70	.01314	2.0547	S13.424
#3	15.467	.27384	-.00691	177.92	.01037	2.0527	S13.418

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S14.200	.01550	.01054	2.0573	2.0346
SDev	.009	.00475	.00086	.0355	.0130
%RSD	.06293	30.650	8.1893	1.7259	.63996
#1	S14.211	.01967	.00977	2.0177	2.0213
#2	S14.194	.01649	.01147	2.0679	2.0473
#3	S14.197	.01033	.01039	2.0864	2.0351

Method: KICAP Sample Name: 0907072-022A Operator: CT
Run Time: 07/24/09 13:14:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00208	30.73	.03100	1.3347	.00440	352.0	.00600
SDev	.00086	.14	.00022	.0063	.00002	1.6	.00003
%RSD	41.546	.4419	.72120	.47494	.38792	.4426	.47239
#1	.00287	30.66	.03120	1.3316	.00438	351.2	.00603
#2	.00221	30.64	.03105	1.3304	.00439	351.0	.00597
#3	.00116	30.89	.03076	1.3420	.00442	353.8	.00598

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04293	.09415	.66640	113.53	6.500	12.94	3.0070
SDev	.00001	.00027	.00392	.52	.026	.05	.0136
%RSD	.03115	.28481	.58781	.45594	.3945	.3911	.45091
#1	.04292	.09400	.66602	113.24	6.470	12.93	3.0004
#2	.04293	.09400	.66268	113.22	6.513	12.91	2.9979
#3	.04294	.09446	.67049	114.13	6.517	13.00	3.0226

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00864	.8992	.11326	.05482	.55407	2.4170	.12473
SDev	.00085	.0023	.00064	.00148	.00281	.0087	.00029
%RSD	9.8521	.2530	.56839	2.6916	.50617	.35873	.23220
#1	.00830	.8967	.11272	.05606	.55260	2.4127	.12480
#2	.00961	.8998	.11309	.05521	.55230	2.4113	.12441
#3	.00802	.9012	.11398	.05319	.55731	2.4270	.12497

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5130	.07009	-.00302	41.117	.00651	.97262	41.566
SDev	.0111	.00085	.00108	.204	.00067	.00417	.148
%RSD	.44149	1.2096	35.660	.49530	10.356	.42902	.35501
#1	2.5095	.07104	-.00422	41.057	.00716	.97615	41.633
#2	2.5040	.06942	-.00269	40.950	.00657	.96802	41.397
#3	2.5254	.06980	-.00214	41.344	.00581	.97370	41.669

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	41.757	.00803	.00575	.98273	.96807
SDev	.011	.00272	.00197	.00359	.00511
%RSD	.02704	33.923	34.253	.36524	.52817
#1	41.766	.00871	.00638	.98632	.97107
#2	41.762	.00503	.00734	.98272	.96217
#3	41.744	.01035	.00355	.97914	.97098

Method: KICAP Sample Name: 0907072-023A Operator: CT
Run Time: 07/24/09 13:18:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00774	99.87	.21337	1.7651	.01237	92.93	.00455
SDev	.00060	.41	.00174	.0111	.00006	.41	.00007
%RSD	7.8017	.4112	.81561	.63065	.49307	.4435	1.4840
#1	.00841	99.40	.21146	1.7530	.01230	92.47	.00463
#2	.00723	100.2	.21378	1.7673	.01240	93.05	.00450
#3	.00759	100.0	.21487	1.7750	.01241	93.27	.00453

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06626	.14363	1.2816	261.52	8.177	9.010	6.7751
SDev	.00020	.00050	.0074	1.40	.024	.032	.0344
%RSD	.29822	.34761	.57723	.53636	.2911	.3521	.50776
#1	.06628	.14311	1.2736	259.94	8.193	8.974	6.7368
#2	.06644	.14410	1.2831	261.96	8.189	9.022	6.7850
#3	.06605	.14367	1.2882	262.64	8.150	9.033	6.8034

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01637	4.808	.21813	.20812	1.3020	3.4135	.19144
SDev	.00106	.005	.00067	.00086	.0071	.0182	.00049
%RSD	6.4809	.0941	.30590	.41561	.54590	.53355	.25690
#1	.01707	4.803	.21752	.20901	1.2942	3.3933	.19087
#2	.01689	4.811	.21803	.20729	1.3038	3.4182	.19168
#3	.01515	4.810	.21884	.20807	1.3081	3.4288	.19176

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4131	.11477	-.01162	81.672	.00964	.76876	S13.570
SDev	.0124	.00080	.00363	.457	.00100	.00324	.002
%RSD	.51533	.69761	31.236	.55990	10.319	.42131	.01523
#1	2.3993	.11385	-.00896	81.160	.00905	.76782	S13.571
#2	2.4166	.11518	-.01014	81.816	.01079	.76609	S13.572
#3	2.4234	.11529	-.01575	82.040	.00909	.77236	S13.568

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	83.845	.00992	.00950	.77015	.76781
SDev	.587	.00231	.00238	.01002	.00139
%RSD	.69963	23.291	25.065	1.3017	.18151
#1	83.800	.01258	.00728	.76940	.76629
#2	83.282	.00833	.01202	.76052	.76811
#3	84.453	.00886	.00921	.78053	.76903

Method: KICAP Sample Name: 0907072-024A Operator: CT
Run Time: 07/24/09 13:22:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	27.37	.05881	.97138	.00486	18.19	.00276
SDev	.00087	.08	.00110	.00318	.00002	.07	.00006
%RSD	122.77	.2995	1.8648	.32783	.37940	.3989	2.0577
#1	.00165	27.46	.06001	.97147	.00487	18.25	.00282
#2	-.00006	27.30	.05786	.96815	.00484	18.11	.00271
#3	.00054	27.35	.05856	.97451	.00487	18.20	.00274

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04813	.05886	.49352	222.33	3.456	3.512	1.1444
SDev	.00050	.00073	.00198	.79	.034	.016	.0042
%RSD	1.0436	1.2347	.40135	.35634	.9736	.4457	.36607
#1	.04868	.05956	.49410	222.68	3.491	3.525	1.1468
#2	.04770	.05811	.49131	221.43	3.423	3.495	1.1396
#3	.04801	.05891	.49515	222.89	3.453	3.517	1.1470

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01852	.7748	.11610	.03456	.39505	2.3952	.13604
SDev	.00076	.0033	.00059	.00167	.00114	.0083	.00110
%RSD	4.0968	.4248	.50983	4.8388	.28996	.34565	.80558
#1	.01933	.7771	.11667	.03649	.39541	2.3973	.13712
#2	.01839	.7710	.11549	.03375	.39377	2.3861	.13493
#3	.01783	.7763	.11615	.03345	.39598	2.4023	.13607

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59498	.11350	-.00189	15.716	.01217	.21262	15.746
SDev	.00241	.00156	.00233	.067	.00097	.00148	.048
%RSD	.40489	1.3723	123.54	.42545	7.9697	.69821	.30474
#1	.59573	.11474	.00081	15.762	.01191	.21092	15.787
#2	.59228	.11175	-.00326	15.639	.01135	.21326	15.693
#3	.59692	.11402	-.00322	15.746	.01324	.21367	15.757

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	15.810	.00740	.01455	.21579	.21153
SDev	.208	.00067	.00176	.00218	.00044
%RSD	1.3176	9.0492	12.102	1.0098	.21026
#1	15.571	.00789	.01392	.21367	.21105
#2	15.954	.00767	.01319	.21802	.21164
#3	15.905	.00664	.01653	.21568	.21192

Method: KICAP Sample Name: 0907072-025A Operator: CT
Run Time: 07/24/09 13:26:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	61.57	.03740	.48498	.00632	36.68	.00150
SDev	.00078	.14	.00048	.00208	.00003	.15	.00010
%RSD	124.45	.2297	1.2769	.42882	.43077	.4029	6.7213
#1	.00140	61.41	.03770	.48267	.00630	36.53	.00155
#2	-.00016	61.64	.03685	.48557	.00630	36.69	.00139
#3	.00063	61.67	.03765	.48670	.00635	36.82	.00157

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04697	.07331	.51464	238.37	4.127	4.269	.61064
SDev	.00038	.00029	.00263	1.01	.031	.017	.00240
%RSD	.81085	.39520	.51077	.42385	.7576	.4051	.39363
#1	.04718	.07334	.51161	237.29	4.134	4.255	.60817
#2	.04653	.07300	.51600	238.53	4.092	4.263	.61078
#3	.04720	.07358	.51631	239.29	4.154	4.288	.61297

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01831	.8709	.13996	.02675	.52114	3.2721	.14965
SDev	.00125	.0029	.00066	.00151	.00216	.0138	.00061
%RSD	6.8251	.3326	.47333	5.6565	.41414	.42172	.40784
#1	.01769	.8695	.14038	.02590	.51875	3.2567	.14921
#2	.01975	.8689	.13920	.02584	.52172	3.2761	.14939
#3	.01750	.8742	.14030	.02849	.52295	3.2834	.15035

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37008	.05949	-.00785	11.208	.01658	.09195	11.161
SDev	.00166	.00049	.00056	.043	.00124	.00171	.044
%RSD	.44761	.81943	7.1061	.38176	7.4918	1.8612	.39452
#1	.36840	.05998	-.00767	11.164	.01786	.09011	11.134
#2	.37014	.05900	-.00741	11.212	.01650	.09226	11.137
#3	.37171	.05949	-.00848	11.249	.01538	.09349	11.212

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	11.228	.01452	.01760	.08913	.09361
SDev	.150	.00259	.00241	.00477	.00200
%RSD	1.3347	17.803	13.678	5.3497	2.1317
#1	11.055	.01282	.02037	.08789	.09197
#2	11.311	.01749	.01600	.08511	.09583
#3	11.318	.01325	.01644	.09440	.09304

Method: KICAP Sample Name: CCVH4 Operator: CT
Run Time: 07/24/09 13:30:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.0349	.00730	.00057	.00013	49.71	.00070
SDev	.00031	.0105	.00016	.00011	.00001	.27	.00006
%RSD	218.47	30.12	2.1617	19.094	4.6518	.5434	8.6107
#1	-.00037	.0470	.00746	.00068	.00012	49.67	.00067
#2	-.00026	.0300	.00715	.00054	.00013	49.46	.00066
#3	.00021	.0277	.00728	.00047	.00013	49.99	.00077
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00323	5.2889	.00032	10.447	.1817	.0277	.00043
SDev	.00012	.0201	.00017	.062	.0018	.0014	.00009
%RSD	3.7644	.38056	54.114	.59066	.9768	4.991	22.066
#1	.00320	5.2831	.00020	10.483	.1822	.0293	.00053
#2	.00313	5.2723	.00052	10.376	.1798	.0267	.00039
#3	.00336	5.3113	.00025	10.483	.1832	.0271	.00036
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	51.41	.00003	.00896	.00040	.00268	-.00002
SDev	.00050	.08	.00019	.00074	.00010	.00070	.00030
%RSD	213.74	.1632	656.45	8.2800	25.678	26.159	1876.1
#1	-.00067	51.46	.00000	.00816	.00052	.00346	.00005
#2	-.00034	51.31	-.00014	.00963	.00035	.00244	-.00034
#3	.00031	51.45	.00023	.00908	.00033	.00212	.00024
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00274	-.00310	.00991	10.151	-.00072	.00588	10.244
SDev	.00012	.00088	.00059	.039	.00123	.00063	.030
%RSD	4.5079	28.460	5.9861	.38601	170.77	10.662	.29227
#1	.00284	-.00323	.00995	10.128	.00026	.00519	10.229
#2	.00260	-.00390	.00930	10.130	-.00032	.00602	10.225
#3	.00279	-.00215	.01048	10.197	-.00211	.00642	10.279
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.244	-.00210	-.00004	-.00052	.01032
SDev	.066	.00341	.00075	.00277	.00125
%RSD	.64812	162.55	2056.8	533.56	12.124
#1	10.186	-.00076	.00077	-.00221	.01039
#2	10.229	.00044	-.00070	-.00203	.01154
#3	10.317	-.00598	-.00018	.00268	.00904
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV4 Operator: CT
Run Time: 07/24/09 13:34:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24837	4.893	.50139	.50350	.49449	10.000	.50390
SDev	.00075	.017	.00219	.00211	.00196	.0359	.00196
%RSD	.30368	.3424	.43611	.41924	.39569	.3593	.38839
#1	.24796	4.884	.49947	.50246	.49381	9.996	.50290
#2	.24924	4.913	.50377	.50593	.49670	10.04	.50615
#3	.24790	4.883	.50093	.50211	.49297	9.966	.50264
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50450	.50302	.49970	1.0028	10.69	10.05	.49364
SDev	.00167	.00185	.00162	.0041	.05	.03	.00178
%RSD	.33148	.36758	.32439	.41207	.4353	.2868	.35956
#1	.50369	.50285	.49901	1.0034	10.65	10.03	.49284
#2	.50642	.50494	.50155	1.0066	10.68	10.08	.49568
#3	.50338	.50126	.49854	.99838	10.74	10.03	.49241
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50230	9.939	.50236	.49474	.49165	.47760	.50134
SDev	.00046	.016	.00222	.00330	.00196	.00200	.00185
%RSD	.09216	.1607	.44108	.66663	.39802	.41844	.36951
#1	.50199	9.923	.50235	.49200	.49072	.47682	.50032
#2	.50283	9.937	.50457	.49840	.49390	.47987	.50348
#3	.50208	9.955	.50014	.49380	.49033	.47611	.50023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50250	.49731	.49817	.49549	.49380	.49661	.49692
SDev	.00167	.00258	.00235	.00323	.00514	.00328	.00121
%RSD	.33203	.51870	.47101	.65255	1.0411	.65949	.24344
#1	.50149	.49551	.49685	.49180	.48854	.49283	.49816
#2	.50442	.50026	.50088	.49781	.49405	.49829	.49686
#3	.50157	.49615	.49678	.49687	.49881	.49869	.49575
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.49478	.49561	.49290	.49328	.49777	
SDev	.00535	.00216	.00671	.01064	.00103	
%RSD	1.0811	.43528	1.3605	2.1581	.20712	
#1	.48862	.49314	.48625	.48163	.49767	
#2	.49829	.49656	.49280	.49569	.49884	
#3	.49742	.49712	.49966	.50251	.49679	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB4 Operator: CT
Run Time: 07/24/09 13:38:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	-.0021	.00253	.00019	.00029	.0048	.00038
SDev	.00066	.0071	.00153	.00032	.00020	.0049	.00029
%RSD	162.59	348.1	60.181	171.84	69.769	102.7	76.089
#1	-.00020	.0034	.00353	.00047	.00052	.0104	.00062
#2	.00111	.0006	.00329	.00026	.00021	.0031	.00045
#3	.00030	-.0101	.00078	-.00017	.00014	.0010	.00006

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00038	.00137	.00189	-.0032	.0067	.00015
SDev	.00074	.00073	.00038	.00111	.0481	.0075	.00026
%RSD	167.49	192.22	28.232	58.828	1523.	112.8	175.52
#1	.00080	.00078	.00146	.00296	.0097	.0120	.00040
#2	.00093	.00082	.00169	.00197	.0372	.0098	.00016
#3	-.00041	-.00046	.00094	.00074	-.0564	-.0019	-.00011

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00211	.0065	.00057	.00123	.00018	.00020	.00057
SDev	.00082	.0047	.00052	.00153	.00022	.00050	.00028
%RSD	39.061	72.17	92.582	124.39	121.62	246.95	49.228
#1	.00244	.0109	.00103	.00190	.00042	.00052	.00060
#2	.00272	.0070	.00067	.00231	.00014	.00047	.00083
#3	.00117	.0016	-.00000	-.00052	-.00002	-.00038	.00027

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.00076	.00366	.00053	-.00022	.00248	.00088
SDev	.00015	.00070	.00348	.00031	.00231	.00074	.00234
%RSD	21.032	91.733	95.137	59.695	1030.3	29.779	266.83
#1	.00081	.00086	.00498	.00078	-.00145	.00303	.00357
#2	.00072	.00141	.00629	.00063	-.00165	.00276	-.00062
#3	.00053	.00002	-.00029	.00017	.00244	.00164	-.00032

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00035	-.00012	-.00028	.00098	.00347
SDev	.00094	.00253	.00230	.00392	.00221
%RSD	267.76	2191.5	826.82	399.05	63.663
#1	-.00062	-.00056	-.00190	-.00273	.00591
#2	.00125	-.00239	-.00129	.00509	.00160
#3	.00042	.00260	.00235	.00060	.00291

Method: KICAP Sample Name: 0907072-019ASD Operator: CT
Run Time: 07/24/09 14:15:32
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07864	26.30	.06429	1.5958	.00196	101.3	.01368
SDev	.01116	3.33	.00782	.2022	.00027	13.1	.00206
%RSD	14.196	12.66	12.158	12.669	13.668	12.97	15.067
#1	.06756	23.13	.05671	1.4013	.00168	88.72	.01167
#2	.07848	26.01	.06384	1.5813	.00199	100.3	.01358
#3	.08988	29.77	.07232	1.8049	.00221	114.9	.01579

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02937	.11305	2.5673	173.85	2.856	17.81	1.9643
SDev	.00488	.01469	.3283	21.80	.425	2.21	.2471
%RSD	16.613	12.993	12.787	12.541	14.87	12.41	12.580
#1	.02407	.09899	2.2536	153.03	2.427	15.68	1.7276
#2	.03037	.11185	2.5399	172.00	2.864	17.65	1.9448
#3	.03367	.12830	2.9084	196.52	3.276	20.09	2.2206

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01931	.6004	.18507	3.7410	.48547	.97087	.08570
SDev	.00240	.0812	.02418	.4859	.06145	.12330	.01151
%RSD	12.407	13.53	13.064	12.990	12.658	12.700	13.436
#1	.01830	.5216	.16294	3.2774	.42641	.85195	.07481
#2	.01759	.5959	.18138	3.6990	.48095	.96252	.08454
#3	.02205	.6838	.21087	4.2466	.54906	1.0981	.09775

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7562	.72291	-.01449	735.69	.01036	124.08	S68.053
SDev	.2244	.09099	.00384	92.32	.00656	16.83	.232
%RSD	12.779	12.587	26.484	12.548	63.314	13.563	.34135
#1	1.5406	.63428	-.01013	646.27	.00428	107.83	S68.283
#2	1.7393	.71837	-.01735	730.13	.00949	122.96	S68.058
#3	1.9886	.81610	-.01600	830.65	.01730	141.44	S67.819

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S72.064	.01716	.00696	119.35	126.44
SDev	.743	.00909	.01108	16.25	17.12
%RSD	1.0316	52.983	159.21	13.616	13.540
#1	S72.778	.02393	-.00553	103.47	110.01
#2	S72.119	.00683	.01082	118.63	125.12
#3	S71.294	.02072	.01560	135.95	144.18

Method: KICAP Sample Name: 0907072-019APDS Operator: CT
Run Time: 07/24/09 14:19:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17664	28.12	1.0950	1.9495	.40207	122.3	.39974
SDev	.00223	.23	.0071	.0187	.00329	.9	.00249
%RSD	1.2618	.8166	.65215	.95956	.81821	.7431	.62346
#1	.17731	28.35	1.1006	1.9673	.40546	123.2	.40250
#2	.17416	27.90	1.0870	1.9300	.39889	121.4	.39765
#3	.17847	28.10	1.0975	1.9513	.40185	122.2	.39907

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42468	.50594	2.9777	172.63	34.77	36.20	2.2969
SDev	.00259	.00345	.0298	1.31	.19	.20	.0182
%RSD	.61044	.68159	1.0015	.75614	.5573	.5587	.79265
#1	.42753	.50974	3.0066	174.00	34.80	36.43	2.3155
#2	.42247	.50302	2.9470	171.40	34.95	36.04	2.2791
#3	.42404	.50507	2.9794	172.50	34.56	36.12	2.2961

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40712	21.68	.57285	4.1199	.85568	1.3701	.48146
SDev	.00312	.25	.00428	.0283	.00791	.0114	.00411
%RSD	.76566	1.136	.74778	.68617	.92436	.83516	.85383
#1	.41070	21.66	.57720	4.1499	.86303	1.3817	.48486
#2	.40503	21.94	.56864	4.0937	.84731	1.3588	.47689
#3	.40564	21.45	.57270	4.1160	.85670	1.3699	.48263

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1397	1.1346	.38776	732.66	.41490	124.04	S12.055
SDev	.0181	.0121	.00101	5.55	.00373	1.07	.015
%RSD	.84766	1.0675	.25951	.75811	.89994	.86571	.12408
#1	2.1583	1.1468	.38877	738.15	.41119	122.87	S12.072
#2	2.1220	1.1226	.38676	727.04	.41485	124.28	S12.043
#3	2.1388	1.1344	.38775	732.79	.41865	124.98	S12.050

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S10.207	.42304	.41083	126.13	123.00
SDev	.045	.00717	.00887	1.76	.74
%RSD	.44222	1.6961	2.1590	1.3942	.60199
#1	S10.226	.42702	.40328	124.15	122.23
#2	S10.155	.42734	.40862	126.71	123.06
#3	S10.239	.41476	.42060	127.52	123.71

Method: KICAP Sample Name: 0907072-026A Operator: CT
Run Time: 07/24/09 14:23:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	66.27	.03283	.59531	.00485	58.21	.00345
SDev	.00077	.50	.00128	.00406	.00005	.34	.00003
%RSD	560.46	.7538	3.9070	.68271	1.0534	.5888	.86294
#1	.00075	66.42	.03403	.59833	.00490	58.43	.00346
#2	-.00073	66.67	.03299	.59692	.00486	58.39	.00342
#3	.00039	65.71	.03148	.59069	.00480	57.82	.00348

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02775	.07268	.75555	147.50	5.869	8.079	1.4325
SDev	.00007	.00039	.00507	.87	.031	.044	.0086
%RSD	.26113	.54275	.67128	.58680	.5205	.5443	.60065
#1	.02767	.07291	.75914	147.99	5.835	8.100	1.4381
#2	.02780	.07290	.75777	148.01	5.895	8.108	1.4369
#3	.02779	.07222	.74975	146.50	5.876	8.028	1.4226

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01026	.4255	.13574	.01737	.37311	1.4127	.09637
SDev	.00107	.0015	.00106	.00136	.00235	.0093	.00057
%RSD	10.436	.3593	.78153	7.8377	.63038	.65988	.59546
#1	.01149	.4264	.13662	.01890	.37482	1.4192	.09696
#2	.00962	.4264	.13603	.01629	.37408	1.4169	.09634
#3	.00966	.4237	.13456	.01693	.37043	1.4020	.09581

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94070	.05542	-.00742	16.613	.01382	.87916	16.408
SDev	.00627	.00087	.00060	.152	.00188	.05353	.079
%RSD	.66610	1.5639	8.0722	.91584	13.635	6.0888	.48026
#1	.94508	.05566	-.00810	16.757	.01192	.93878	16.484
#2	.94351	.05615	-.00698	16.627	.01387	.86345	16.327
#3	.93353	.05446	-.00718	16.454	.01568	.83524	16.412

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	16.498	.01208	.01469	.91932	.85860
SDev	.053	.00442	.00095	.07502	.04295
%RSD	.32311	36.562	6.4413	8.1601	5.0018
#1	16.487	.00849	.01362	1.0005	.90723
#2	16.556	.01074	.01543	.90494	.84273
#3	16.452	.01701	.01502	.85254	.82585

Method: KICAP Sample Name: 0907072-027A Operator: CT
Run Time: 07/24/09 14:27:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00111	44.11	.16476	1.1603	.00368	55.72	.00456
SDev	.00085	.26	.00032	.0075	.00001	.24	.00009
%RSD	76.552	.5916	.19701	.64787	.16553	.4307	2.0162
#1	.00196	43.83	.16458	1.1531	.00369	55.51	.00465
#2	.00110	44.15	.16457	1.1597	.00367	55.68	.00457
#3	.00027	44.35	.16514	1.1681	.00368	55.98	.00447

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04441	.12660	.47608	277.43	3.959	10.09	1.3525
SDev	.00043	.00015	.00344	1.27	.058	.02	.0065
%RSD	.96977	.12005	.72220	.45739	1.457	.2003	.47791
#1	.04490	.12677	.47247	276.27	4.015	10.08	1.3466
#2	.04422	.12647	.47647	277.25	3.962	10.09	1.3514
#3	.04410	.12657	.47931	278.78	3.900	10.12	1.3594

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01374	1.489	.16118	.07001	.77193	2.2568	.22782
SDev	.00061	.005	.00032	.00091	.00441	.0122	.00053
%RSD	4.4788	.3642	.19912	1.3052	.57074	.53842	.23248
#1	.01365	1.494	.16096	.07075	.76768	2.2446	.22728
#2	.01440	1.488	.16155	.06899	.77164	2.2568	.22785
#3	.01318	1.483	.16103	.07030	.77648	2.2689	.22834

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1066	.22535	-.01997	13.384	.01161	.16195	13.165
SDev	.0063	.00107	.00264	.044	.00036	.00332	.010
%RSD	.57263	.47635	13.236	.32569	3.1232	2.0514	.07604
#1	1.1008	.22454	-.01720	13.343	.01156	.16432	13.154
#2	1.1057	.22495	-.02024	13.378	.01199	.16338	13.173
#3	1.1134	.22657	-.02247	13.430	.01127	.15815	13.169

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	13.268	.00560	.01461	.16353	.16166
SDev	.118	.00300	.00159	.00931	.00223
%RSD	.89209	53.636	10.859	5.6934	1.3812
#1	13.161	.00215	.01625	.17299	.16074
#2	13.395	.00701	.01448	.16321	.16421
#3	13.249	.00763	.01309	.15438	.16004

Method: KICAP Sample Name: 0907072-028A Operator: CT
Run Time: 07/24/09 14:31:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00425	35.69	.07435	.82300	.00444	511.8	.00366
SDev	.00065	.03	.00029	.00106	.00001	.7	.00006
%RSD	15.203	.0768	.39253	.12904	.11088	.1346	1.5047
#1	.00431	35.68	.07469	.82191	.00444	511.0	.00360
#2	.00487	35.72	.07416	.82304	.00445	512.3	.00371
#3	.00358	35.67	.07420	.82403	.00444	512.0	.00366

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06990	.12931	.93360	364.54	6.918	43.57	3.5417
SDev	.00037	.00052	.00074	.42	.024	.07	.0037
%RSD	.52590	.39882	.07892	.11586	.3401	.1604	.10320
#1	.06982	.12914	.93277	364.19	6.920	43.54	3.5380
#2	.07031	.12989	.93417	365.01	6.941	43.65	3.5453
#3	.06959	.12890	.93387	364.43	6.894	43.52	3.5419

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01158	1.042	.17889	3.6999	.77620	1.6949	.16583
SDev	.00120	.002	.00056	.0076	.00050	.0020	.00023
%RSD	10.345	.1931	.31522	.20415	.06443	.11700	.13763
#1	.01290	1.042	.17877	3.6940	.77568	1.6926	.16577
#2	.01130	1.044	.17951	3.7084	.77624	1.6963	.16608
#3	.01055	1.040	.17840	3.6972	.77667	1.6957	.16563

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4410	.31822	-.03157	42.138	.01062	.05786	41.113
SDev	.0034	.00126	.00115	.028	.00115	.00036	.117
%RSD	.13897	.39655	3.6325	.06676	10.827	.62197	.28386
#1	2.4371	.31911	-.03278	42.144	.00939	.05774	41.247
#2	2.4436	.31876	-.03050	42.163	.01079	.05826	41.050
#3	2.4422	.31677	-.03144	42.107	.01167	.05757	41.040

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	41.312	.00791	.01198	.03207	.07098
SDev	.568	.00246	.00276	.00172	.00187
%RSD	1.3745	31.044	23.067	5.3731	2.6305
#1	40.660	.01058	.00880	.03017	.07301
#2	41.577	.00576	.01331	.03353	.07061
#3	41.699	.00738	.01382	.03252	.06933

Method: KICAP Sample Name: 0907072-029A Operator: CT
Run Time: 07/24/09 14:35:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	48.51	.08135	.84928	.00454	344.2	.00308
SDev	.00028	.22	.00025	.00469	.00002	1.6	.00009
%RSD	17.648	.4594	.30814	.55258	.47556	.4599	3.0615
#1	.00127	48.39	.08107	.84567	.00453	343.1	.00317
#2	.00177	48.38	.08155	.84758	.00453	343.5	.00309
#3	.00174	48.77	.08144	.85458	.00457	346.0	.00299

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05149	.10449	.72367	294.25	9.815	40.16	2.7302
SDev	.00012	.00038	.00383	1.53	.041	.15	.0132
%RSD	.22635	.35897	.52976	.51947	.4179	.3852	.48522
#1	.05153	.10436	.72133	293.11	9.850	40.06	2.7205
#2	.05135	.10420	.72159	293.66	9.770	40.08	2.7249
#3	.05157	.10491	.72810	295.99	9.826	40.33	2.7453

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01288	1.230	.15690	1.7840	.90982	1.5668	.16134
SDev	.00064	.003	.00092	.0087	.00507	.0087	.00087
%RSD	4.9726	.2821	.58717	.49026	.55726	.55269	.53645
#1	.01318	1.232	.15599	1.7740	.90595	1.5603	.16058
#2	.01332	1.226	.15687	1.7878	.90795	1.5635	.16116
#3	.01215	1.232	.15783	1.7902	.91556	1.5766	.16228

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4685	.35952	-.02373	22.995	.00937	.05891	22.242
SDev	.0076	.00134	.00132	.110	.00168	.00078	.021
%RSD	.51898	.37229	5.5554	.47693	17.871	1.3263	.09217
#1	1.4631	.35826	-.02236	22.930	.00932	.05980	22.254
#2	1.4652	.35936	-.02499	22.932	.00773	.05835	22.218
#3	1.4772	.36093	-.02385	23.121	.01108	.05857	22.254

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	22.416	.00857	.00977	.04212	.06679
SDev	.159	.00475	.00314	.00547	.00357
%RSD	.70917	55.367	32.079	12.975	5.3449
#1	22.237	.01394	.00701	.03606	.07090
#2	22.469	.00492	.00913	.04363	.06495
#3	22.541	.00687	.01318	.04668	.06451

Method: KICAP Sample Name: 0907072-030A Operator: CT
Run Time: 07/24/09 14:38:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	111.2	.06798	.89433	.00542	141.2	.00401
SDev	.00057	.2	.00009	.00149	.00002	.3	.00004
%RSD	128.91	.1633	.12588	.16674	.27010	.2026	.90234
#1	.00057	111.3	.06806	.89605	.00543	141.5	.00405
#2	.00093	111.0	.06789	.89343	.00540	141.0	.00398
#3	-.00018	111.4	.06798	.89350	.00542	141.2	.00401

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03857	.12595	.33986	109.72	19.99	28.27	1.3345
SDev	.00025	.00025	.00036	.18	.10	.05	.0027
%RSD	.65214	.19980	.10589	.16520	.5149	.1803	.20554
#1	.03855	.12610	.34024	109.90	19.88	28.31	1.3371
#2	.03833	.12566	.33980	109.54	20.08	28.21	1.3317
#3	.03883	.12608	.33953	109.74	20.00	28.28	1.3346

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00235	.7293	.11505	.24503	.53798	.80043	.13398
SDev	.00036	.0025	.00043	.00248	.00065	.00189	.00031
%RSD	15.227	.3480	.37541	1.0120	.12001	.23663	.23400
#1	.00196	.7265	.11554	.24562	.53866	.80252	.13432
#2	.00243	.7315	.11473	.24716	.53737	.79882	.13391
#3	.00267	.7300	.11488	.24231	.53791	.79994	.13371

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2458	.05116	-.00649	3.7643	.00999	.03373	3.7400
SDev	.0027	.00075	.00121	.0054	.00073	.00281	.0116
%RSD	.22036	1.4707	18.598	.14284	7.2737	8.3248	.30961
#1	1.2486	.05059	-.00765	3.7615	.00989	.03659	3.7533
#2	1.2432	.05202	-.00657	3.7705	.01076	.03364	3.7324
#3	1.2455	.05088	-.00524	3.7608	.00932	.03097	3.7342

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	3.7764	.00482	.01257	.03247	.03436
SDev	.0121	.00167	.00185	.00648	.00137
%RSD	.31990	34.566	14.693	19.951	3.9874
#1	3.7657	.00602	.01182	.03715	.03556
#2	3.7895	.00292	.01468	.03519	.03287
#3	3.7741	.00551	.01122	.02508	.03466

Method: KICAP Sample Name: 0907072-031A Operator: CT
Run Time: 07/24/09 14:42:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00351	106.7	.07908	1.2409	.00665	123.8	.00725
SDev	.00015	.2	.00007	.0033	.00002	.3	.00004
%RSD	4.4088	.1491	.09051	.26862	.36229	.2664	.51560
#1	.00334	106.7	.07900	1.2388	.00663	123.6	.00721
#2	.00364	106.8	.07914	1.2447	.00667	124.1	.00728
#3	.00356	106.5	.07910	1.2392	.00663	123.6	.00726

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09765	.41136	1.3327	250.21	14.27	54.06	6.3208
SDev	.00035	.00105	.0039	.76	.07	.15	.0167
%RSD	.36076	.25591	.28997	.30183	.5076	.2759	.26433
#1	.09740	.41116	1.3302	249.82	14.20	53.99	6.3134
#2	.09805	.41249	1.3371	251.08	14.34	54.23	6.3399
#3	.09750	.41042	1.3308	249.74	14.28	53.96	6.3091

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02417	24.56	.53201	.05727	.67037	2.5072	.52992
SDev	.00015	.14	.00158	.00048	.00200	.0069	.00169
%RSD	.62435	.5671	.29653	.83889	.29882	.27509	.31801
#1	.02424	24.41	.53166	.05758	.66940	2.5026	.52920
#2	.02400	24.68	.53373	.05672	.67267	2.5151	.53185
#3	.02428	24.58	.53063	.05751	.66903	2.5038	.52872

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8836	.14873	-.01743	19.222	.01426	.13753	18.743
SDev	.0051	.00066	.00147	.065	.00146	.00095	.050
%RSD	.26814	.44592	8.4111	.33831	10.229	.68891	.26421
#1	1.8814	.14823	-.01820	19.172	.01289	.13831	18.687
#2	1.8894	.14948	-.01574	19.296	.01410	.13781	18.761
#3	1.8801	.14849	-.01835	19.198	.01579	.13648	18.781

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	18.931	.01137	.01570	.13544	.13933
SDev	.039	.00518	.00052	.00398	.00045
%RSD	.20373	45.558	3.2917	2.9383	.32570
#1	18.922	.00702	.01582	.13930	.13931
#2	18.973	.01000	.01615	.13568	.13888
#3	18.897	.01710	.01514	.13135	.13979

Method: KICAP Sample Name: 0907072-032A Operator: CT
Run Time: 07/24/09 14:51:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00676	79.92	.04509	.80072	.00461	339.9	.00417
SDev	.00066	.27	.00129	.00121	.00003	.7	.00010
%RSD	9.8020	.3431	2.8638	.15069	.54061	.2008	2.4241
#1	.00613	79.64	.04387	.80036	.00458	339.1	.00407
#2	.00670	80.19	.04495	.80206	.00463	340.4	.00418
#3	.00745	79.93	.04644	.79973	.00463	340.1	.00427

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07601	.25083	1.0005	184.84	17.77	85.33	4.3654
SDev	.00086	.00082	.0020	.41	.05	.25	.0077
%RSD	1.1264	.32532	.20183	.22291	.2730	.2942	.17632
#1	.07506	.24991	.99883	184.37	17.71	85.05	4.3569
#2	.07628	.25113	1.0027	185.12	17.77	85.43	4.3718
#3	.07671	.25146	.99985	185.04	17.81	85.52	4.3677

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01729	1.264	.32415	.08310	.56344	1.5586	.48305
SDev	.00131	.003	.00161	.00117	.00079	.0024	.00107
%RSD	7.6084	.2120	.49677	1.4050	.14069	.15321	.22164
#1	.01622	1.261	.32241	.08176	.56292	1.5568	.48184
#2	.01876	1.265	.32447	.08366	.56435	1.5613	.48384
#3	.01688	1.266	.32558	.08388	.56304	1.5577	.48348

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8763	.07891	-.01760	87.103	.00855	1.0322	S13.641
SDev	.0033	.00054	.00199	.115	.00081	.0030	.004
%RSD	.17622	.68323	11.329	.13205	9.4422	.29183	.02648
#1	1.8727	.07829	-.01967	86.978	.00806	1.0306	S13.641
#2	1.8792	.07922	-.01746	87.205	.00948	1.0357	S13.644
#3	1.8771	.07922	-.01568	87.126	.00811	1.0304	S13.637

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S14.872	.00501	.01032	1.0486	1.0245
SDev	.002	.00413	.00104	.0051	.0034
%RSD	.01069	82.427	10.116	.48841	.33543
#1	S14.873	.00423	.00998	1.0430	1.0228
#2	S14.873	.00947	.00949	1.0531	1.0285
#3	S14.870	.00132	.01149	1.0496	1.0223

Method: KICAP Sample Name: 0907072-033A Operator: CT
Run Time: 07/24/09 14:55:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	32.09	.04671	.45499	.00287	23.63	.00122
SDev	.00037	.17	.00043	.00267	.00001	.14	.00002
%RSD	44.810	.5329	.91906	.58677	.44153	.5929	1.5288
#1	.00048	32.19	.04661	.45624	.00286	23.71	.00123
#2	.00078	32.19	.04718	.45681	.00288	23.71	.00120
#3	.00122	31.89	.04633	.45193	.00286	23.47	.00123

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08499	.13401	.22863	244.32	3.619	3.522	2.7264
SDev	.00030	.00063	.00145	1.45	.021	.018	.0163
%RSD	.34662	.46776	.63566	.59505	.5704	.5069	.59756
#1	.08495	.13408	.22916	244.82	3.596	3.533	2.7336
#2	.08531	.13461	.22975	245.46	3.630	3.530	2.7379
#3	.08473	.13336	.22699	242.69	3.633	3.501	2.7078

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01085	.7338	.18671	.01777	.31496	2.6107	.13925
SDev	.00038	.0019	.00063	.00043	.00187	.0161	.00075
%RSD	3.4967	.2607	.33731	2.4235	.59349	.61758	.53473
#1	.01050	.7319	.18664	.01779	.31582	2.6171	.13945
#2	.01125	.7357	.18738	.01819	.31624	2.6227	.13987
#3	.01079	.7338	.18612	.01733	.31281	2.5924	.13842

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28751	.08838	-.01625	24.139	.01014	.05114	24.266
SDev	.00168	.00144	.00120	.102	.00155	.00191	.103
%RSD	.58556	1.6244	7.3751	.42326	15.312	3.7411	.42341
#1	.28828	.08839	-.01698	24.153	.01167	.05231	24.238
#2	.28867	.08982	-.01487	24.234	.00857	.05217	24.379
#3	.28558	.08694	-.01691	24.031	.01020	.04893	24.180

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	24.402	.00699	.01172	.04915	.05263
SDev	.324	.00020	.00226	.00279	.00324
%RSD	1.3283	2.8119	19.279	5.6685	6.1494
#1	24.402	.00705	.01398	.04655	.05518
#2	24.727	.00677	.00946	.05210	.05371
#3	24.079	.00715	.01172	.04881	.04899

Method: KICAP Sample Name: CCVH5 Operator: CT
Run Time: 07/24/09 14:58:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.0123	.00431	-.00000	.00003	49.72	.00013
SDev	.00057	.0047	.00033	.00011	.00001	.31	.00001
%RSD	132.39	38.09	7.6230	858590.	25.745	.6142	6.5624
#1	-.00017	.0176	.00413	.00012	.00002	50.07	.00012
#2	.00097	.0108	.00412	-.00002	.00004	49.54	.00014
#3	.00049	.0086	.00469	-.00009	.00004	49.54	.00013
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	5.1795	.00077	10.382	.0062	.0103	.00057
SDev	.00015	.0267	.00094	.115	.0155	.0016	.00060
%RSD	32.036	.51555	121.98	1.1042	250.3	15.23	104.97
#1	.00040	5.2068	-.00024	10.513	-.0095	.0098	.00125
#2	.00062	5.1783	.00163	10.332	.0215	.0120	.00039
#3	.00034	5.1535	.00092	10.301	.0066	.0090	.00009
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	50.11	.00007	.00282	.00015	.00138	.00016
SDev	.00120	.14	.00022	.00010	.00005	.00058	.00025
%RSD	222.76	.2801	298.13	3.6969	36.080	42.038	154.81
#1	-.00071	50.23	-.00015	.00285	.00021	.00202	-.00011
#2	.00168	50.14	.00007	.00289	.00014	.00125	.00038
#3	.00065	49.96	.00030	.00270	.00010	.00088	.00022
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00201	-.00231	.00280	10.069	-.00105	.00489	10.144
SDev	.00007	.00107	.00089	.075	.00053	.00166	.054
%RSD	3.6478	46.357	31.802	.74065	50.550	34.004	.53688
#1	.00202	-.00329	.00356	10.154	-.00064	.00586	10.190
#2	.00193	-.00117	.00301	10.041	-.00087	.00297	10.084
#3	.00207	-.00247	.00182	10.013	-.00165	.00584	10.159
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.221	-.00369	.00026	-.00580	.01048
SDev	.024	.00178	.00155	.00557	.00188
%RSD	.23050	48.214	588.43	96.154	17.934
#1	10.195	-.00574	.00191	-.00057	.00832
#2	10.229	-.00269	.00004	-.01166	.01178
#3	10.240	-.00263	-.00116	-.00517	.01134
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV5 Operator: CT
Run Time: 07/24/09 15:02:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25194	4.972	.50899	.51242	.50302	10.15	.51271
SDev	.00050	.024	.00255	.00143	.00156	.03	.00151
%RSD	.19779	.4830	.50042	.27898	.30939	.3027	.29471
#1	.25154	4.985	.50635	.51159	.50209	10.15	.51216
#2	.25250	4.987	.51143	.51407	.50481	10.18	.51442
#3	.25179	4.945	.50920	.51159	.50214	10.12	.51155
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51326	.50983	.50716	1.0172	10.89	10.23	.50159
SDev	.00153	.00181	.00100	.0033	.06	.03	.00142
%RSD	.29883	.35523	.19651	.32880	.5421	.2875	.28352
#1	.51242	.51012	.50678	1.0176	10.93	10.21	.50063
#2	.51503	.51147	.50829	1.0204	10.92	10.26	.50323
#3	.51234	.50789	.50640	1.0137	10.82	10.20	.50092
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51118	10.17	.51007	.50365	.49729	.48636	.50816
SDev	.00176	.04	.00120	.00271	.00142	.00138	.00140
%RSD	.34400	.3658	.23604	.53819	.28453	.28449	.27649
#1	.50978	10.20	.50923	.50135	.49650	.48556	.50743
#2	.51316	10.19	.51145	.50664	.49893	.48795	.50978
#3	.51062	10.13	.50952	.50296	.49646	.48556	.50727
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51014	.50471	.50603	.50557	.50371	.50080	.50232
SDev	.00166	.00185	.00476	.00063	.00343	.00224	.00080
%RSD	.32512	.36590	.94027	.12527	.68085	.44781	.15838
#1	.50912	.50364	.50151	.50631	.50001	.49821	.50316
#2	.51205	.50684	.51099	.50522	.50435	.50199	.50158
#3	.50924	.50365	.50558	.50520	.50678	.50219	.50220
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.50720	.50284	.50415	.50448	.49946	
SDev	.00061	.00545	.00310	.00250	.00297	
%RSD	.11958	1.0832	.61468	.49504	.59480	
#1	.50787	.49886	.50059	.50181	.49641	
#2	.50703	.50061	.50621	.50675	.49961	
#3	.50670	.50905	.50565	.50488	.50235	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB5 Operator: CT
Run Time: 07/24/09 15:06:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	-.0035	.00246	-.00005	.00011	.0019	.00024
SDev	.00074	.0031	.00027	.00004	.00008	.0009	.00004
%RSD	258.07	87.91	10.929	86.606	66.889	46.34	15.456
#1	-.00114	-.0050	.00276	-.00002	.00020	.0027	.00027
#2	.00018	-.0056	.00235	-.00009	.00008	.0021	.00020
#3	.00010	.0000	.00226	-.00002	.00006	.0010	.00026

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.00023	.00052	.00261	-.0121	.0027	-.00002
SDev	.00048	.00030	.00037	.00042	.0273	.0014	.00006
%RSD	130.97	127.85	72.146	16.138	226.6	52.38	362.13
#1	.00013	.00000	.00009	.00219	-.0343	.0033	.00004
#2	.00005	.00013	.00066	.00261	-.0202	.0011	-.00007
#3	.00092	.00057	.00080	.00303	.0184	.0037	-.00001

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	.0035	-.00054	.00190	-.00001	.00002	-.00019
SDev	.00089	.0005	.00024	.00104	.00006	.00011	.00045
%RSD	55.882	15.53	43.932	54.894	1133.2	699.27	233.08
#1	.00084	.0036	-.00081	.00171	.00006	-.00005	-.00070
#2	.00136	.0029	-.00044	.00096	-.00005	-.00005	.00014
#3	.00258	.0039	-.00037	.00302	-.00003	.00014	-.00002

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	-.00002	.00504	.00078	-.00032	.00160	.00207
SDev	.00006	.00082	.00157	.00038	.00096	.00035	.00075
%RSD	8.0864	3727.6	31.086	48.829	303.53	21.734	36.054
#1	.00073	-.00070	.00528	.00036	.00073	.00185	.00228
#2	.00063	.00088	.00337	.00110	-.00116	.00120	.00124
#3	.00072	-.00025	.00648	.00090	-.00051	.00175	.00270

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00014	-.00004	-.00045	-.00207	.00293
SDev	.00082	.00187	.00117	.00170	.00087
%RSD	585.43	4316.9	257.85	82.323	29.709
#1	-.00060	.00174	.00022	-.00168	.00286
#2	.00102	.00012	-.00180	-.00060	.00210
#3	.00000	-.00199	.00022	-.00394	.00384

Method: KICAP Sample Name: 0907072-034A Operator: CT
Run Time: 07/24/09 15:10:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00504	22.24	.03606	.55227	.00171	18.92	.00430
SDev	.00070	.15	.00022	.00348	.00002	.08	.00008
%RSD	13.937	.6736	.60689	.63068	1.0663	.4063	1.8532
#1	.00466	22.42	.03598	.55628	.00169	19.01	.00433
#2	.00462	22.18	.03590	.55055	.00172	18.87	.00421
#3	.00586	22.14	.03631	.54999	.00173	18.88	.00436

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04558	.04864	.38981	305.84	1.283	1.476	6.0709
SDev	.00017	.00018	.00302	1.61	.029	.004	.0310
%RSD	.37628	.36864	.77601	.52488	2.277	.2877	.51104
#1	.04556	.04850	.39329	307.69	1.259	1.480	6.1067
#2	.04542	.04858	.38841	304.87	1.274	1.471	6.0527
#3	.04576	.04884	.38775	304.95	1.315	1.477	6.0533

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00563	.3995	.25041	.05055	.25721	.99800	.06103
SDev	.00120	.0011	.00143	.00181	.00143	.00540	.00039
%RSD	21.274	.2825	.56973	3.5859	.55400	.54134	.63705
#1	.00652	.3989	.25205	.04879	.25885	1.0042	.06081
#2	.00610	.3987	.24962	.05043	.25645	.99497	.06080
#3	.00427	.4008	.24955	.05241	.25632	.99478	.06148

Elem	Zn2138	As1890	Tl1908	Pb ✓	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3783	.04894	-.02407	257.19	.00854	.47163	S13.256
SDev	.0134	.00100	.00164	1.52	.00144	.00269	.003
%RSD	.56457	2.0436	6.8135	.59226	16.855	.57006	.02434
#1	2.3938	.04958	-.02595	258.93	.00689	.46902	S13.258
#2	2.3701	.04779	-.02292	256.07	.00919	.47149	S13.258
#3	2.3710	.04945	-.02335	256.57	.00953	.47439	S13.252

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S13.635	.00761	.00900	.47467	.47062
SDev	.003	.00507	.00442	.00950	.00161
%RSD	.01998	66.586	49.168	2.0008	.34125
#1	S13.635	.01170	.00448	.46790	.47108
#2	S13.637	.00921	.00918	.47058	.47195
#3	S13.632	.00194	.01333	.48552	.46883

Method: KICAP Sample Name: 0907072-035A Operator: CT
Run Time: 07/24/09 15:14:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00397	51.97	.10427	4.8942	.00525	409.8	.01993
SDev	.00077	.16	.00035	.0189	.00001	1.4	.00004
%RSD	19.435	.3018	.33957	.38626	.26575	.3380	.19525
#1	.00485	51.96	.10443	4.8967	.00527	410.1	.01998
#2	.00366	51.82	.10386	4.8742	.00524	408.2	.01991
#3	.00341	52.14	.10451	4.9117	.00525	410.9	.01991

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05943	.23934	1.0660	172.28	16.13	69.41	6.8127
SDev	.00018	.00067	.0040	.60	.03	.21	.0228
%RSD	.30789	.27974	.37489	.35103	.2169	.3067	.33497
#1	.05963	.23981	1.0667	172.51	16.17	69.57	6.8218
#2	.05936	.23857	1.0618	171.60	16.13	69.17	6.7867
#3	.05929	.23963	1.0697	172.74	16.10	69.50	6.8295

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01287	1.905	.20084	.29643	1.2834	1.4228	.16109
SDev	.00035	.002	.00084	.00071	.0049	.0051	.00069
%RSD	2.7362	.1135	.41744	.23823	.38401	.36049	.43115
#1	.01251	1.908	.20180	.29596	1.2843	1.4247	.16182
#2	.01322	1.903	.20025	.29724	1.2780	1.4170	.16044
#3	.01289	1.905	.20047	.29608	1.2877	1.4267	.16101

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.4356	.08879	-.01795	59.029	.01196	.45203	58.012
SDev	.0239	.00070	.00088	.181	.00028	.00498	.501
%RSD	.32104	.78411	4.8982	.30606	2.3109	1.1014	.86416
#1	7.4453	.08819	-.01707	59.085	.01221	.45774	58.578
#2	7.4085	.08862	-.01883	58.827	.01166	.44971	57.832
#3	7.4532	.08955	-.01795	59.174	.01199	.44863	57.625

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	58.696	.01011	.01287	.45715	.44897
SDev	.510	.00202	.00114	.00653	.00364
%RSD	.86808	19.968	8.8711	1.4292	.81101
#1	59.135	.01120	.01272	.46424	.45300
#2	58.816	.01136	.01182	.45582	.44591
#3	58.137	.00778	.01408	.45138	.44801

Method: KICAP Sample Name: 0907072-036A Operator: CT
Run Time: 07/24/09 15:18:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01329	53.08	.13762	2.6391	.00379	78.34	.01377
SDev	.00077	.54	.00117	.0174	.00001	.37	.00008
%RSD	5.7821	1.022	.84927	.66083	.20734	.4728	.55357
#1	.01346	52.97	.13648	2.6362	.00379	78.27	.01369
#2	.01396	52.60	.13758	2.6232	.00379	78.00	.01384
#3	.01245	53.67	.13881	2.6578	.00380	78.74	.01376

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06866	.17556	2.0986	228.47	10.86	15.08	5.3021
SDev	.00020	.00065	.0133	1.21	.01	.06	.0272
%RSD	.28991	.37002	.63247	.53066	.1380	.3724	.51227
#1	.06844	.17494	2.0948	228.03	10.87	15.06	5.2940
#2	.06876	.17550	2.0875	227.54	10.87	15.03	5.2799
#3	.06880	.17624	2.1133	229.84	10.84	15.14	5.3324

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01579	3.643	.25484	.16737	.81809	2.5893	.13059
SDev	.00047	.005	.00097	.00167	.00486	.0142	.00061
%RSD	3.0067	.1420	.38070	.99681	.59364	.54840	.46593
#1	.01524	3.645	.25464	.16930	.81739	2.5847	.13073
#2	.01604	3.637	.25398	.16645	.81363	2.5780	.12993
#3	.01609	3.646	.25589	.16637	.82326	2.6052	.13112

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2634	.15616	-.01943	98.721	.00877	.94500	S13.633
SDev	.0290	.00108	.00090	.523	.00117	.00261	.001
%RSD	.55003	.68876	4.6443	.52974	13.353	.27622	.01082
#1	5.2540	.15580	-.02033	98.657	.00819	.94564	S13.634
#2	5.2404	.15532	-.01852	98.233	.00800	.94213	S13.631
#3	5.2959	.15738	-.01944	99.273	.01012	.94724	S13.632

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S14.792	.00619	.01006	.96009	.93797
SDev	.003	.00169	.00199	.00775	.00184
%RSD	.02154	27.316	19.753	.80720	.19622
#1	S14.791	.00799	.00829	.95909	.93967
#2	S14.790	.00464	.00968	.95289	.93601
#3	S14.796	.00593	.01221	.96829	.93822

Method: KICAP Sample Name: 0907072-037A Operator: CT
Run Time: 07/24/09 15:22:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07013	30.74	.04844	3.6615	.00280	53.03	.05392
SDev	.00059	.17	.00007	.0174	.00001	.21	.00011
%RSD	.83463	.5549	.14141	.47468	.25557	.3961	.19536
#1	.06962	30.88	.04841	3.6807	.00279	53.26	.05404
#2	.07000	30.55	.04838	3.6573	.00279	52.95	.05387
#3	.07077	30.78	.04851	3.6467	.00281	52.87	.05385

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04251	.14332	5.1303	269.18	8.871	13.18	2.1343
SDev	.00022	.00027	.0221	.92	.057	.03	.0078
%RSD	.52930	.18969	.43041	.34094	.6384	.2456	.36339
#1	.04241	.14364	5.1545	270.22	8.880	13.21	2.1431
#2	.04235	.14316	5.1251	268.83	8.810	13.15	2.1316
#3	.04276	.14317	5.1113	268.48	8.923	13.16	2.1283

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00800	2.166	.37489	.89242	.65733	2.1393	.17005
SDev	.00066	.009	.00092	.00264	.00280	.0088	.00026
%RSD	8.2198	.4357	.24580	.29523	.42558	.41050	.15474
#1	.00736	2.169	.37582	.89544	.66045	2.1490	.17032
#2	.00797	2.155	.37398	.89062	.65649	2.1371	.16979
#3	.00867	2.172	.37486	.89120	.65505	2.1318	.17006

Elem	Zn2138	As1890	Tl1908	Pb ✓	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.3474	.19857	-.01717	738.49	.01578	33.197	S12.017
SDev	.0247	.00128	.00103	2.43	.00090	.130	.027
%RSD	.38929	.64428	6.0082	.32870	5.6912	.39153	.22664
#1	6.3751	.19715	-.01700	741.29	.01617	33.317	S11.986
#2	6.3391	.19894	-.01828	737.07	.01641	33.059	S12.033
#3	6.3278	.19963	-.01624	737.11	.01475	33.215	S12.033

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S10.238	.01515	.01609	34.108	32.743
SDev	.026	.00061	.00106	.244	.121
%RSD	.25119	4.0102	6.5775	.71503	.37098
#1	S10.213	.01522	.01664	34.389	32.781
#2	S10.264	.01572	.01676	33.967	32.607
#3	S10.238	.01451	.01487	33.967	32.841

Method: KICAP Sample Name: ICSA-FINAL Operator: CT
Run Time: 07/24/09 15:39:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00060	468.5	.00128	-.00153	.00005	507.3	.00023
SDev	.00043	1.2	.00030	.00018	.00001	.7	.00008
%RSD	71.492	.2638	23.608	11.705	12.866	.1315	35.367
#1	-.00042	467.1	.00142	-.00134	.00005	506.6	.00030
#2	-.00110	469.5	.00148	-.00155	.00005	507.9	.00026
#3	-.00029	469.0	.00093	-.00170	.00004	507.3	.00014
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value		500.0				500.0	
Range		20.00				20.00	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	-.00073	-.00025	189.62	-.2503	497.4	-.00057
SDev	.00006	.00008	.00058	.52	.0579	1.0	.00001
%RSD	61.820	11.531	227.85	.27173	23.15	.2032	1.4004
#1	.00013	-.00071	.00017	189.03	-.1865	496.4	-.00057
#2	.00014	-.00082	-.00091	189.99	-.2647	498.4	-.00058
#3	.00003	-.00065	-.00002	189.83	-.2996	497.4	-.00058
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.0	
Range				20.000		20.00	

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00106	.0366	-.00055	.00667	-.00015	-.00119	-.00049
SDev	.00056	.0445	.00027	.00011	.00043	.00004	.00032
%RSD	52.265	121.4	48.865	1.6326	291.64	3.0597	64.503
#1	-.00042	.0872	-.00027	.00675	.00035	-.00118	-.00042
#2	-.00136	.0187	-.00080	.00655	-.00035	-.00123	-.00083
#3	-.00141	.0040	-.00058	.00671	-.00045	-.00116	-.00021
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00157	.00025	.00831	.00621	.00368	.00278	.01692
SDev	.00002	.00055	.00157	.00114	.00078	.00206	.00375
%RSD	1.3491	219.19	18.842	18.368	21.228	74.021	22.181
#1	.00156	.00088	.00929	.00705	.00398	.00042	.02113
#2	.00159	-.00014	.00915	.00667	.00280	.00419	.01573
#3	.00156	.00001	.00651	.00491	.00427	.00374	.01391
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value
Range

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00086	.01241	-.00067	-.01570	.01126
SDev	.00112	.00518	.00231	.00741	.00118
%RSD	130.38	41.770	343.42	47.222	10.473
#1	.00003	.01835	-.00319	-.02397	.01260
#2	.00214	.00879	-.00020	-.00967	.01036
#3	.00042	.01009	.00137	-.01345	.01082
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value
Range

Method: KICAP Sample Name: ICSAB-FINAL Operator: CT
Run Time: 07/24/09 15:43:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19971	458.7	.50684	.48374	.49528	503.7	.93094
SDev	.00121	1.8	.00245	.00237	.00264	2.4	.00447
%RSD	.60693	.3940	.48372	.48964	.53200	.4730	.48047
#1	.19988	460.6	.50756	.48503	.49708	505.6	.93457
#2	.20084	458.4	.50885	.48517	.49651	504.6	.93231
#3	.19843	457.0	.50411	.48100	.49226	501.0	.92594
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.20000	500.0	.50000	.50000	.50000	500.0	1.0000
Range	20.000	20.00	20.000	20.000	20.000	20.00	20.000

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47186	.47530	.52514	188.73	7.666	493.1	.47576
SDev	.00271	.00238	.00335	.96	.031	2.6	.00224
%RSD	.57430	.50113	.63824	.51132	.4031	.5324	.47177
#1	.47418	.47750	.52669	189.45	7.701	495.5	.47717
#2	.47252	.47564	.52743	189.10	7.644	493.6	.47693
#3	.46888	.47277	.52129	187.63	7.652	490.3	.47317
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	200.00		500.0	.50000
Range	20.000	20.000	20.000	20.000		20.00	20.000

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47766	1.197	.93480	.48826	.47126	.49050	.48717
SDev	.00225	.004	.00405	.00319	.00232	.00207	.00217
%RSD	.47143	.3107	.43312	.65281	.49314	.42150	.44624
#1	.47702	1.201	.93786	.48925	.47234	.49170	.48844
#2	.48016	1.197	.93633	.49084	.47285	.49169	.48842
#3	.47580	1.194	.93021	.48470	.46859	.48811	.48466
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000		1.0000	.50000	.50000	.50000	.50000
Range	20.000		20.000	20.000	20.000	20.000	20.000

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0152	.10465	.10694	.05263	.05474	.62897	.05453
SDev	.0057	.00134	.00184	.00023	.00236	.00131	.00607
%RSD	.55714	1.2799	1.7167	.43125	4.3170	.20777	11.139
#1	1.0188	.10619	.10863	.05273	.05715	.62922	.05788
#2	1.0181	.10397	.10499	.05279	.05464	.63013	.04752
#3	1.0087	.10379	.10722	.05237	.05243	.62755	.05819
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK

Value	1.0000	.10000	.10000	.05000	.05000	.60000
Range	20.000	20.000	20.000	20.000	20.000	20.000
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.05169	.05384	.05519	.63723	.62459	
SDev	.00326	.00490	.00302	.00809	.00302	
%RSD	6.3092	9.1013	5.4754	1.2702	.48331	
#1	.05016	.05877	.05635	.63237	.62689	
#2	.05543	.04897	.05747	.64658	.62117	
#3	.04947	.05377	.05176	.63275	.62571	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
Value						
Range						

Method: KICAP Sample Name: CCVH6 Operator: CT
Run Time: 07/24/09 15:47:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.1939	.00512	-.00007	.00023	50.74	.00046
SDev	.00019	.2077	.00089	.00016	.00022	.13	.00045
%RSD	2928.0	107.1	17.429	230.02	95.442	.2528	98.634
#1	.00021	.4288	.00613	.00012	.00047	50.83	.00097
#2	-.00004	.1184	.00480	-.00017	.00015	50.59	.00027
#3	-.00015	.0345	.00443	-.00017	.00006	50.80	.00013
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	5.2472	.00035	10.581	-.0562	.2114	.00004
SDev	.00014	.0237	.00070	.058	.0051	.2164	.00021
%RSD	612.44	.45097	199.14	.54360	9.047	102.4	574.57
#1	-.00003	5.2269	-.00023	10.644	-.0596	.4562	.00028
#2	-.00008	5.2416	.00113	10.530	-.0586	.1324	-.00007
#3	.00018	5.2732	.00015	10.569	-.0503	.0456	-.00010
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00176	50.12	.00059	.00336	.00022	.00055	.00003
SDev	.00135	.26	.00000	.00015	.00020	.00015	.00037
%RSD	76.857	.5226	.29821	4.4143	92.495	27.300	1273.8
#1	.00290	49.81	.00059	.00353	.00045	.00071	.00044
#2	.00210	50.28	.00059	.00328	.00014	.00053	-.00008
#3	.00027	50.25	.00059	.00327	.00007	.00041	-.00028
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00247	-.00395	.00292	10.145	.00019	.00570	10.303
SDev	.00041	.00066	.00062	.045	.00125	.00137	.062
%RSD	16.809	16.772	21.335	.43995	671.68	24.094	.59707
#1	.00294	-.00462	.00356	10.100	-.00061	.00712	10.255
#2	.00225	-.00330	.00290	10.146	.00162	.00561	10.282
#3	.00220	-.00392	.00231	10.189	-.00045	.00438	10.373
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.353	-.00316	.00186	-.00351	.01006
SDev	.148	.00392	.00131	.00688	.00202
%RSD	1.4335	123.80	70.643	195.95	20.055
#1	10.182	-.00751	.00283	.00440	.00773
#2	10.438	.00011	.00238	-.00682	.01107
#3	10.440	-.00209	.00037	-.00812	.01137
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV6 Operator: CT
Run Time: 07/24/09 15:50:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25442	4.927	.51601	.51954	.51011	10.28	.51897
SDev	.00144	.025	.00388	.00274	.00259	.04	.00223
%RSD	.56391	.5016	.75112	.52742	.50836	.3798	.43050
#1	.25382	4.917	.51297	.51810	.50855	10.29	.51789
#2	.25338	4.909	.51469	.51782	.50867	10.24	.51749
#3	.25605	4.955	.52037	.52270	.51310	10.31	.52154
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51897	.51664	.51307	1.0334	10.83	10.29	.50769
SDev	.00231	.00203	.00217	.0048	.03	.04	.00243
%RSD	.44565	.39282	.42389	.46211	.3209	.4220	.47830
#1	.51770	.51758	.51187	1.0358	10.85	10.26	.50641
#2	.51757	.51431	.51177	1.0279	10.79	10.26	.50618
#3	.52164	.51803	.51558	1.0364	10.85	10.34	.51050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51714	10.18	.51588	.51235	.50377	.49289	.51489
SDev	.00368	.03	.00182	.00246	.00237	.00241	.00233
%RSD	.71243	.2853	.35294	.48018	.47052	.48795	.45173
#1	.51348	10.20	.51566	.51060	.50272	.49138	.51352
#2	.51710	10.14	.51418	.51129	.50211	.49162	.51356
#3	.52085	10.19	.51780	.51517	.50648	.49566	.51757
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51635	.51144	.51285	.51228	.50959	.50470	.50610
SDev	.00281	.00150	.00511	.00617	.00081	.00113	.00365
%RSD	.54473	.29249	.99640	1.2051	.15825	.22369	.72172
#1	.51461	.51083	.50702	.51893	.50948	.50601	.50983
#2	.51484	.51035	.51496	.51119	.51044	.50397	.50592
#3	.51959	.51314	.51657	.50673	.50884	.50414	.50253
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.51538	.50782	.51047	.51036	.50188	
SDev	.00745	.00246	.00088	.00102	.00034	
%RSD	1.4448	.48514	.17268	.19883	.06683	
#1	.52347	.50568	.51138	.51097	.50203	
#2	.51383	.51051	.51041	.50919	.50212	
#3	.50882	.50727	.50962	.51092	.50150	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB6 Operator: CT
Run Time: 07/24/09 15:54:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00083	-.0013	.00366	.00026	.00034	.0103	.00058
SDev	.00134	.0041	.00111	.00024	.00026	.0067	.00031
%RSD	161.83	317.7	30.348	94.474	75.885	65.47	53.125
#1	.00071	.0034	.00492	.00054	.00063	.0181	.00093
#2	-.00169	-.0039	.00324	.00012	.00022	.0069	.00038
#3	-.00150	-.0033	.00282	.00012	.00016	.0059	.00041

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	.00087	.00069	.00290	.0035	.0098	.00027
SDev	.00036	.00054	.00039	.00119	.0220	.0076	.00027
%RSD	31.498	61.747	56.751	41.226	629.2	77.01	99.643
#1	.00152	.00146	.00057	.00428	.0254	.0185	.00058
#2	.00080	.00040	.00038	.00219	-.0185	.0046	.00012
#3	.00111	.00076	.00113	.00222	.0036	.0064	.00011

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00202	.0080	-.00015	.00276	.00023	.00044	-.00027
SDev	.00051	.0049	.00098	.00076	.00027	.00044	.00093
%RSD	25.155	61.61	668.11	27.592	113.85	99.611	346.78
#1	.00244	.0137	.00096	.00251	.00054	.00094	.00080
#2	.00216	.0051	-.00052	.00216	.00011	.00014	-.00067
#3	.00145	.0052	-.00088	.00362	.00005	.00023	-.00093

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	.00031	.00747	.00112	.00064	.00173	.00369
SDev	.00032	.00031	.00062	.00085	.00087	.00062	.00477
%RSD	28.971	99.612	8.2449	75.880	136.61	35.732	129.04
#1	.00147	.00046	.00795	.00157	.00158	.00202	-.00134
#2	.00097	-.00005	.00677	.00164	.00050	.00102	.00427
#3	.00087	.00053	.00767	.00014	-.00015	.00216	.00814

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.00135	.00028	-.00225	.00347
SDev	.00346	.00251	.00248	.00896	.00398
%RSD	2050.2	185.56	873.72	398.11	114.72
#1	.00302	-.00046	.00259	.00698	.00029
#2	.00033	.00030	.00060	-.00282	.00219
#3	-.00386	.00422	-.00234	-.01091	.00793

Life Science Laboratories, Inc. - Brittonfield

ICAP-61E Analysis Run Log

Analysis Date: 07/27/09 **Lab Method:** KICAP

Standard #	Sample ID	Batch ID	DF	Method	Comment
	Profile	1.0 mg/L As			Vernier set: 616 Time: 9:00 am
	BLANK		1	6010B	RA
7875-S	BLANK		1		
7836-S	STD3		1		
7837-S	STD2		1		
7838-S	STD1		1		
7814-S	ICVH		1		
8101-S	ICV		1		
7839-S	CCV/IPC		1		
7835-S	ICB		1		
7842-S	CRI(PQL)		1		
8079-S	ICSA-INITIAL		1		
8100-S	ICSAB-INITIAL		1		
	MB-9762	9762	1		
	LCS-9762		1		
	0907072-038A		1		Pb > LR, D/R for Pb
	0907072-038AMS		1		
	0907072-038AMSD		1		
	0907072-038ASD		5		
	0907072-038APDS		1		
7841-S	CCVH1		1		
7839-S	CCV1		1		
7835-S	CCB1		1		
	0907072-039A	9762	1		
	0907072-040A		1		
	0907072-041A		1		
	0907072-042A		1		
	0907072-043A		1		
	0907072-044A		1		Pb > LR, D/R for Pb
	0907072-045A		1		
	0907072-046A		1		
	0907072-047A		1		
	0907072-048A		1		Mn > LR, D/R for Se
	CCVH2		1		
	CCV2		1		
	CCB2		1		
	0907072-049A	9762	1		P
	0907072-050A		1		Pb > LR, D/R for Pb
	0907072-051A		1		Fe, Pb > LR, D/R for all
	0907072-052A		1		Pb > LR, D/R for Pb
	0907072-053A		1		

N/A = Not Applicable, >LR = Greater than Linear Range, D/RA = Dilute and Reanalyze, RA = Reanalyze

Life Science Laboratories, Inc. - Brittonfield

ICAP-61E Analysis Run Log

Analysis Date: 07/27/09 **Lab Method:** KICAP

Standard #	Sample ID	Batch ID	DF	Method	Comment
	0907072-054A	9762	1	6010B	Pb > LR, D/R for Pb
	0907072-055A	↓	1		
	0907072-004A	9759	10		For all elements
	0907072-005A		10		↓
	0907072-007A	↓	5		For Pb only
	CCVH3		1		~~For Ba only~~ CT 7/28/09
	CCV3		1		
	CCB3		1		
	0907072-008A	9759	5		For Ba only
	0907072-009A	↓	5		For Pb only
	0907072-019A	9760	5		
	0907072-019AMS		5		
	0907072-019AMSD		5		
	0907072-019ASD		25		
	0907072-019APDS		5		
	0907072-034A		10		
	0907072-037A	↓	50		↓
	CCVH4		1		
	CCV4		1		
	CCB4		1		
	0907072-038A	9762	5		For Pb only
	0907072-038AMS		5		
	0907072-038AMSD		5		
	0907072-038ASD		25		
	0907072-038APDS		5		
	0907072-044A		5		
	0907072-045A		10		↓
	0907072-048A		5		For Se only
	0907072-050A		5		For Pb only
	0907072-051A	↓	5		For all elements
	CCVH5		1		
	CCV5		1		
	CCB5		1		
	0907072-052A	9762	10		For Pb only
	0907072-053A		10		
	0907072-054A	↓	5		↓
	ICSA-FINAL		1		
	ICSAB-FINAL		1		
	CCVH6		1		
	CCV6		1		
	CCB6		1	↓	

N/A = Not Applicable, >LR = Greater than Linear Range, D/RA = Dilute and Reanalyze, RA = Reanalyze

Life Science Laboratories, Inc. - Brittonfield

ICAP-61E Analysis Run Log

Analysis Date: 07/27/09 **Lab Method:** KICAP

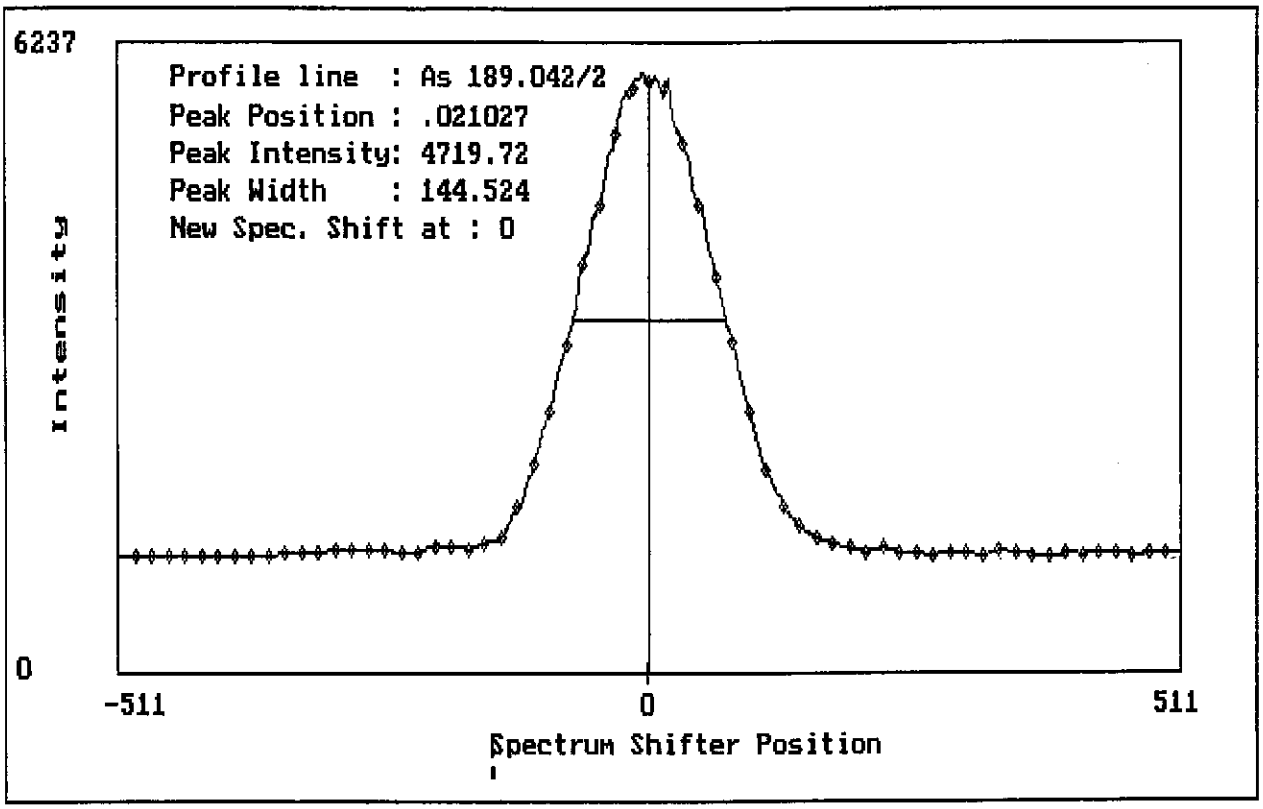
Standard #	Sample ID	Batch ID	DF	Method	Comment

Analyst: Cang Tran Date: 7/28/09

Reviewer: [illegible] Date: 7/29/09

Print Date: 7/28/09

N/A = Not Applicable, >LR = Greater than Linear Range, D/RA = Dilute and Reanalyze, RA = Reanalyze


6237
Profile line : As 189.042/2
Peak Position : .021027
Peak Intensity: 4719.72
Peak Width : 144.524
New Spec. Shift at : 0
Intensity
0
-511
0
511
Spectrum Shifter Position

CT
7/28/09

Method: KICAP Standard: BLANK
Run Time: 07/27/09 09:36:53

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Ca
Avge	-.02565	1.455	5.1704	.28286	.68699	1.724	2.330
SDev	.06558	.008	.0321	.00100	.00923	.010	.009
%RSD	255.64	.5494	.62131	.35336	1.3440	.5883	.3868
#1	.01899	1.455	5.1864	.28386	.69765	1.726	2.339
#2	-.10095	1.447	5.1334	.28186	.68166	1.713	2.321
#3	.00500	1.463	5.1914	.28286	.68166	1.733	2.331

Elem	Cd2265	Co2286	Cr	Cr	Cu3247	Fe	Fe
Avge	56.801	5.6718	9.5149	10.450	.02999	2.0506	14.545
SDev	.322	.0303	.0551	.041	.01153	.0139	.069
%RSD	.56765	.53344	.57921	.39670	38.442	.67596	.47440
#1	57.045	5.6672	9.5052	10.463	.03898	2.0470	14.588
#2	56.436	5.6442	9.4653	10.404	.01699	2.0390	14.466
#3	56.923	5.7041	9.5742	10.484	.03398	2.0660	14.583

Elem	K_7664	Mg2790	Mn2576	Mo2020	Na	Na	Ni2316
Avge	22.00	1.397	1.9450	.03032	5.018	15.02	-.01199
SDev	.09	.006	.0087	.01685	.026	.12	.00700
%RSD	.4168	.4192	.44503	55.590	.5195	.7919	58.333
#1	22.01	1.401	1.9500	.04198	5.011	15.09	-.00700
#2	21.91	1.390	1.9350	.01099	4.996	14.88	-.01999
#3	22.09	1.399	1.9500	.03798	5.046	15.08	-.00900

Elem	Sn1899	Sr4215	Ti3349	V_2924	Zn2138	As1890	Tl1908
Avge	7.4196	1.0135	.85557	-.01066	.03465	.07863	19.736
SDev	.0350	.0080	.00436	.02808	.00757	.08316	.099
%RSD	.47174	.78895	.50921	263.39	21.842	105.77	.50365
#1	7.4183	1.0215	.85857	.01599	.03998	.15042	19.820
#2	7.3853	1.0055	.85057	-.03998	.02599	-.01249	19.626
#3	7.4553	1.0135	.85757	-.00800	.03798	.09795	19.761

Elem	2203/1	2203/2	Pb	1960/1	1960/2	2068/1	2068/2
Avge	1.8624	-.68632	12.752	.21722	.08696	-.36115	.45111
SDev	2.0781	1.28126	.069	.31491	.11852	.53181	.26643
%RSD	111.58	186.68	.53799	144.97	136.30	147.25	59.062
#1	-.25387	.53773	12.747	-.09395	.20290	.20790	.20290
#2	3.9001	-2.0180	12.686	.53573	-.03398	-.84558	.73263
#3	1.9410	-.57871	12.823	.20990	.09195	-.44578	.41779

CT
7/28/09

Method: KICAP Standard: STD3
Run Time: 07/27/09 09:40:27

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Avge	31.403	18.81	54.229	13.579	193.89	309.3	3024.5
SDev	.049	.03	.094	.022	.21	.3	2.5
%RSD	.15751	.1532	.17249	.16464	.11075	.0826	.08384
#1	31.378	18.79	54.161	13.574	194.01	309.3	3025.3
#2	31.371	18.81	54.191	13.559	193.64	309.1	3021.7
#3	31.460	18.84	54.336	13.603	194.02	309.6	3026.6

Elem	Co2286	Cr	Cu3247	Fe	Mg2790	Mn2576	Mo2020
Avge	65.654	137.32	20.528	434.43	48.93	150.00	20.574
SDev	.065	.14	.036	.50	.01	.14	.099
%RSD	.09906	.10133	.17575	.11447	.0281	.09376	.48338
#1	65.700	137.34	20.514	434.74	48.92	150.10	20.475
#2	65.579	137.17	20.501	433.86	48.92	149.84	20.574
#3	65.681	137.45	20.569	434.70	48.94	150.06	20.674

Elem	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924	Zn2138
Avge	1009.	13.026	41.738	128.00	21.198	29.966	39.591
SDev	2.	.008	.073	.16	.020	.043	.041
%RSD	.1942	.05810	.17383	.12714	.09203	.14425	.10293
#1	1007.	13.029	41.821	128.09	21.197	29.961	39.602
#2	1011.	13.017	41.685	127.81	21.179	29.926	39.545
#3	1009.	13.031	41.709	128.09	21.218	30.012	39.624

Elem	As1890	Tl1908	2203/1	2203/2	1960/1	1960/2	2068/1
Avge	133.46	85.170	529.09	483.04	66.960	78.564	88.107
SDev	.13	.148	1.25	6.38	.456	1.151	1.535
%RSD	.09907	.17350	.23542	1.3198	.68150	1.4655	1.7418
#1	133.52	85.008	529.76	482.52	66.808	78.219	87.998
#2	133.31	85.298	527.65	489.66	66.600	79.848	89.693
#3	133.55	85.203	529.86	476.94	67.473	77.624	86.630

Elem	2068/2
Avge	118.51
SDev	.50
%RSD	.42596
#1	118.23
#2	118.21
#3	119.10

Method: KICAP Standard: STD2
Run Time: 07/27/09 09:43:56

Elem	Ca	Cr	Fe	Na	Pb
Avge	176.6	43.856	26.482	24.29	88.026
SDev	.9	.148	.082	.03	.084
%RSD	.4955	.33730	.30952	.1078	.09516
#1	177.0	43.884	26.481	24.31	88.034
#2	177.3	43.988	26.565	24.30	88.105
#3	175.6	43.696	26.401	24.26	87.938

Method: KICAP Standard: STD1
Run Time: 07/27/09 09:45:58

Elem	K_7664
Avge	67.64
SDev	.07
%RSD	.1066
#1	67.65
#2	67.57
#3	67.71

Method: KICAP Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD3	BLANK	.015889	.000408	07/27/09 09:45:58
Al3082	308.215	STD3	BLANK	1.28465	.437993	07/27/09 09:45:58
B_2496	249.678	STD3	BLANK	.020613	-.106579	07/27/09 09:45:58
Ba4934	493.409	STD3	BLANK	.075211	-.021274	07/27/09 09:45:58
Be3130	313.042	STD3	BLANK	.005177	-.003557	07/27/09 09:45:58
Ca	317.933	STD3	BLANK	.065155	-.151823	07/27/09 09:45:58
Ca	370.603	STD2	BLANK	1.19791	-.138984	07/27/09 09:45:58
Cd2265	226.502	STD3	BLANK	.000337	-.019150	07/27/09 09:45:58
Co2286	228.616	STD3	BLANK	.016680	-.094606	07/27/09 09:45:58
Cr	267.716	STD3	BLANK	.007887	-.082419	07/27/09 09:45:58
Cr	298.919	STD2	BLANK	.353772	2.03719	07/27/09 09:45:58
Cu3247	324.753	STD3	BLANK	.048775	-.001463	07/27/09 09:45:58
Fe	271.441	STD2	BLANK	1.23387	-.716801	07/27/09 09:45:58
Fe	259.940	STD3	BLANK	.004768	-.069352	07/27/09 09:45:58
K_7664	766.491	STD1	BLANK	2.85454	-36.8529	07/27/09 09:45:58
Mg2790	279.078	STD3	BLANK	1.22848	-.384483	07/27/09 09:45:58
Mn2576	257.610	STD3	BLANK	.006757	-.013143	07/27/09 09:45:58
Mo2020	202.030	STD3	BLANK	.048680	-.001476	07/27/09 09:45:58
Na	588.995	STD3	BLANK	.772458	-7.07269	07/27/09 09:45:58
Na	330.232	STD2	BLANK	1.18046	2.86192	07/27/09 09:45:58
Ni2316	231.604	STD3	BLANK	.076609	.000919	07/27/09 09:45:58
Sn1899	189.989	STD3	BLANK	.029224	-.216830	07/27/09 09:45:58
Sr4215	421.552	STD3	BLANK	.007876	-.007982	07/27/09 09:45:58
Ti3349	334.941	STD3	BLANK	.049212	-.042105	07/27/09 09:45:58
V_2924	292.402	STD3	BLANK	.033312	.000355	07/27/09 09:45:58
Zn2138	213.856	STD3	BLANK	.025403	-.000880	07/27/09 09:45:58
As1890	189.042	STD3	BLANK	.007465	-.000587	07/27/09 09:45:58
Tl1908	190.864	STD3	BLANK	.015537	-.306641	07/27/09 09:45:58
Pb	220.353	NONE	NONE	1.00000	.000000	*07/27/09 09:45:58
Se1960	196.026	NONE	NONE	1.00000	.000000	*07/27/09 09:45:58
Sb2068	206.838	NONE	NONE	1.00000	.000000	*07/27/09 09:45:58
2203/1	220.351	STD3	BLANK	.001911	-.003559	07/27/09 09:45:58
2203/2	220.352	STD3	BLANK	.002058	.001412	07/27/09 09:45:58
Pb	405.782	STD2	BLANK	1.19796	-.713934	07/27/09 09:45:58
1960/1	196.021	STD3	BLANK	.014991	-.003256	07/27/09 09:45:58
1960/2	196.022	STD3	BLANK	.012737	-.001108	07/27/09 09:45:58
2068/1	206.831	STD3	BLANK	.011291	.004078	07/27/09 09:45:58
2068/2	206.832	STD3	BLANK	.008470	-.003821	07/27/09 09:45:58

Method: KICAP Sample Name: ICVH Operator: CT
Run Time: 07/27/09 09:52:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	.0048	.00213	-.00013	-.00004	49.87	-.00016
SDev	.00029	.0045	.00038	.00009	.00000	.29	.00003
%RSD	34.959	93.50	17.936	69.279	6.4245	.5766	20.911
#1	.00061	.0071	.00224	-.00008	-.00005	49.68	-.00015
#2	.00115	.0077	.00245	-.00008	-.00004	49.72	-.00014
#3	.00071	-.0004	.00171	-.00023	-.00004	50.20	-.00020
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value						50.00	
Range						10.00	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	5.0880	.00047	10.305	-.0104	.0044	-.00014
SDev	.00028	.0293	.00042	.068	.0173	.0004	.00003
%RSD	54.648	.57522	90.541	.66208	165.5	10.19	20.710
#1	-.00082	5.0644	.00017	10.252	-.0138	.0040	-.00013
#2	-.00040	5.0789	.00095	10.282	.0083	.0049	-.00012
#3	-.00029	5.1208	.00028	10.382	-.0258	.0044	-.00017
Errors	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK
Value		5.0000		10.000			
Range		10.000		10.000			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	48.77	.00099	-.00196	.00006	.00069	.00052
SDev	.00083	.17	.00035	.00109	.00001	.00016	.00020
%RSD	194.85	.3544	35.311	55.802	22.613	23.995	39.368
#1	-.00132	48.81	.00061	-.00070	.00006	.00067	.00048
#2	.00033	48.58	.00107	-.00254	.00007	.00086	.00075
#3	-.00030	48.92	.00130	-.00263	.00005	.00053	.00034
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value		50.00					
Range		10.00					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	-.00211	-.00288	10.093	-.00052	-.00024	10.189
SDev	.00006	.00030	.00141	.057	.00150	.00083	.040
%RSD	14.565	14.125	48.959	.56112	287.01	349.44	.39188
#1	-.00039	-.00190	-.00406	10.065	.00064	-.00119	10.169
#2	-.00032	-.00199	-.00326	10.055	.00000	.00018	10.163
#3	-.00043	-.00246	-.00132	10.158	-.00221	.00030	10.235
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK

Value				10.000	
Range				10.000	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.118	-.00229	.00036	-.00156	.00018
SDev	.154	.00267	.00108	.00098	.00105
%RSD	1.5240	116.65	298.98	62.822	595.78
#1	9.9420	.00043	.00075	-.00213	-.00072
#2	10.181	-.00240	.00120	-.00213	.00133
#3	10.230	-.00491	-.00086	-.00043	-.00008
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

Method: KICAP Sample Name: ICV Operator: CT
Run Time: 07/27/09 09:56:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04792	.9820	.49380	.19086	.19810	9.622	.19436
SDev	.00039	.0121	.00068	.00015	.00044	.042	.00053
%RSD	.82290	1.237	.13768	.07878	.21972	.4374	.27216
#1	.04749	.9707	.49416	.19102	.19848	9.661	.19461
#2	.04798	.9805	.49422	.19086	.19820	9.628	.19473
#3	.04827	.9949	.49302	.19071	.19762	9.577	.19376
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.05000	1.000	.50000	.20000	.20000	10.00	.20000
Range	10.000	10.00	10.000	10.000	10.000	10.00	10.000

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19606	.19764	.19836	.98887	10.13	9.795	.19796
SDev	.00114	.00140	.00095	.00324	.06	.031	.00042
%RSD	.58012	.70818	.47754	.32748	.5471	.3176	.21009
#1	.19658	.19888	.19858	.99220	10.12	9.809	.19836
#2	.19683	.19791	.19917	.98870	10.20	9.817	.19800
#3	.19475	.19612	.19732	.98573	10.09	9.760	.19753
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.20000	.20000	.20000	1.0000		10.00	.20000
Range	10.000	10.000	10.000	10.000		10.00	10.000

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19652	9.513	.19855	.19884	.19535	.20510	.19893
SDev	.00128	.018	.00093	.00084	.00030	.00040	.00023
%RSD	.65054	.1906	.46991	.42421	.15087	.19311	.11562
#1	.19508	9.510	.19901	.19870	.19568	.20516	.19906
#2	.19751	9.532	.19917	.19975	.19526	.20546	.19906
#3	.19698	9.496	.19748	.19808	.19512	.20467	.19866
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.20000	10.00	.20000	.20000	.20000	.20000	.20000
Range	10.000	10.00	10.000	10.000	10.000	10.000	10.000

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20029	.19844	.19348	.20210	.19256	.20740	.19999
SDev	.00056	.00126	.00341	.00105	.00052	.00078	.00460
%RSD	.27708	.63392	1.7608	.52018	.27060	.37468	2.3024
#1	.20086	.19862	.19008	.20329	.19196	.20696	.20336
#2	.20027	.19961	.19689	.20167	.19289	.20694	.20187
#3	.19975	.19711	.19347	.20133	.19284	.20830	.19474
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK

Value	.20000	.20000	.20000	.20000	.20000	.20000
Range	10.000	10.000	10.000	10.000	10.000	10.000
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.20315	.19243	.19263	.20536	.20892	
SDev	.00153	.00421	.00233	.00596	.00114	
%RSD	.75221	2.1876	1.2092	2.9013	.54815	
#1	.20326	.19329	.19130	.20364	.20862	
#2	.20157	.19614	.19127	.20044	.21019	
#3	.20462	.18786	.19532	.21198	.20796	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
Value						
Range						

Method: KICAP Sample Name: CCV/IPC Operator: CT
Run Time: 07/27/09 10:00:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24974	5.039	.50086	.50178	.49784	9.784	.50304
SDev	.00070	.010	.00156	.00158	.00121	.014	.00103
%RSD	.28077	.2044	.31109	.31461	.24296	.1428	.20509
#1	.24940	5.029	.49958	.50065	.49672	9.771	.50197
#2	.24928	5.037	.50040	.50110	.49766	9.782	.50312
#3	.25055	5.049	.50259	.50358	.49912	9.799	.50403
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.25000	5.000	.50000	.50000	.50000	10.00	.50000
Range	5.0000	5.000	5.0000	5.0000	5.0000	5.000	5.0000

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50203	.49978	.50237	.98721	10.67	10.01	.50135
SDev	.00132	.00106	.00181	.00211	.03	.02	.00103
%RSD	.26302	.21305	.36136	.21394	.2869	.2311	.20515
#1	.50052	.49858	.50102	.98496	10.67	9.984	.50040
#2	.50258	.50016	.50166	.98752	10.71	10.02	.50123
#3	.50299	.50060	.50444	.98914	10.65	10.03	.50244
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	1.0000		10.00	.50000
Range	5.0000	5.0000	5.0000	5.0000		5.000	5.0000

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50266	9.876	.50250	.49427	.50185	.50248	.50053
SDev	.00342	.016	.00087	.00061	.00120	.00167	.00106
%RSD	.68121	.1621	.17323	.12452	.23840	.33271	.21089
#1	.49891	9.865	.50212	.49487	.50103	.50082	.49975
#2	.50344	9.895	.50189	.49364	.50130	.50244	.50009
#3	.50563	9.869	.50350	.49431	.50322	.50416	.50173
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	10.00	.50000	.50000	.50000	.50000	.50000
Range	5.0000	5.000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50543	.49967	.49704	.49978	.49311	.49933	.50271
SDev	.00156	.00054	.00208	.00345	.00307	.00266	.00283
%RSD	.30918	.10733	.41753	.69016	.62307	.53335	.56285
#1	.50402	.49906	.49476	.49665	.49105	.49653	.50119
#2	.50516	.49985	.49882	.50348	.49664	.50183	.50597
#3	.50711	.50009	.49753	.49922	.49165	.49964	.50096
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK

Value	.50000	.50000	.50000	.50000	.50000	.50000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.49832	.49878	.49028	.49409	.50170	
SDev	.00393	.00053	.00483	.00613	.00172	
%RSD	.78786	.10728	.98431	1.2407	.34207	
#1	.49438	.49936	.48690	.48719	.50194	
#2	.50223	.49831	.49581	.49892	.50329	
#3	.49835	.49866	.48815	.49616	.49988	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
Value						
Range						

Method: KICAP Sample Name: ICB Operator: CT
Run Time: 07/27/09 10:04:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00109	.0083	.00020	-.00005	.00002	-.0006	-.00003
SDev	.00011	.0017	.00049	.00004	.00011	.0023	.00007
%RSD	10.243	19.94	242.86	86.588	564.03	414.8	246.15
#1	.00120	.0093	.00076	-.00000	.00014	.0021	.00004
#2	.00108	.0064	-.00010	-.00008	-.00002	-.0013	-.00002
#3	.00098	.0093	-.00006	-.00008	-.00006	-.0024	-.00011

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	-.00077	.00067	-.00116	-.0114	-.0021	-.00011
SDev	.00006	.00008	.00065	.00014	.0053	.0010	.00010
%RSD	7.5785	10.442	97.185	11.804	46.32	46.69	98.098
#1	-.00071	-.00074	.00029	-.00100	-.0157	-.0010	.00001
#2	-.00078	-.00071	.00029	-.00125	-.0130	-.0027	-.00016
#3	-.00083	-.00086	.00141	-.00122	-.0055	-.0027	-.00018

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00097	-.0016	.00061	-.00340	-.00003	-.00023	.00087
SDev	.00058	.0012	.00026	.00132	.00011	.00003	.00032
%RSD	59.649	76.20	43.375	38.772	370.27	12.390	36.807
#1	.00057	-.0002	.00046	-.00477	.00009	-.00025	.00092
#2	.00071	-.0021	.00092	-.00328	-.00009	-.00020	.00116
#3	.00164	-.0026	.00046	-.00214	-.00009	-.00025	.00052

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.00053	-.00167	.00071	-.00002	-.00162	-.00287
SDev	.00009	.00100	.00083	.00038	.00163	.00096	.00314
%RSD	63.024	188.43	49.631	53.708	7301.3	59.087	109.20
#1	-.00004	.00110	-.00259	.00102	.00157	-.00271	-.00428
#2	-.00022	-.00063	-.00143	.00083	.00005	-.00123	-.00506
#3	-.00017	.00112	-.00099	.00028	-.00168	-.00092	.00072

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00250	.00001	-.00004	.00240	-.00238
SDev	.00211	.00268	.00288	.00418	.00288
%RSD	84.347	26091.	7458.0	173.90	121.00
#1	.00366	.00143	.00164	.00201	-.00357
#2	.00378	-.00308	.00160	.00677	-.00447
#3	.00007	.00167	-.00336	-.00157	.00090

Method: KICAP Sample Name: CRI(PQL) Operator: CT
Run Time: 07/27/09 10:11:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01068	.1111	.04155	.09981	.00998	.9563	.00882
SDev	.00068	.0029	.00037	.00077	.00009	.0083	.00013
%RSD	6.3792	2.646	.89670	.77302	.87128	.8709	1.5061
#1	.00990	.1143	.04173	.10066	.01007	.9654	.00892
#2	.01119	.1103	.04179	.09960	.00996	.9547	.00888
#3	.01094	.1086	.04112	.09915	.00990	.9489	.00867

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05092	.01044	.01065	.05106	4.190	1.055	.05150
SDev	.00060	.00032	.00045	.00046	.025	.010	.00043
%RSD	1.1831	3.0244	4.2544	.90973	.5932	.9768	.82971
#1	.05135	.01046	.01117	.05145	4.209	1.066	.05195
#2	.05118	.01074	.01044	.05117	4.200	1.054	.05145
#3	.05023	.01011	.01034	.05054	4.162	1.045	.05110

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04958	.8761	.05259	.05009	.05028	.05215	.05071
SDev	.00045	.0044	.00028	.00065	.00039	.00031	.00028
%RSD	.91181	.5080	.52634	1.2938	.77958	.58835	.55890
#1	.04995	.8812	.05282	.04990	.05072	.05239	.05060
#2	.04971	.8744	.05267	.05081	.05016	.05225	.05104
#3	.04908	.8727	.05228	.04955	.04997	.05180	.05050

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02087	.00992	.02157	.01013	.00797	.06131	.00633
SDev	.00018	.00085	.00147	.00058	.00052	.00076	.00408
%RSD	.85655	8.5651	6.7992	5.6886	6.5172	1.2355	64.493
#1	.02103	.00970	.02220	.01076	.00808	.06200	.01096
#2	.02091	.01086	.02262	.01000	.00842	.06050	.00478
#3	.02068	.00920	.01989	.00963	.00740	.06144	.00325

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01203	.00497	.00946	.06494	.05951
SDev	.00119	.00295	.00106	.00606	.00391
%RSD	9.8763	59.269	11.246	9.3374	6.5731
#1	.01067	.00777	.00824	.05804	.06398
#2	.01261	.00524	.01001	.06736	.05782
#3	.01282	.00190	.01015	.06941	.05672

Method: KICAP Sample Name: ICSA-INITIAL Operator: CT
Run Time: 07/27/09 10:15:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	430.5	.00081	-.00151	-.00001	493.8	.00009
SDev	.00064	1.2	.00062	.00009	.00001	3.4	.00014
%RSD	81.867	.2785	75.744	5.7021	97.810	.6870	149.24
#1	.00141	431.4	.00153	-.00141	.00000	497.6	.00025
#2	.00079	430.9	.00046	-.00156	-.00002	491.3	-.00001
#3	.00014	429.1	.00046	-.00156	-.00002	492.4	.00004
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value		500.0				500.0	
Range		20.00				20.00	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00093	-.00069	-.00119	182.93	-.2972	471.2	.00002
SDev	.00046	.00038	.00073	1.37	.0245	4.7	.00004
%RSD	49.116	55.123	61.065	.74851	8.241	.9963	194.94
#1	-.00041	-.00025	-.00081	184.50	-.2715	476.6	.00007
#2	-.00116	-.00091	-.00073	181.97	-.2999	468.4	-.00002
#3	-.00123	-.00090	-.00203	182.32	-.3203	468.5	.00001
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.0	
Range				20.000		20.00	

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00182	-.0200	.00074	.00660	-.00045	-.00120	.00049
SDev	.00156	.0014	.00012	.00148	.00004	.00009	.00049
%RSD	86.091	7.062	16.287	22.419	7.7847	7.7704	99.654
#1	-.00002	-.0184	.00061	.00803	-.00042	-.00111	.00091
#2	-.00284	-.0204	.00084	.00508	-.00045	-.00121	.00062
#3	-.00259	-.0212	.00078	.00669	-.00049	-.00130	-.00005
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00072	.01119	.00295	.00223	-.00220	.02241
SDev	.00014	.00221	.00096	.00053	.00187	.00150	.00042
%RSD	172.36	306.47	8.5451	18.055	83.995	68.165	1.8711
#1	.00011	.00325	.01176	.00234	.00144	-.00055	.02286
#2	.00020	-.00023	.01172	.00334	.00088	-.00349	.02203
#3	-.00007	-.00086	.01009	.00318	.00437	-.00255	.02234
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value
Range

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00676	-.00054	.00361	.00184	-.00396
SDev	.00100	.00405	.00456	.00538	.00304
%RSD	14.859	751.85	126.20	292.58	76.814
#1	-.00790	.00355	.00038	-.00114	-.00101
#2	-.00600	-.00060	.00163	-.00139	-.00378
#3	-.00639	-.00456	.00883	.00805	-.00709
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value
Range

Method: KICAP Sample Name: ICSAB-INITIAL Operator: CT
Run Time: 07/27/09 10:19:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19024	421.4	.47794	.46039	.46774	485.2	.87957
SDev	.00147	2.6	.00303	.00222	.00233	2.7	.00432
%RSD	.77156	.6284	.63445	.48132	.49910	.5626	.49126
#1	.18918	420.0	.47540	.45897	.46622	483.8	.87665
#2	.19192	424.4	.48130	.46295	.47043	488.4	.88454
#3	.18963	419.7	.47711	.45927	.46657	483.5	.87754
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.20000	500.0	.50000	.50000	.50000	500.0	1.0000
Range	20.000	20.00	20.000	20.000	20.000	20.00	20.000

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44613	.45069	.49839	180.22	7.212	462.0	.45856
SDev	.00234	.00231	.00325	.92	.053	2.5	.00210
%RSD	.52528	.51376	.65248	.51272	.7417	.5511	.45790
#1	.44483	.44938	.49697	179.65	7.187	460.6	.45730
#2	.44884	.45336	.50211	181.29	7.273	465.0	.46098
#3	.44473	.44932	.49609	179.73	7.175	460.5	.45739
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	200.00		500.0	.50000
Range	20.000	20.000	20.000	20.000		20.00	20.000

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45498	1.125	.88717	.46156	.45374	.46613	.46380
SDev	.00352	.007	.00508	.00296	.00207	.00239	.00234
%RSD	.77312	.5844	.57266	.64125	.45707	.51325	.50503
#1	.45216	1.122	.88250	.45926	.45238	.46479	.46210
#2	.45892	1.133	.89258	.46490	.45613	.46889	.46647
#3	.45386	1.121	.88641	.46052	.45271	.46470	.46283
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000		1.0000	.50000	.50000	.50000	.50000
Range	20.000		20.000	20.000	20.000	20.000	20.000

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97657	.09903	.10257	.04648	.05002	.59816	.07485
SDev	.00515	.00265	.00156	.00141	.00059	.00411	.00683
%RSD	.52731	2.6779	1.5248	3.0412	1.1797	.68680	9.1198
#1	.97363	.09841	.10142	.04487	.04974	.59348	.08265
#2	.98251	.10194	.10435	.04751	.05069	.60120	.07001
#3	.97356	.09674	.10194	.04705	.04961	.59979	.07188
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK

Value	1.0000	.10000	.10000	.05000	.05000	.60000
Range	20.000	20.000	20.000	20.000	20.000	20.000
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.03231	.05175	.04915	.58673	.60461	
SDev	.00553	.00587	.00323	.01875	.00325	
%RSD	17.103	11.351	6.5707	3.1948	.53808	
#1	.02600	.05838	.04543	.56636	.60702	
#2	.03628	.04966	.05121	.60326	.60091	
#3	.03466	.04721	.05082	.59055	.60591	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
Value						
Range						

Method: KICAP Sample Name: MB-9762 Operator: CT
Run Time: 07/27/09 10:30:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	-.0008	-.00017	.00003	-.00008	-.0029	-.00014
SDev	.00097	.0022	.00043	.00004	.00001	.0003	.00006
%RSD	112.66	263.5	249.82	173.19	14.005	9.252	43.489
#1	.00187	.0007	.00014	.00008	-.00006	-.0031	-.00009
#2	-.00007	-.0033	-.00066	.00000	-.00008	-.0030	-.00021
#3	.00079	.0001	.00000	.00000	-.00008	-.0026	-.00013

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00083	-.00033	.00016	.00405	.0046	.0100	-.00001
SDev	.00029	.00021	.00038	.00014	.0161	.0021	.00001
%RSD	34.912	64.573	232.83	3.5101	347.9	20.75	110.21
#1	-.00091	-.00036	.00059	.00420	.0192	.0112	-.00000
#2	-.00108	-.00053	-.00015	.00402	-.0126	.0076	-.00001
#3	-.00051	-.00011	.00005	.00392	.0073	.0112	-.00002

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00114	.0045	.00071	-.00300	.00001	-.00003	.00041
SDev	.00072	.0009	.00069	.00103	.00003	.00006	.00048
%RSD	63.133	19.60	96.201	34.450	622.46	174.22	117.22
#1	-.00036	.0053	.00115	-.00217	.00003	.00000	.00095
#2	-.00177	.0036	-.00008	-.00416	-.00003	-.00010	.00005
#3	-.00128	.0046	.00107	-.00267	.00002	.00000	.00022

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00325	-.00067	-.00302	.00354	-.00187	-.00207	.00093
SDev	.00019	.00063	.00126	.00014	.00184	.00094	.00086
%RSD	5.8234	93.363	41.929	3.8840	98.339	45.573	92.803
#1	.00338	-.00025	-.00309	.00367	-.00289	-.00101	.00031
#2	.00303	-.00139	-.00425	.00357	.00025	-.00236	.00191
#3	.00333	-.00037	-.00172	.00340	-.00297	-.00283	.00056

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00485	-.00312	-.00125	-.00044	-.00288
SDev	.00047	.00318	.00140	.00005	.00038
%RSD	9.7976	101.95	112.64	10.655	13.244
#1	.00534	-.00594	-.00137	-.00041	-.00281
#2	.00440	.00033	.00022	-.00050	-.00329
#3	.00482	-.00374	-.00258	-.00042	-.00254

Method: KICAP Sample Name: LCS-9762 Operator: CT
Run Time: 07/27/09 10:33:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04934	.9949	.49565	.19913	.20443	9.781	.20204
SDev	.00018	.0042	.00259	.00069	.00050	.030	.00034
%RSD	.36219	.4233	.52263	.34598	.24612	.3027	.16897
#1	.04945	.9917	.49266	.19853	.20388	9.747	.20164
#2	.04913	.9933	.49704	.19989	.20486	9.804	.20223
#3	.04943	.9997	.49725	.19898	.20456	9.791	.20224

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20348	.20483	.20665	1.0193	10.61	10.09	.20438
SDev	.00017	.00037	.00027	.0032	.02	.02	.00057
%RSD	.08623	.18006	.13000	.31808	.1952	.1510	.28135
#1	.20330	.20443	.20639	1.0156	10.60	10.07	.20375
#2	.20365	.20517	.20663	1.0217	10.63	10.10	.20487
#3	.20350	.20488	.20692	1.0207	10.59	10.09	.20451

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20158	9.732	.20673	.20316	.20176	.21125	.20530
SDev	.00186	.035	.00042	.00178	.00072	.00064	.00028
%RSD	.92173	.3639	.20405	.87397	.35619	.30481	.13633
#1	.19956	9.724	.20630	.20228	.20108	.21066	.20499
#2	.20199	9.771	.20676	.20199	.20251	.21194	.20539
#3	.20320	9.701	.20714	.20520	.20169	.21115	.20553

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21126	.20565	.20001	.21272	.19618	.21179	.21113
SDev	.00047	.00074	.00310	.00073	.00110	.00140	.00185
%RSD	.22481	.36060	1.5508	.34283	.55869	.66333	.87833
#1	.21088	.20490	.19695	.21189	.19498	.21295	.21007
#2	.21179	.20567	.19992	.21329	.19645	.21023	.21004
#3	.21110	.20639	.20315	.21297	.19712	.21219	.21327

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.21351	.19844	.19506	.21061	.21164
SDev	.00121	.00315	.00019	.00092	.00210
%RSD	.56694	1.5898	.10009	.43536	.99082
#1	.21280	.19512	.19491	.21156	.21216
#2	.21491	.19881	.19528	.21054	.20933
#3	.21282	.20140	.19498	.20973	.21343

Method: KICAP Sample Name: 0907072-038A Operator: CT
Run Time: 07/27/09 10:37:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00975	99.00	.05660	1.5584	.00581	122.0	.02763
SDev	.00039	.59	.00042	.0102	.00004	.9	.00028
%RSD	3.9582	.5910	.74712	.65619	.73456	.7662	1.0189
#1	.00964	98.67	.05653	1.5528	.00581	121.4	.02749
#2	.00943	98.66	.05621	1.5522	.00578	121.5	.02745
#3	.01018	99.68	.05705	1.5702	.00586	123.1	.02796

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05230	.15831	7.2507	293.56	19.13	27.75	2.9534
SDev	.00088	.00157	.0483	2.34	.11	.23	.0211
%RSD	1.6849	.99370	.66671	.79654	.5984	.8269	.71353
#1	.05151	.15706	7.2250	292.06	19.05	27.60	2.9403
#2	.05215	.15778	7.2206	292.37	19.09	27.65	2.9422
#3	.05325	.16007	7.3064	296.25	19.26	28.02	2.9777

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00601	.9391	.48379	.13760	.70812	1.7239	.20986
SDev	.00076	.0051	.00444	.00177	.00460	.0132	.00173
%RSD	12.729	.5386	.91813	1.2870	.64971	.76428	.82337
#1	.00586	.9370	.48029	.13614	.70515	1.7159	.20876
#2	.00533	.9354	.48229	.13710	.70579	1.7168	.20896
#3	.00683	.9449	.48879	.13957	.71342	1.7391	.21185

Elem	Zn2138	As1890	Tl1908	Pb ✓	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.540	.18720	-.01719	247.16	.01858	3.3283	S13.793
SDev	.072	.00238	.00133	1.85	.00030	.0094	.007
%RSD	.68506	1.2709	7.7540	.75023	1.6437	.28367	.05023
#1	10.498	.18588	-.01765	246.04	.01827	3.3356	S13.787
#2	10.499	.18578	-.01823	246.15	.01888	3.3316	S13.800
#3	10.624	.18995	-.01569	249.30	.01860	3.3176	S13.790

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S14.123	.01959	.01808	3.3032	3.3407
SDev	.012	.00341	.00149	.0281	.0204
%RSD	.08479	17.415	8.2602	.85020	.61176
#1	S14.124	.01915	.01783	3.3243	3.3427
#2	S14.110	.02321	.01672	3.2713	3.3602
#3	S14.134	.01643	.01968	3.3140	3.3194

Method: KICAP Sample Name: 0907072-038AMS Operator: CT
Run Time: 07/27/09 10:41:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10639	109.8	.96348	1.8551	.40005	154.9	.40496
SDev	.00032	.5	.00646	.0135	.00271	.9	.00211
%RSD	.30109	.4490	.67026	.72515	.67744	.5662	.52065
#1	.10675	109.7	.96086	1.8531	.39933	154.7	.40406
#2	.10613	110.3	.97083	1.8695	.40304	155.8	.40737
#3	.10629	109.3	.95874	1.8428	.39777	154.1	.40346

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43561	.54910	6.8061	259.44	53.80	47.85	3.0853
SDev	.00189	.00285	.0518	1.62	.01	.20	.0194
%RSD	.43441	.51875	.76138	.62356	.0188	.4202	.62833
#1	.43488	.54802	6.8019	258.97	53.81	47.77	3.0818
#2	.43776	.55233	6.8598	261.24	53.81	48.08	3.1062
#3	.43419	.54695	6.7564	258.11	53.79	47.70	3.0679

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38215	22.65	.84738	.50351	1.0590	2.1115	.60397
SDev	.00237	.12	.00463	.00119	.0076	.0136	.00315
%RSD	.61969	.5141	.54659	.23636	.71809	.64597	.52156
#1	.38004	22.62	.84546	.50298	1.0582	2.1085	.60362
#2	.38471	22.55	.85266	.50487	1.0670	2.1264	.60728
#3	.38170	22.78	.84401	.50268	1.0518	2.0996	.60101

Elem	Zn2138	As1890	Tl1908	Pb ✓	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.734	.58073	.34370	221.27	.38958	4.2978	S13.863
SDev	.055	.00410	.00386	1.51	.00291	.0076	.005
%RSD	.50810	.70611	1.1233	.68251	.74772	.17768	.03436
#1	10.721	.58215	.33924	221.31	.38627	4.2908	S13.867
#2	10.793	.58393	.34578	222.76	.39175	4.2966	S13.864
#3	10.686	.57610	.34607	219.74	.39073	4.3059	S13.858

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S14.342	.39669	.38603	4.2716	4.3104
SDev	.009	.00520	.00494	.0345	.0084
%RSD	.05996	1.3103	1.2793	.80677	.19461
#1	S14.345	.39737	.38073	4.2480	4.3107
#2	S14.332	.40152	.38687	4.2555	4.3186
#3	S14.349	.39119	.39050	4.3111	4.3019

Method: KICAP Sample Name: 0907072-038AMSD Operator: CT
Run Time: 07/27/09 10:45:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10832	112.7	.95938	1.9486	.39754	166.2	.40318
SDev	.00021	.2	.00113	.0021	.00066	.3	.00081
%RSD	.19737	.1777	.11774	.10913	.16558	.1819	.19963
#1	.10848	112.9	.95967	1.9503	.39814	166.4	.40373
#2	.10808	112.5	.95813	1.9462	.39683	165.9	.40225
#3	.10842	112.6	.96033	1.9491	.39766	166.4	.40355

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43084	.54617	20.754	269.89	57.73	50.92	3.1538
SDev	.00105	.00081	.032	.46	.24	.11	.0057
%RSD	.24285	.14915	.15287	.16961	.4199	.2230	.18209
#1	.43153	.54675	20.789	270.22	57.69	50.99	3.1593
#2	.42963	.54524	20.727	269.37	57.51	50.79	3.1479
#3	.43135	.54653	20.747	270.09	57.99	50.98	3.1543

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37832	22.98	.81458	.61812	1.0963	2.1749	.60494
SDev	.00088	.18	.00061	.00215	.0015	.0027	.00098
%RSD	.23160	.7648	.07453	.34720	.14045	.12297	.16180
#1	.37873	23.09	.81526	.61905	1.0978	2.1766	.60587
#2	.37732	22.78	.81412	.61566	1.0948	2.1718	.60391
#3	.37892	23.08	.81435	.61963	1.0962	2.1763	.60504

Elem	Zn2138	As1890	Tl1908	Pb ✓	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.586	.57738	.34451	250.63	.38847	3.8020	S13.763
SDev	.016	.00197	.00174	.47	.00041	.0245	.003
%RSD	.15581	.34124	.50400	.18889	.10491	.64467	.02499
#1	10.598	.57674	.34262	251.01	.38894	3.8294	S13.761
#2	10.567	.57580	.34603	250.10	.38819	3.7822	S13.767
#3	10.592	.57959	.34488	250.78	.38829	3.7943	S13.761

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S14.112	.39432	.38555	3.7669	3.8197
SDev	.018	.00896	.00386	.0253	.0355
%RSD	.12628	2.2717	1.0024	.67165	.92824
#1	S14.091	.40438	.38123	3.7671	3.8605
#2	S14.120	.38722	.38867	3.7416	3.8025
#3	S14.123	.39136	.38676	3.7922	3.7962

Method: KICAP Sample Name: 0907072-038ASD Operator: CT
Run Time: 07/27/09 10:49:28
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01324	104.7	.08151	1.6349	.00658	124.4	.03196
SDev	.00139	.3	.00299	.0075	.00025	.4	.00035
%RSD	10.534	.2607	3.6695	.46150	3.8510	.3258	1.1070
#1	.01379	104.9	.08489	1.6402	.00687	124.7	.03236
#2	.01427	104.8	.07919	1.6383	.00643	124.5	.03181
#3	.01165	104.4	.08045	1.6263	.00644	123.9	.03171

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06555	.17823	7.4293	304.14	15.32	30.48	3.1440
SDev	.00128	.00141	.0377	.80	.09	.06	.0106
%RSD	1.9571	.78903	.50810	.26240	.6137	.1940	.33691
#1	.06499	.17753	7.4618	304.47	15.32	30.52	3.1509
#2	.06465	.17732	7.4382	304.71	15.23	30.51	3.1492
#3	.06702	.17985	7.3879	303.22	15.42	30.42	3.1318

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00583	.9187	.51903	.14734	.74407	1.8162	.22180
SDev	.00302	.0143	.00221	.00550	.00338	.0059	.00081
%RSD	51.865	1.560	.42516	3.7305	.45367	.32428	.36350
#1	.00745	.9352	.52031	.14294	.74632	1.8192	.22140
#2	.00234	.9094	.52031	.14558	.74569	1.8200	.22272
#3	.00769	.9115	.51648	.15350	.74019	1.8094	.22126

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.164	.18997	.02007	257.41	.01159	3.4149	264.05
SDev	.043	.00211	.00176	1.09	.00453	.0076	.73
%RSD	.35361	1.1082	8.7423	.42206	39.071	.22299	.27608
#1	12.192	.18979	.02081	258.32	.01616	3.4204	263.78
#2	12.185	.18796	.01807	257.70	.00711	3.4181	264.87
#3	12.114	.19216	.02134	256.20	.01148	3.4062	263.49

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	262.51	.01529	.00974	3.4109	3.4144
SDev	.74	.00551	.00515	.0112	.0064
%RSD	.28262	36.042	52.833	.32695	.18640
#1	263.33	.01723	.01563	3.4237	3.4151
#2	261.88	.00907	.00614	3.4058	3.4204
#3	262.31	.01956	.00745	3.4032	3.4077

Method: KICAP Sample Name: 0907072-038APDS Operator: CT
Run Time: 07/27/09 10:53:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10547	95.80	1.0847	1.8619	.40285	136.8	.41161
SDev	.00051	.39	.0063	.0088	.00204	.7	.00201
%RSD	.48742	.4061	.57975	.47428	.50644	.4871	.48851
#1	.10560	95.45	1.0805	1.8596	.40254	136.7	.41118
#2	.10590	96.22	1.0919	1.8717	.40502	137.5	.41380
#3	.10490	95.74	1.0816	1.8544	.40098	136.2	.40985

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44221	.54036	7.2900	282.21	52.73	45.63	3.1873
SDev	.00262	.00257	.0331	1.44	.19	.22	.0153
%RSD	.59289	.47532	.45367	.50851	.3627	.4873	.48105
#1	.44179	.53954	7.2817	281.85	52.54	45.60	3.1848
#2	.44501	.54324	7.3264	283.79	52.92	45.87	3.2038
#3	.43982	.53830	7.2619	280.98	52.72	45.43	3.1734

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39926	23.42	.85692	.52949	1.0507	2.0492	.59589
SDev	.00222	.08	.00460	.00301	.0044	.0101	.00315
%RSD	.55534	.3470	.53674	.56861	.41918	.49105	.52845
#1	.39766	23.50	.85554	.52820	1.0492	2.0475	.59459
#2	.40179	23.43	.86205	.53293	1.0556	2.0600	.59948
#3	.39834	23.34	.85316	.52734	1.0472	2.0401	.59360

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.461	.58871	.37757	236.57	.40690	3.5744	S13.837
SDev	.050	.00391	.00276	.98	.00335	.0072	.004
%RSD	.47332	.66342	.73202	.41451	.82371	.20200	.03008
#1	10.458	.58822	.37602	235.99	.40407	3.5685	S13.840
#2	10.512	.59284	.38076	237.70	.41060	3.5825	S13.832
#3	10.413	.58507	.37593	236.01	.40602	3.5723	S13.838

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S14.238	.41545	.40263	3.5320	3.5961
SDev	.008	.00589	.00793	.0400	.0104
%RSD	.05323	1.4188	1.9700	1.1319	.28990
#1	S14.229	.42123	.39551	3.4908	3.6081
#2	S14.243	.40945	.41118	3.5706	3.5892
#3	S14.242	.41567	.40120	3.5346	3.5911

Method: KICAP Sample Name: CCVH1 Operator: CT
Run Time: 07/27/09 10:57:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.0236	.00696	.00068	.00010	49.32	.00035
SDev	.00074	.0220	.00205	.00047	.00009	.22	.00021
%RSD	143.78	93.39	29.398	69.388	94.959	.4536	60.176
#1	.00125	.0484	.00928	.00120	.00020	49.23	.00058
#2	.00052	.0157	.00619	.00053	.00007	49.57	.00030
#3	-.00023	.0066	.00542	.00030	.00002	49.16	.00017
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00133	5.1307	.00182	10.294	.1362	.0230	.00075
SDev	.00070	.0289	.00180	.068	.0544	.0130	.00064
%RSD	52.969	.56325	98.545	.66130	39.95	56.45	86.137
#1	.00210	5.1507	.00389	10.332	.1989	.0378	.00147
#2	.00115	5.1437	.00092	10.335	.1072	.0179	.00054
#3	.00073	5.0975	.00066	10.216	.1024	.0134	.00023
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	50.02	.00077	.00100	.00043	.00201	.00030
SDev	.00091	.31	.00047	.00272	.00023	.00084	.00055
%RSD	190.28	.6292	60.702	272.98	53.959	41.985	182.77
#1	.00145	50.21	.00054	.00375	.00070	.00297	.00084
#2	-.00035	50.19	.00130	.00093	.00033	.00163	.00031
#3	.00033	49.65	.00046	-.00169	.00026	.00142	-.00025
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00482	-.00243	.00249	10.192	-.00214	.00304	10.113
SDev	.00218	.00146	.00302	.073	.00024	.00289	.069
%RSD	45.180	59.991	121.52	.71493	11.187	95.113	.68172
#1	.00725	-.00103	.00595	10.244	-.00222	.00548	10.188
#2	.00417	-.00233	.00113	10.224	-.00187	.00380	10.099
#3	.00304	-.00394	.00038	10.109	-.00233	-.00016	10.052
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.022	-.00247	-.00198	.00023	.00370
SDev	.070	.00107	.00083	.00326	.00183
%RSD	.69625	43.367	41.871	1445.9	49.513
#1	10.096	-.00138	-.00264	.00191	.00577
#2	10.012	-.00352	-.00105	.00230	.00305
#3	9.9578	-.00252	-.00224	-.00353	.00228
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV1 Operator: CT
Run Time: 07/27/09 11:01:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24570	4.799	.49838	.50138	.48611	9.726	.49971
SDev	.00073	.009	.00068	.00098	.00137	.042	.00155
%RSD	.29846	.1867	.13750	.19511	.28276	.4319	.30964
#1	.24635	4.809	.49914	.50238	.48770	9.774	.50148
#2	.24491	4.792	.49781	.50043	.48539	9.706	.49905
#3	.24584	4.796	.49820	.50133	.48524	9.697	.49860
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49964	.49746	.49473	.96754	10.91	9.930	.49085
SDev	.00212	.00224	.00093	.00440	.01	.025	.00137
%RSD	.42384	.45083	.18785	.45517	.0976	.2542	.28002
#1	.50208	.50003	.49581	.97261	10.92	9.958	.49244
#2	.49858	.49642	.49420	.96533	10.92	9.918	.49011
#3	.49826	.49593	.49420	.96468	10.90	9.912	.49001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49932	9.906	.49911	.48837	.48791	.47447	.49646
SDev	.00097	.010	.00213	.00271	.00117	.00122	.00127
%RSD	.19522	.0986	.42686	.55449	.23906	.25708	.25474
#1	.49896	9.904	.50151	.49079	.48921	.47588	.49782
#2	.49857	9.897	.49837	.48889	.48697	.47372	.49533
#3	.50042	9.916	.49745	.48544	.48754	.47382	.49623
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50135	.49224	.49370	.49486	.48273	.48651	.49210
SDev	.00100	.00245	.00130	.00015	.00123	.00318	.00283
%RSD	.19903	.49810	.26267	.02934	.25500	.65416	.57553
#1	.50250	.49506	.49221	.49470	.48259	.48284	.49537
#2	.50087	.49093	.49433	.49490	.48157	.48813	.49046
#3	.50069	.49071	.49456	.49499	.48402	.48855	.49047
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.49624	.48283	.48267	.48578	.48637	
SDev	.00162	.00307	.00180	.00989	.00142	
%RSD	.32685	.63484	.37294	2.0366	.29174	
#1	.49437	.48583	.48096	.47460	.48695	
#2	.49711	.47971	.48250	.49340	.48475	
#3	.49724	.48296	.48455	.48934	.48740	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB1 Operator: CT
Run Time: 07/27/09 11:05:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.0020	.00393	.00058	.00011	.0043	.00054
SDev	.00009	.0009	.00056	.00004	.00003	.0016	.00006
%RSD	71.720	42.73	14.134	7.5306	28.646	36.94	10.103
#1	.00003	.0030	.00450	.00060	.00014	.0031	.00056
#2	.00014	.0018	.00390	.00060	.00012	.0061	.00058
#3	.00020	.0013	.00339	.00053	.00008	.0037	.00048

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00179	.00196	.00021	.00130	.1753	.0131	.00023
SDev	.00008	.00026	.00042	.00063	.0111	.0010	.00006
%RSD	4.6535	13.233	198.65	48.389	6.347	7.868	23.756
#1	.00171	.00176	.00059	.00071	.1805	.0125	.00026
#2	.00187	.00225	.00029	.00197	.1828	.0143	.00027
#3	.00179	.00187	-.00024	.00122	.1625	.0125	.00017

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00088	.0100	.00054	.00119	.00016	.00093	.00028
SDev	.00113	.0012	.00020	.00158	.00007	.00015	.00008
%RSD	129.40	12.20	37.661	132.70	44.703	15.807	30.215
#1	.00217	.0097	.00038	-.00062	.00020	.00108	.00029
#2	.00037	.0113	.00077	.00195	.00020	.00093	.00036
#3	.00008	.0089	.00046	.00224	.00008	.00079	.00019

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.00001	.00510	.00296	-.00211	-.00035	.00200
SDev	.00004	.00072	.00041	.00054	.00077	.00034	.00142
%RSD	3.8493	5995.8	8.0894	18.368	36.517	97.971	70.798
#1	.00107	.00056	.00512	.00236	-.00125	-.00041	.00351
#2	.00099	.00029	.00468	.00308	-.00274	-.00066	.00179
#3	.00102	-.00081	.00551	.00342	-.00233	.00002	.00070

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00343	-.00172	-.00230	-.00069	-.00043
SDev	.00152	.00174	.00114	.00370	.00182
%RSD	44.272	100.78	49.546	537.64	421.70
#1	.00179	-.00047	-.00164	-.00191	.00109
#2	.00373	-.00099	-.00361	-.00362	.00007
#3	.00478	-.00371	-.00164	.00347	-.00245

Method: KICAP Sample Name: 0907072-039A Operator: CT
Run Time: 07/27/09 11:08:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00754	60.73	.18949	1.9406	.00538	132.5	.01371
SDev	.00112	.47	.00108	.0076	.00002	.5	.00007
%RSD	14.785	.7732	.57131	.39407	.33911	.3643	.52227
#1	.00648	60.63	.18869	1.9454	.00537	132.6	.01364
#2	.00870	60.32	.18905	1.9318	.00537	132.0	.01373
#3	.00744	61.24	.19072	1.9447	.00540	133.0	.01378

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05549	.15058	4.8944	183.98	11.33	18.57	3.6310
SDev	.00070	.00078	.0196	.68	.06	.08	.0126
%RSD	1.2619	.51824	.39978	.36744	.5377	.4070	.34624
#1	.05489	.15023	4.9034	183.97	11.27	18.54	3.6333
#2	.05531	.15003	4.8720	183.30	11.33	18.52	3.6175
#3	.05626	.15147	4.9079	184.65	11.39	18.66	3.6423

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01288	1.708	.18790	.17599	.83224	2.0214	.15701
SDev	.00103	.006	.00071	.00094	.00319	.0068	.00052
%RSD	7.9601	.3773	.37501	.53484	.38350	.33682	.32851
#1	.01316	1.706	.18749	.17491	.83340	2.0243	.15646
#2	.01175	1.704	.18749	.17663	.82864	2.0137	.15710
#3	.01374	1.716	.18871	.17643	.83470	2.0264	.15748

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.5927	.13323	-.01098	106.18	.00949	1.1875	S14.242
SDev	.0235	.00060	.00120	.54	.00082	.0103	.001
%RSD	.35604	.44936	10.929	.50803	8.6915	.86415	.00881
#1	6.6006	.13257	-.01210	106.23	.01033	1.1800	S14.242
#2	6.5663	.13336	-.00971	105.62	.00947	1.1833	S14.244
#3	6.6113	.13375	-.01113	106.70	.00868	1.1992	S14.241

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S15.234	.00961	.00944	1.1730	1.1950
SDev	.004	.00321	.00223	.0156	.0061
%RSD	.02887	33.436	23.588	1.3283	.51091
#1	S15.239	.01065	.01017	1.1629	1.1901
#2	S15.233	.00600	.01120	1.1652	1.1931
#3	S15.230	.01217	.00694	1.1910	1.2018

Method: KICAP Sample Name: 0907072-040A Operator: CT
Run Time: 07/27/09 11:12:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00357	80.98	.06785	1.1678	.00512	212.7	.00446
SDev	.00054	.52	.00020	.0025	.00001	.4	.00004
%RSD	15.186	.6361	.29057	.21154	.18583	.1802	.91816
#1	.00364	80.39	.06762	1.1651	.00511	212.3	.00442
#2	.00300	81.27	.06794	1.1682	.00512	212.8	.00449
#3	.00408	81.29	.06798	1.1700	.00513	213.1	.00449

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07353	.22711	.53816	218.19	14.05	54.94	4.1959
SDev	.00014	.00020	.00038	.38	.03	.07	.0060
%RSD	.19003	.08642	.07140	.17197	.2119	.1220	.14290
#1	.07369	.22704	.53775	217.76	14.08	54.87	4.1892
#2	.07346	.22696	.53821	218.36	14.02	54.96	4.1979
#3	.07344	.22733	.53851	218.45	14.05	55.00	4.2007

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00801	1.227	.26522	.07887	.66467	1.8098	.19603
SDev	.00044	.002	.00050	.00154	.00100	.0035	.00053
%RSD	5.4758	.1883	.18806	1.9507	.15042	.19567	.26940
#1	.00756	1.228	.26477	.07988	.66361	1.8058	.19553
#2	.00844	1.224	.26575	.07710	.66480	1.8109	.19598
#3	.00805	1.228	.26514	.07963	.66560	1.8126	.19658

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4959	.10133	-.01260	32.109	.00515	.38889	31.369
SDev	.0041	.00048	.00024	.005	.00071	.00047	.168
%RSD	.16351	.47247	1.8930	.01705	13.731	.11963	.53622
#1	2.4913	.10170	-.01278	32.113	.00509	.38854	31.260
#2	2.4974	.10150	-.01233	32.103	.00589	.38871	31.285
#3	2.4991	.10079	-.01270	32.110	.00448	.38942	31.563

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	31.135	.00590	.00478	.38724	.38996
SDev	.125	.00255	.00145	.00243	.00301
%RSD	.40220	43.211	30.249	.62616	.77205
#1	31.232	.00300	.00613	.38976	.38718
#2	31.179	.00777	.00494	.38702	.38956
#3	30.994	.00692	.00326	.38493	.39316

Method: KICAP Sample Name: 0907072-041A Operator: CT
Run Time: 07/27/09 11:16:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00509	64.47	.07473	6.4047	.00437	355.1	.01656
SDev	.00037	.15	.00020	.0047	.00001	.3	.00004
%RSD	7.1809	.2275	.26271	.07397	.19265	.0776	.25740
#1	.00511	64.30	.07489	6.3998	.00436	354.8	.01653
#2	.00545	64.54	.07479	6.4048	.00438	355.3	.01661
#3	.00472	64.56	.07451	6.4093	.00438	355.1	.01655

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06377	.28187	.74639	202.45	12.67	109.3	5.1417
SDev	.00025	.00025	.00081	.24	.05	.1	.0036
%RSD	.38958	.08932	.10871	.11885	.3701	.1053	.06955
#1	.06360	.28158	.74571	202.17	12.63	109.2	5.1378
#2	.06406	.28204	.74617	202.61	12.72	109.4	5.1449
#3	.06366	.28199	.74728	202.56	12.67	109.2	5.1423

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01025	1.354	.17611	.10946	.90440	1.7558	.18478
SDev	.00017	.004	.00051	.00165	.00081	.0019	.00029
%RSD	1.6675	.3012	.28998	1.5097	.08985	.10626	.15540
#1	.01043	1.349	.17667	.10945	.90355	1.7538	.18454
#2	.01023	1.357	.17568	.11112	.90447	1.7559	.18510
#3	.01009	1.355	.17598	.10781	.90517	1.7576	.18470

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.6171	.17783	-.01721	36.167	.00841	.15408	34.934
SDev	.0039	.00106	.00159	.109	.00064	.00085	.105
%RSD	.05122	.59670	9.2443	.30153	7.5843	.55365	.30086
#1	7.6132	.17832	-.01732	36.048	.00854	.15424	34.882
#2	7.6210	.17857	-.01556	36.192	.00897	.15315	35.055
#3	7.6169	.17662	-.01873	36.262	.00771	.15484	34.865

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	34.564	.00968	.00777	.15092	.15641
SDev	.181	.00245	.00112	.00219	.00059
%RSD	.52418	25.276	14.460	1.4496	.37439
#1	34.586	.00751	.00905	.15254	.15584
#2	34.373	.01233	.00729	.14843	.15701
#3	34.734	.00920	.00697	.15178	.15636

Method: KICAP Sample Name: 0907072-042A Operator: CT
Run Time: 07/27/09 11:20:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00232	45.97	.05034	6.6831	.00307	530.4	.01693
SDev	.00007	.11	.00018	.0428	.00002	3.1	.00007
%RSD	2.9925	.2308	.35638	.64099	.66505	.5846	.39829
#1	.00235	46.07	.05054	6.6974	.00309	531.6	.01697
#2	.00224	45.97	.05019	6.7169	.00308	532.7	.01696
#3	.00236	45.86	.05029	6.6349	.00305	526.9	.01685

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03990	.17097	.31671	87.758	8.268	114.7	3.8457
SDev	.00014	.00096	.00192	.495	.035	.6	.0233
%RSD	.35788	.56337	.60734	.56398	.4240	.5356	.60567
#1	.04006	.17133	.31774	87.961	8.287	115.0	3.8559
#2	.03987	.17170	.31789	88.120	8.290	115.2	3.8622
#3	.03978	.16988	.31449	87.194	8.228	114.0	3.8191

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00459	2.431	.07878	.10201	1.3945	1.2210	.13266
SDev	.00049	.013	.00053	.00137	.0095	.0068	.00079
%RSD	10.748	.5172	.67952	1.3426	.67921	.55906	.59818
#1	.00416	2.434	.07931	.10211	1.3982	1.2231	.13286
#2	.00450	2.441	.07878	.10333	1.4015	1.2265	.13333
#3	.00513	2.417	.07824	.10059	1.3837	1.2134	.13178

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.4302	.09271	-.00978	4.5097	.00379	.02825	4.5580
SDev	.0441	.00072	.00128	.0178	.00128	.00093	.0189
%RSD	.52272	.77598	13.131	.39542	33.724	3.3022	.41432
#1	8.4482	.09312	-.00832	4.4894	.00524	.02754	4.5640
#2	8.4625	.09188	-.01029	4.5230	.00284	.02790	4.5731
#3	8.3800	.09312	-.01074	4.5167	.00328	.02931	4.5368

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.4856	.00201	.00467	.02789	.02868
SDev	.0292	.00284	.00065	.00439	.00283
%RSD	.65168	141.27	13.935	15.754	9.8726
#1	4.4522	.00500	.00536	.02386	.02938
#2	4.4980	-.00067	.00459	.03257	.02556
#3	4.5066	.00171	.00407	.02722	.03110

Method: KICAP Sample Name: 0907072-043A Operator: CT
Run Time: 07/27/09 11:24:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00100	41.33	.04909	4.5197	.00228	728.4	.00825
SDev	.00065	.16	.00035	.0153	.00001	2.1	.00005
%RSD	65.624	.3820	.70721	.33799	.54497	.2879	.65470
#1	.00168	41.24	.04930	4.5041	.00227	726.3	.00820
#2	.00093	41.24	.04869	4.5205	.00228	728.4	.00824
#3	.00038	41.51	.04928	4.5346	.00230	730.5	.00831

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03807	.17460	.22620	75.322	6.827	129.8	5.3196
SDev	.00018	.00044	.00038	.251	.014	.4	.0153
%RSD	.48181	.25069	.16768	.33342	.2025	.2773	.28728
#1	.03816	.17431	.22585	75.067	6.843	129.5	5.3042
#2	.03786	.17439	.22615	75.331	6.816	129.8	5.3198
#3	.03819	.17510	.22660	75.569	6.822	130.2	5.3348

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00215	1.186	.07264	.15429	2.5063	.86332	.11703
SDev	.00115	.002	.00057	.00118	.0079	.00358	.00034
%RSD	53.773	.1613	.77862	.76369	.31328	.41436	.29328
#1	.00343	1.185	.07307	.15361	2.4981	.85955	.11693
#2	.00119	1.185	.07284	.15360	2.5073	.86375	.11675
#3	.00182	1.189	.07200	.15565	2.5137	.86667	.11741

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.9571	.03493	-.00953	1.8344	.00106	.00304	1.8510
SDev	.0192	.00073	.00117	.0077	.00010	.00080	.0161
%RSD	.32286	2.1011	12.232	.41809	9.3357	26.409	.87046
#1	5.9378	.03577	-.00852	1.8281	.00117	.00386	1.8658
#2	5.9571	.03463	-.01081	1.8429	.00104	.00300	1.8532
#3	5.9763	.03440	-.00927	1.8322	.00097	.00226	1.8338

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.8262	.00148	.00085	.00174	.00344
SDev	.0150	.00437	.00208	.00373	.00081
%RSD	.82100	295.23	244.97	214.17	23.584
#1	1.8092	.00598	-.00123	.00184	.00412
#2	1.8378	-.00275	.00293	.00541	.00254
#3	1.8314	.00121	.00086	-.00204	.00365

Method: KICAP Sample Name: 0907072-044A Operator: CT
Run Time: 07/27/09 11:34:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01353	33.15	.08024	3.4785	.00391	121.2	.01188
SDev	.00031	.04	.00096	.0045	.00002	.2	.00012
%RSD	2.3116	.1331	1.1917	.12867	.60240	.1808	.96442
#1	.01389	33.10	.07993	3.4734	.00390	121.0	.01188
#2	.01337	33.17	.07947	3.4809	.00389	121.1	.01176
#3	.01333	33.18	.08131	3.4813	.00394	121.4	.01199

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05679	.14243	.87624	266.87	4.798	26.72	2.6690
SDev	.00039	.00060	.00147	.54	.037	.07	.0047
%RSD	.68661	.42140	.16831	.20203	.7771	.2671	.17494
#1	.05688	.14221	.87455	266.38	4.815	26.68	2.6647
#2	.05637	.14198	.87695	266.77	4.755	26.68	2.6683
#3	.05714	.14311	.87723	267.45	4.823	26.80	2.6740

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02440	1.653	.16060	.38124	.96942	2.4328	.17426
SDev	.00098	.004	.00077	.00152	.00128	.0042	.00021
%RSD	4.0032	.2434	.47715	.39732	.13193	.17367	.11820
#1	.02552	1.654	.16137	.37950	.96796	2.4287	.17402
#2	.02396	1.648	.15984	.38206	.96994	2.4326	.17441
#3	.02372	1.655	.16060	.38218	.97035	2.4371	.17433

Elem	Zn2138	As1890	Tl1908	Pb ✓	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.6536	.17282	-.01785	231.86	.00890	14.250	S13.960
SDev	.0085	.00164	.00148	.42	.00151	.075	.003
%RSD	.23177	.94810	8.2973	.18280	16.991	.52711	.01891
#1	3.6453	.17306	-.01894	231.37	.00848	14.196	S13.963
#2	3.6533	.17108	-.01845	232.14	.01058	14.336	S13.958
#3	3.6622	.17433	-.01616	232.07	.00764	14.219	S13.958

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S14.324	.00856	.00907	14.103	14.325
SDev	.005	.00185	.00164	.130	.081
%RSD	.03172	21.562	18.059	.92022	.56253
#1	S14.326	.00942	.00802	13.954	14.319
#2	S14.319	.00981	.01096	14.193	14.409
#3	S14.327	.00644	.00824	14.162	14.248

Method: KICAP Sample Name: 0907072-045A Operator: CT
Run Time: 07/27/09 11:37:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05206	50.11	.11377	3.9297	.00294	209.4	.04773
SDev	.00023	.10	.00048	.0078	.00001	.3	.00013
%RSD	.44258	.2028	.41855	.19968	.22798	.1244	.26682
#1	.05228	50.19	.11335	3.9381	.00293	209.7	.04763
#2	.05208	50.15	.11367	3.9285	.00294	209.3	.04769
#3	.05182	50.00	.11429	3.9225	.00294	209.3	.04787

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04442	.20697	7.8334	443.04	15.58	36.56	3.4796
SDev	.00039	.00039	.0228	.72	.05	.04	.0063
%RSD	.87901	.18933	.29070	.16155	.3020	.0961	.18109
#1	.04421	.20720	7.8570	443.86	15.52	36.59	3.4868
#2	.04419	.20651	7.8317	442.70	15.61	36.52	3.4767
#3	.04488	.20719	7.8116	442.55	15.59	36.56	3.4753

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01621	3.763	.22692	.35724	1.0373	1.6711	.16816
SDev	.00044	.008	.00080	.00171	.0023	.0018	.00065
%RSD	2.7243	.2102	.35125	.47757	.22447	.11049	.38852
#1	.01588	3.756	.22646	.35769	1.0397	1.6732	.16880
#2	.01603	3.771	.22646	.35535	1.0370	1.6702	.16819
#3	.01671	3.763	.22784	.35868	1.0351	1.6698	.16750

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.550	.18171	-.03290	623.91	.02936	22.308	S12.925
SDev	.016	.00073	.00118	1.86	.00058	.114	.017
%RSD	.14880	.40227	3.5721	.29865	1.9853	.51206	.13482
#1	10.568	.18241	-.03334	625.48	.02894	22.344	S12.906
#2	10.540	.18095	-.03379	624.40	.03002	22.180	S12.941
#3	10.542	.18176	-.03157	621.85	.02911	22.400	S12.928

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S11.464	.02846	.02980	22.118	22.403
SDev	.016	.00628	.00316	.141	.101
%RSD	.14274	22.070	10.589	.63940	.44965
#1	S11.458	.02228	.03227	22.175	22.428
#2	S11.483	.02826	.03090	21.957	22.292
#3	S11.452	.03484	.02625	22.222	22.488

Method: KICAP Sample Name: 0907072-046A Operator: CT
Run Time: 07/27/09 11:41:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00622	36.68	.04400	1.2520	.00349	53.53	.03923
SDev	.00096	.18	.00034	.0062	.00001	.22	.00012
%RSD	15.350	.4850	.78294	.49674	.13296	.4077	.30023
#1	.00518	36.86	.04364	1.2586	.00349	53.75	.03930
#2	.00643	36.51	.04406	1.2463	.00349	53.31	.03909
#3	.00705	36.66	.04432	1.2510	.00350	53.52	.03929

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06259	.06023	1.5617	112.38	10.94	5.144	1.5070
SDev	.00028	.00024	.0086	.40	.05	.012	.0056
%RSD	.44885	.39327	.54921	.35463	.4341	.2368	.37316
#1	.06226	.05997	1.5710	112.75	11.00	5.153	1.5127
#2	.06270	.06028	1.5541	111.96	10.91	5.130	1.5014
#3	.06279	.06043	1.5601	112.42	10.92	5.148	1.5068

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00767	1.920	.19856	.10825	.88753	1.1185	.08944
SDev	.00008	.010	.00087	.00131	.00436	.0047	.00059
%RSD	1.0993	.5142	.43827	1.2075	.49072	.41602	.65838
#1	.00772	1.931	.19795	.10843	.89219	1.1230	.08889
#2	.00772	1.914	.19818	.10687	.88355	1.1137	.08937
#3	.00757	1.914	.19956	.10946	.88686	1.1189	.09006

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.9338	.06109	-.00352	61.586	.00967	1.3652	62.475
SDev	.0260	.00041	.00054	.446	.00062	.0106	.310
%RSD	.37498	.67671	15.392	.72438	6.3733	.77404	.49603
#1	6.9583	.06086	-.00406	62.056	.00976	1.3617	62.159
#2	6.9065	.06084	-.00298	61.169	.01024	1.3771	62.779
#3	6.9364	.06157	-.00350	61.531	.00902	1.3568	62.488

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	62.181	.00648	.01127	1.3545	1.3706
SDev	.579	.00437	.00126	.0191	.0069
%RSD	.93040	67.481	11.158	1.4115	.50621
#1	61.797	.00726	.01101	1.3458	1.3690
#2	62.847	.01040	.01017	1.3765	1.3782
#3	61.900	.00177	.01264	1.3414	1.3646

Method: KICAP Sample Name: 0907072-047A Operator: CT
Run Time: 07/27/09 11:45:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00069	101.1	.05565	.75509	.00477	51.81	.00447
SDev	.00036	.6	.00022	.00453	.00004	.32	.00009
%RSD	52.222	.6091	.40030	.60031	.75510	.6195	2.0186
#1	-.00086	100.4	.05541	.74998	.00473	51.44	.00441
#2	-.00093	101.6	.05570	.75863	.00477	52.03	.00444
#3	-.00027	101.4	.05585	.75667	.00480	51.95	.00458

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03161	.10520	.21674	87.287	22.91	20.84	.89723
SDev	.00039	.00084	.00107	.587	.09	.14	.00582
%RSD	1.2389	.79619	.49293	.67237	.3848	.6488	.64852
#1	.03134	.10427	.21554	86.612	22.81	20.68	.89052
#2	.03144	.10541	.21758	87.673	22.95	20.91	.90096
#3	.03206	.10590	.21709	87.577	22.97	20.92	.90021

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	.3695	.10423	.00763	.29259	.61374	.11034
SDev	.00024	.0009	.00087	.00146	.00178	.00424	.00085
%RSD	25.696	.2540	.83553	19.144	.60695	.69164	.76644
#1	.00066	.3685	.10398	.00623	.29058	.60892	.10938
#2	.00105	.3696	.10352	.00750	.29393	.61691	.11069
#3	.00110	.3704	.10520	.00915	.29326	.61539	.11096

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4373	.01550	.00439	.52126	.00849	.03783	.52205
SDev	.0093	.00029	.00130	.00546	.00098	.00109	.00522
%RSD	.64402	1.8562	29.703	1.0477	11.570	2.8690	1.0005
#1	1.4268	.01532	.00293	.52693	.00737	.03866	.52772
#2	1.4442	.01535	.00544	.52081	.00922	.03660	.52098
#3	1.4409	.01583	.00480	.51604	.00887	.03823	.51744

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.52086	.00729	.00908	.03821	.03789
SDev	.00560	.00244	.00172	.00598	.00276
%RSD	1.0755	33.485	18.986	15.643	7.2908
#1	.52654	.00727	.00743	.03562	.04018
#2	.52072	.00975	.00896	.03396	.03867
#3	.51533	.00487	.01087	.04504	.03483

Method: KICAP Sample Name: 0907072-048A Operator: CT
Run Time: 07/27/09 11:49:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01020	70.63	.07510	7.5518	.00626	135.6	.02026
SDev	.00056	.21	.00033	.0342	.00002	.7	.00007
%RSD	5.5423	.2938	.44055	.45264	.33631	.4896	.35850
#1	.00955	70.82	.07530	7.5898	.00628	136.4	.02033
#2	.01057	70.67	.07529	7.5424	.00625	135.5	.02028
#3	.01049	70.41	.07472	7.5234	.00624	135.0	.02019

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10969	.27120	3.2010	345.35	12.70	41.20	17.011
SDev	.00043	.00113	.0139	1.59	.05	.18	.078
%RSD	.38915	.41703	.43376	.45992	.4029	.4435	.45793
#1	.11017	.27238	3.2166	347.05	12.73	41.39	17.095
#2	.10952	.27110	3.1964	345.10	12.72	41.18	16.997
#3	.10937	.27013	3.1900	343.91	12.64	41.03	16.941

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01751	2.257	.28199	.35585	.74080	2.0207	.29155
SDev	.00044	.008	.00117	.00223	.00298	.0082	.00112
%RSD	2.4902	.3610	.41538	.62584	.40206	.40718	.38395
#1	.01729	2.265	.28334	.35833	.74406	2.0298	.29264
#2	.01724	2.258	.28135	.35521	.74010	2.0186	.29161
#3	.01802	2.249	.28128	.35401	.73823	2.0138	.29040

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.419	.18764	-.02442	151.90	.01566	1.4673	S14.092
SDev	.055	.00068	.00122	.45	.00029	.0071	.006
%RSD	.40764	.36452	5.0074	.29623	1.8277	.48608	.04328
#1	13.478	.18838	-.02315	152.38	.01564	1.4593	S14.091
#2	13.409	.18750	-.02559	151.83	.01538	1.4696	S14.087
#3	13.370	.18703	-.02453	151.49	.01595	1.4730	S14.099

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S14.893	.01640	.01529	1.4481	1.4771
SDev	.005	.00385	.00156	.0205	.0077
%RSD	.03093	23.483	10.182	1.4154	.52151
#1	S14.888	.01830	.01432	1.4278	1.4750
#2	S14.897	.01197	.01709	1.4688	1.4707
#3	S14.894	.01893	.01447	1.4477	1.4857

Method: KICAP Sample Name: CCVH2 Operator: CT
Run Time: 07/27/09 11:53:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	.0218	.00651	.00158	.00006	49.23	.00052
SDev	.00031	.0100	.00027	.00092	.00001	.19	.00004
%RSD	39.365	46.01	4.1726	57.931	16.313	.3926	8.5695
#1	.00049	.0329	.00670	.00263	.00006	49.10	.00052
#2	.00077	.0134	.00620	.00113	.00004	49.45	.00047
#3	.00111	.0191	.00664	.00098	.00006	49.14	.00056
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00255	5.1863	.00092	10.316	.2329	.0285	.00266
SDev	.00024	.0103	.00022	.033	.0255	.0056	.00197
%RSD	9.5562	.19931	24.029	.32454	10.97	19.84	74.250
#1	.00255	5.1772	.00087	10.326	.2487	.0347	.00492
#2	.00230	5.1975	.00073	10.344	.2034	.0236	.00176
#3	.00279	5.1841	.00116	10.279	.2465	.0272	.00129
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00129	51.01	.00095	.00251	.00034	.00225	.00040
SDev	.00056	.05	.00009	.00082	.00010	.00045	.00019
%RSD	43.289	.0968	9.3039	32.492	29.586	20.145	48.173
#1	-.00128	50.96	.00100	.00332	.00046	.00272	.00024
#2	-.00186	51.02	.00100	.00169	.00027	.00181	.00034
#3	-.00074	51.06	.00085	.00253	.00030	.00222	.00061
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00444	-.00247	.00430	10.171	-.00124	.00081	10.147
SDev	.00172	.00025	.00008	.029	.00063	.00238	.008
%RSD	38.854	10.134	1.8610	.28976	50.405	293.15	.08349
#1	.00641	-.00274	.00428	10.167	-.00077	.00272	10.152
#2	.00369	-.00225	.00439	10.201	-.00100	.00158	10.151
#3	.00321	-.00243	.00423	10.143	-.00195	-.00186	10.137
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.056	-.00119	-.00127	-.00370	.00257
SDev	.096	.00182	.00185	.00665	.00072
%RSD	.95265	152.96	145.98	179.49	28.040
#1	10.016	-.00264	.00016	.00179	.00318
#2	10.166	-.00180	-.00060	-.00180	.00178
#3	9.9870	.00086	-.00335	-.01110	.00275
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV2 Operator: CT
Run Time: 07/27/09 11:57:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24721	4.900	.50691	.50717	.49158	9.840	.50784
SDev	.00042	.005	.00163	.00109	.00101	.009	.00085
%RSD	.17169	.1015	.32191	.21446	.20599	.0906	.16799
#1	.24704	4.905	.50510	.50591	.49050	9.833	.50708
#2	.24769	4.900	.50828	.50772	.49250	9.850	.50876
#3	.24690	4.895	.50734	.50787	.49173	9.836	.50766
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50552	.50298	.50055	.97985	11.16	10.06	.48931
SDev	.00058	.00057	.00077	.00206	.07	.01	.00092
%RSD	.11458	.11387	.15412	.21017	.6129	.1035	.18696
#1	.50508	.50284	.49971	.97763	11.24	10.06	.48835
#2	.50617	.50361	.50122	.98169	11.13	10.08	.49018
#3	.50531	.50249	.50073	.98021	11.11	10.06	.48940
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50472	10.14	.50618	.49517	.48924	.47988	.50149
SDev	.00433	.03	.00130	.00291	.00097	.00079	.00102
%RSD	.85739	.3315	.25730	.58700	.19927	.16402	.20382
#1	.49974	10.18	.50488	.49552	.48811	.47908	.50036
#2	.50757	10.12	.50749	.49789	.48979	.48065	.50233
#3	.50684	10.13	.50618	.49210	.48980	.47991	.50180
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50491	.49741	.50096	.49815	.48823	.48864	.49709
SDev	.00161	.00192	.00215	.00209	.00201	.00118	.00176
%RSD	.31821	.38605	.42828	.41891	.41131	.24155	.35322
#1	.50312	.49537	.49865	.49918	.48591	.48737	.49895
#2	.50623	.49917	.50289	.49575	.48950	.48886	.49686
#3	.50537	.49769	.50135	.49951	.48927	.48970	.49546
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.49868	.49116	.48676	.48373	.49059	
SDev	.00322	.00365	.00239	.00569	.00109	
%RSD	.64603	.74246	.49156	1.1759	.22171	
#1	.49930	.48880	.48447	.48039	.49085	
#2	.49519	.49536	.48657	.48050	.49153	
#3	.50154	.48932	.48924	.49030	.48940	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB2 Operator: CT
Run Time: 07/27/09 12:01:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.0200	.00619	.00083	.00013	.0073	.00090
SDev	.00036	.0029	.00052	.00000	.00002	.0011	.00006
%RSD	33.007	14.49	8.3208	.00035	16.191	14.64	6.5993
#1	.00079	.0196	.00672	.00083	.00015	.0077	.00096
#2	.00147	.0173	.00569	.00083	.00011	.0061	.00084
#3	.00096	.0231	.00616	.00083	.00013	.0081	.00089

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00372	.00354	.00026	.00288	.3026	.0248	.00035
SDev	.00030	.00029	.00020	.00067	.0120	.0016	.00006
%RSD	8.0258	8.2559	77.866	23.346	3.979	6.278	18.749
#1	.00379	.00352	.00010	.00257	.3016	.0250	.00036
#2	.00339	.00325	.00049	.00243	.2911	.0232	.00028
#3	.00397	.00384	.00020	.00366	.3151	.0263	.00040

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.0168	.00054	.00338	.00025	.00164	.00090
SDev	.00053	.0010	.00013	.00170	.00002	.00006	.00014
%RSD	191.05	5.889	24.555	50.407	9.7495	3.4597	15.052
#1	.00071	.0168	.00069	.00381	.00027	.00167	.00102
#2	.00042	.0158	.00046	.00150	.00022	.00157	.00092
#3	-.00031	.0178	.00046	.00483	.00025	.00167	.00075

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00161	.00013	.01066	.00346	-.00142	-.00040	-.00033
SDev	.00002	.00047	.00153	.00063	.00150	.00170	.00109
%RSD	.92549	360.67	14.346	18.199	105.87	426.86	330.60
#1	.00160	.00018	.01232	.00412	.00008	.00015	-.00153
#2	.00161	.00058	.00931	.00286	-.00142	.00096	.00059
#3	.00163	-.00036	.01034	.00339	-.00292	-.00230	-.00005

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00535	-.00479	.00027	.00249	-.00184
SDev	.00148	.00093	.00227	.00129	.00060
%RSD	27.725	19.363	855.06	51.905	32.600
#1	.00693	-.00527	.00275	.00371	-.00162
#2	.00400	-.00372	-.00027	.00263	-.00138
#3	.00511	-.00539	-.00169	.00114	-.00252

Method: KICAP Sample Name: 0907072-049A Operator: CT
Run Time: 07/27/09 12:05:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00446	42.43	.06525	4.6710	.00309	318.4	.01327
SDev	.00040	.57	.00061	.0543	.00003	3.4	.00013
%RSD	9.0706	1.340	.93304	1.1631	.97256	1.056	.96228
#1	.00405	43.08	.06563	4.7288	.00312	321.9	.01334
#2	.00486	42.21	.06557	4.6635	.00309	318.1	.01334
#3	.00448	42.01	.06455	4.6209	.00306	315.2	.01312

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05395	.22028	.54612	150.92	9.422	83.32	3.9918
SDev	.00064	.00227	.00634	1.63	.080	.88	.0433
%RSD	1.1800	1.0321	1.1607	1.0793	.8491	1.050	1.0853
#1	.05451	.22247	.55251	152.61	9.492	84.21	4.0371
#2	.05409	.22044	.54600	150.80	9.439	83.29	3.9877
#3	.05326	.21793	.53984	149.36	9.335	82.46	3.9507

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00774	1.268	.12285	.12173	1.1041	1.2612	.12661
SDev	.00072	.012	.00130	.00145	.0128	.0129	.00135
%RSD	9.3321	.9170	1.0621	1.1904	1.1623	1.0199	1.0697
#1	.00853	1.279	.12423	.12243	1.1176	1.2748	.12791
#2	.00712	1.269	.12270	.12269	1.1025	1.2595	.12671
#3	.00756	1.256	.12163	.12006	1.0920	1.2493	.12521

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.4196	.07959	-.00996	26.056	.00953	.25454	25.522
SDev	.0584	.00169	.00047	.332	.00153	.00125	.146
%RSD	1.0776	2.1188	4.7375	1.2734	16.057	.49085	.57269
#1	5.4803	.08138	-.01039	26.392	.00781	.25570	25.674
#2	5.4147	.07937	-.00946	26.048	.01005	.25469	25.509
#3	5.3638	.07803	-.01004	25.729	.01074	.25322	25.383

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	25.221	.00682	.01088	.25053	.25503
SDev	.206	.00133	.00164	.00336	.00139
%RSD	.81833	19.490	15.065	1.3430	.54694
#1	25.145	.00539	.00902	.25108	.25651
#2	25.455	.00706	.01154	.25359	.25374
#3	25.064	.00802	.01210	.24693	.25486

Method: KICAP Sample Name: 0907072-050A Operator: CT
Run Time: 07/27/09 12:09:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02618	65.05	.09082	3.5690	.00300	167.2	.02594
SDev	.00044	.25	.00053	.0145	.00001	.7	.00008
%RSD	1.6795	.3769	.58954	.40614	.26056	.3904	.30046
#1	.02667	65.03	.09033	3.5662	.00300	167.1	.02596
#2	.02607	64.81	.09074	3.5562	.00300	166.6	.02585
#3	.02581	65.30	.09139	3.5847	.00301	167.9	.02601

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7051	.31221	7.2196	300.05	8.090	26.97	5.9533
SDev	.0069	.00121	.0282	1.24	.015	.09	.0225
%RSD	.40328	.38865	.39009	.41465	.1894	.3366	.37867
#1	1.7045	.31195	7.2172	299.84	8.105	26.95	5.9496
#2	1.6986	.31115	7.1927	298.93	8.089	26.88	5.9328
#3	1.7123	.31353	7.2489	301.39	8.075	27.06	5.9775

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04510	2.600	.61344	1.2100	.74191	1.4195	.43372
SDev	.00120	.003	.00164	.0056	.00275	.0062	.00172
%RSD	2.6651	.1112	.26800	.46126	.37060	.43500	.39611
#1	.04400	2.603	.61308	1.2146	.74171	1.4173	.43338
#2	.04492	2.597	.61201	1.2038	.73928	1.4148	.43220
#3	.04638	2.602	.61524	1.2116	.74476	1.4265	.43558

Elem	Zn2138	As1890	Tl1908	Pb ✓	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.810	.25495	-.01922	299.17	.01072	4.1638	S13.724
SDev	.039	.00198	.00040	.85	.00045	.0260	.006
%RSD	.36026	.77695	2.0834	.28385	4.1793	.62557	.04677
#1	10.806	.25499	-.01967	299.01	.01061	4.1461	S13.725
#2	10.774	.25295	-.01893	298.41	.01122	4.1937	S13.718
#3	10.852	.25691	-.01905	300.09	.01034	4.1516	S13.730

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S13.815	.01309	.00954	4.1058	4.1933
SDev	.009	.00133	.00094	.0736	.0082
%RSD	.06760	10.132	9.8562	1.7932	.19467
#1	S13.806	.01458	.00862	4.0434	4.1989
#2	S13.814	.01265	.01050	4.1870	4.1971
#3	S13.825	.01203	.00950	4.0870	4.1839

Method: KICAP Sample Name: 0907072-051A Operator: CT
Run Time: 07/27/09 12:12:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04400	76.75	.12082	6.9031	.00136	195.9	.07017
SDev	.00031	.52	.00160	.0555	.00002	1.6	.00061
%RSD	.71186	.6819	1.3214	.80348	1.5210	.8261	.87414
#1	.04364	76.15	.11925	6.8424	.00134	194.0	.06947
#2	.04420	77.14	.12079	6.9511	.00136	197.1	.07059
#3	.04416	76.95	.12244	6.9159	.00138	196.5	.07046

Elem	Co2286	Cr	Cu3247	Fe ✓	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12719	.99673	4.4147	503.44	8.321	68.56	8.0787
SDev	.00129	.00915	.0380	4.76	.072	.57	.0642
%RSD	1.0143	.91846	.86169	.94526	.8685	.8371	.79460
#1	.12571	.98620	4.3730	498.01	8.254	67.90	8.0059
#2	.12780	1.0028	4.4474	506.85	8.311	68.92	8.1273
#3	.12807	1.0012	4.4238	505.47	8.397	68.86	8.1028

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15690	4.027	.98887	3.9490	1.0701	1.7870	.18006
SDev	.00176	.027	.01023	.0319	.0086	.0152	.00147
%RSD	1.1196	.6670	1.0350	.80829	.80494	.84895	.81406
#1	.15498	3.997	.97705	3.9122	1.0605	1.7700	.17838
#2	.15844	4.037	.99504	3.9649	1.0771	1.7991	.18078
#3	.15727	4.048	.99451	3.9698	1.0728	1.7919	.18104

Elem	Zn2138	As1890	Tl1908	Pb ✓	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.738	.44337	-.03589	696.05	.01652	7.7961	S12.719
SDev	.105	.00405	.00143	5.51	.00037	.0360	.003
%RSD	.56229	.91331	3.9867	.79209	2.2235	.46181	.01974
#1	18.617	.43872	-.03695	689.79	.01692	7.7556	S12.716
#2	18.811	.44610	-.03647	700.18	.01643	7.8083	S12.720
#3	18.785	.44529	-.03426	698.18	.01620	7.8244	S12.721

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S11.012	.01771	.01592	7.6682	7.8602
SDev	.020	.00169	.00034	.0170	.0442
%RSD	.18206	9.5654	2.1178	.22203	.56222
#1	S11.034	.01966	.01555	7.6487	7.8104
#2	S11.006	.01687	.01621	7.6751	7.8756
#3	S10.996	.01659	.01600	7.6806	7.8947

Method: KICAP Sample Name: 0907072-052A Operator: CT
Run Time: 07/27/09 12:16:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03954	195.1	.17180	7.3869	.00340	317.3	.07718
SDev	.00047	2.9	.00091	.0473	.00001	1.7	.00033
%RSD	1.1789	1.475	.53062	.64030	.27756	.5379	.42205
#1	.03990	197.6	.17187	7.4282	.00341	318.8	.07754
#2	.03970	192.0	.17086	7.3353	.00340	315.4	.07690
#3	.03901	195.6	.17268	7.3972	.00339	317.6	.07712

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12408	.50185	4.4674	350.28	17.45	36.90	6.3270
SDev	.00029	.00232	.0296	1.94	.01	.16	.0344
%RSD	.23282	.46207	.66191	.55410	.0685	.4244	.54414
#1	.12434	.50374	4.4920	351.83	17.47	37.03	6.3563
#2	.12376	.49926	4.4346	348.11	17.44	36.73	6.2890
#3	.12413	.50255	4.4756	350.91	17.45	36.94	6.3356

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04825	24.65	.66022	1.9052	1.2428	2.4694	.28108
SDev	.00106	.15	.00325	.0091	.0074	.0144	.00149
%RSD	2.2008	.6144	.49262	.47635	.59804	.58437	.53003
#1	.04919	24.68	.66306	1.9140	1.2488	2.4818	.28246
#2	.04846	24.78	.65667	1.8959	1.2345	2.4536	.27950
#3	.04710	24.48	.66093	1.9057	1.2450	2.4728	.28128

Elem	Zn2138	As1890	Tl1908	Pb ✓	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.510	.27548	-.01250	596.91	.01095	8.1427	S12.762
SDev	.073	.00271	.00190	3.02	.00142	.0484	.007
%RSD	.26636	.98481	15.233	.50594	12.999	.59432	.05113
#1	27.593	.27861	-.01169	599.04	.01256	8.1052	S12.769
#2	27.483	.27379	-.01113	593.45	.00984	8.1256	S12.761
#3	27.454	.27403	-.01467	598.23	.01046	8.1973	S12.756

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S11.572	.01564	.00862	8.0209	8.2037
SDev	.029	.00247	.00135	.0887	.0619
%RSD	.24763	15.797	15.617	1.1058	.75501
#1	S11.579	.01753	.01008	7.9207	8.1988
#2	S11.596	.01284	.00835	8.0893	8.1444
#3	S11.540	.01653	.00743	8.0528	8.2680

Method: KICAP Sample Name: 0907072-053A Operator: CT
Run Time: 07/27/09 12:20:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02341	205.2	.11081	5.4029	.00427	166.3	.05119
SDev	.00046	.6	.00119	.0063	.00002	.4	.00035
%RSD	1.9416	.2795	1.0711	.11584	.56056	.2554	.67970
#1	.02289	204.6	.10958	5.3962	.00425	165.8	.05084
#2	.02373	205.7	.11089	5.4039	.00429	166.3	.05121
#3	.02361	205.4	.11195	5.4086	.00429	166.6	.05153

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09620	.88675	5.0119	183.22	11.59	36.48	10.526
SDev	.00096	.00393	.0084	.65	.09	.16	.027
%RSD	.99972	.44290	.16767	.35352	.7648	.4350	.25868
#1	.09516	.88259	5.0023	182.53	11.48	36.30	10.498
#2	.09637	.88727	5.0155	183.31	11.63	36.51	10.527
#3	.09706	.89040	5.0179	183.82	11.65	36.61	10.553

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24332	5.926	.55094	.48387	.98046	1.6008	.28448
SDev	.00124	.024	.00263	.00480	.00193	.0029	.00125
%RSD	.50946	.4114	.47772	.99190	.19718	.18383	.43806
#1	.24189	5.898	.54857	.47923	.97842	1.5975	.28316
#2	.24393	5.940	.55047	.48357	.98070	1.6016	.28464
#3	.24413	5.941	.55377	.48882	.98227	1.6032	.28563

Elem	Zn2138	As1890	Tl1908	Pb ✓	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.120	.13381	.00159	555.17	.00912	1.5551	S12.840
SDev	.046	.00144	.00188	1.70	.00062	.0050	.011
%RSD	.17114	1.0737	118.21	.30660	6.8184	.32144	.08709
#1	27.069	.13343	.00093	553.22	.00883	1.5493	S12.853
#2	27.131	.13540	.00013	556.34	.00870	1.5586	S12.834
#3	27.160	.13260	.00371	555.96	.00984	1.5572	S12.833

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S11.789	.01602	.00568	1.5078	1.5774
SDev	.015	.00170	.00154	.0206	.0026
%RSD	.13053	10.625	27.102	1.3653	.16253
#1	S11.805	.01485	.00583	1.4842	1.5804
#2	S11.789	.01797	.00407	1.5221	1.5761
#3	S11.774	.01524	.00714	1.5170	1.5758

Method: KICAP Sample Name: 0907072-054A Operator: CT
Run Time: 07/27/09 12:24:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01171	81.82	.11729	3.0934	.00350	136.8	.03207
SDev	.00025	.26	.00030	.0073	.00001	.3	.00010
%RSD	2.1010	.3169	.25576	.23678	.32116	.2015	.31884
#1	.01146	81.58	.11748	3.0865	.00350	136.6	.03195
#2	.01171	82.10	.11745	3.1011	.00351	137.1	.03215
#3	.01195	81.78	.11695	3.0926	.00349	136.7	.03209

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09416	.31149	2.2963	493.14	8.639	16.84	4.7413
SDev	.00021	.00076	.0046	1.14	.021	.02	.0097
%RSD	.22590	.24350	.20168	.23032	.2473	.1322	.20459
#1	.09403	.31090	2.2930	492.25	8.631	16.82	4.7350
#2	.09441	.31234	2.3016	494.42	8.622	16.87	4.7525
#3	.09405	.31123	2.2942	492.76	8.663	16.84	4.7365

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02406	3.116	.54115	.46174	.61439	1.3865	.16927
SDev	.00079	.006	.00151	.00299	.00155	.0031	.00075
%RSD	3.2688	.1918	.27923	.64711	.25253	.22046	.44260
#1	.02478	3.113	.53952	.46250	.61322	1.3842	.16843
#2	.02322	3.113	.54250	.46428	.61615	1.3900	.16985
#3	.02419	3.123	.54143	.45845	.61381	1.3853	.16955

Elem	Zn2138	As1890	Tl1908	Pb ✓	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.195	.21508	-.02520	335.42	.01549	8.8750	S13.578
SDev	.018	.00097	.00036	.58	.00087	.0256	.004
%RSD	.08661	.45142	1.4415	.17410	5.6159	.28837	.03072
#1	21.182	.21487	-.02553	334.97	.01603	8.8501	S13.575
#2	21.216	.21614	-.02481	336.08	.01448	8.8737	S13.583
#3	21.187	.21423	-.02525	335.22	.01594	8.9012	S13.576

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S13.521	.01110	.01768	8.7465	8.9392
SDev	.011	.00225	.00033	.0867	.0411
%RSD	.07827	20.256	1.8790	.99088	.46016
#1	S13.523	.01297	.01756	8.7508	8.9004
#2	S13.510	.00860	.01742	8.6578	8.9823
#3	S13.531	.01173	.01805	8.8310	8.9348

Method: KICAP Sample Name: 0907072-055A Operator: CT
Run Time: 07/27/09 12:28:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	79.66	.04616	3.9289	.00688	351.4	.01465
SDev	.00061	.26	.00015	.0102	.00003	.9	.00005
%RSD	73.265	.3233	.32940	.25838	.38580	.2511	.31315
#1	.00135	79.96	.04632	3.9392	.00690	352.4	.01470
#2	.00101	79.51	.04602	3.9286	.00689	351.4	.01460
#3	.00016	79.51	.04614	3.9189	.00685	350.6	.01465

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06999	.20623	.27278	128.81	14.32	103.0	3.0149
SDev	.00024	.00067	.00060	.33	.08	.3	.0080
%RSD	.34064	.32455	.22009	.25453	.5519	.2783	.26537
#1	.07026	.20693	.27343	129.14	14.41	103.3	3.0226
#2	.06984	.20617	.27225	128.81	14.25	102.9	3.0154
#3	.06986	.20559	.27267	128.49	14.30	102.7	3.0066

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00352	2.322	.14179	.05972	1.2375	2.3188	.24349
SDev	.00095	.010	.00065	.00135	.0038	.0054	.00083
%RSD	26.892	.4226	.46024	2.2580	.30764	.23229	.33940
#1	.00425	2.332	.14248	.06085	1.2410	2.3238	.24432
#2	.00245	2.313	.14172	.06008	1.2380	2.3195	.24349
#3	.00386	2.320	.14118	.05823	1.2335	2.3131	.24267

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6526	.06245	-.00566	12.041	.00831	.02209	11.471
SDev	.0211	.00108	.00082	.070	.00233	.00422	.060
%RSD	.21814	1.7304	14.467	.58316	28.050	19.108	.52281
#1	9.6751	.06322	-.00590	12.121	.00571	.02661	11.533
#2	9.6495	.06122	-.00633	12.013	.01022	.02139	11.466
#3	9.6333	.06292	-.00475	11.989	.00900	.01826	11.413

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	11.257	.00705	.00894	.02416	.02080
SDev	.039	.00343	.00302	.00694	.00292
%RSD	.34786	48.688	33.831	28.723	14.022
#1	11.281	.00423	.00645	.02880	.02402
#2	11.278	.00605	.01231	.02750	.01834
#3	11.212	.01087	.00806	.01618	.02005

Method: KICAP Sample Name: 0907072-004A Operator: CT
Run Time: 07/27/09 12:32:30
Comment:
Mode: CONC Corr. Factor: 10

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07963	83.53	.23489	9.3197	.01052	85.22	.05020
SDev	.00576	.12	.00408	.0179	.00015	.23	.00100
%RSD	7.2361	.1428	1.7388	.19246	1.3904	.2706	1.9961
#1	.07730	83.49	.23310	9.3072	.01039	85.43	.04937
#2	.08619	83.44	.23200	9.3117	.01049	84.97	.04992
#3	.07540	83.67	.23956	9.3402	.01068	85.24	.05132

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20267	1.6578	21.066	1561.6	10.79	26.14	91.597
SDev	.00420	.0079	.047	5.9	.11	.08	.299
%RSD	2.0727	.47689	.22433	.37863	1.007	.2941	.32677
#1	.19935	1.6529	21.042	1556.8	10.73	26.17	91.357
#2	.20127	1.6536	21.035	1559.8	10.73	26.05	91.501
#3	.20739	1.6669	21.120	1568.2	10.92	26.20	91.932

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02503	8.185	.57310	2.8326	1.3735	1.5893	.31625
SDev	.00292	.005	.00702	.0151	.0027	.0055	.00122
%RSD	11.661	.0663	1.2253	.53321	.19856	.34860	.38725
#1	.02503	8.191	.56697	2.8152	1.3723	1.5859	.31690
#2	.02211	8.181	.57157	2.8405	1.3716	1.5864	.31484
#3	.02795	8.184	.58076	2.8421	1.3766	1.5957	.31702

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.776	.60293	-.06337	891.09	.01997	22.637	S143.70
SDev	.092	.01300	.00999	1.99	.00373	.200	.04
%RSD	.35540	2.1557	15.760	.22296	18.676	.88400	.02995
#1	25.705	.59913	-.07464	889.41	.02101	22.476	S143.74
#2	25.744	.59225	-.05987	890.58	.02306	22.861	S143.70
#3	25.879	.61740	-.05561	893.28	.01583	22.575	S143.66

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S154.20	.02703	.01644	22.332	22.790
SDev	.03	.01311	.00407	.359	.147
%RSD	.01634	48.487	24.758	1.6080	.64583
#1	S154.22	.02084	.02110	21.964	22.724
#2	S154.17	.04209	.01356	22.682	22.958
#3	S154.21	.01816	.01466	22.350	22.687

Method: KICAP Sample Name: 0907072-005A Operator: CT
Run Time: 07/27/09 12:36:25
Comment:
Mode: CONC Corr. Factor: 10

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14469	74.22	.22017	9.7627	.00478	108.7	.18851
SDev	.00568	.23	.00345	.0274	.00015	.3	.00061
%RSD	3.9273	.3053	1.5651	.28050	3.2111	.2662	.32425
#1	.14332	73.96	.21706	9.7454	.00465	108.3	.18784
#2	.13983	74.34	.21958	9.7943	.00474	108.9	.18863
#3	.15094	74.36	.22387	9.7484	.00495	108.8	.18905

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32218	.72219	23.597	1145.2	11.05	35.03	544.24
SDev	.00344	.00550	.059	3.7	.24	.11	.97
%RSD	1.0683	.76147	.25132	.31948	2.214	.3155	.17848
#1	.31928	.71716	23.544	1141.1	10.96	34.91	543.34
#2	.32127	.72134	23.661	1148.1	10.86	35.08	545.27
#3	.32598	.72806	23.585	1146.3	11.33	35.11	544.10

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05114	9.922	.81631	16.778	2.0441	2.0898	.47580
SDev	.00345	.025	.00346	.059	.0048	.0076	.00308
%RSD	6.7509	.2471	.42331	.34898	.23521	.36429	.64672
#1	-.05178	9.895	.81299	16.720	2.0403	2.0811	.47654
#2	-.04740	9.926	.81605	16.838	2.0495	2.0953	.47242
#3	-.05422	9.944	.81988	16.775	2.0425	2.0929	.47843

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.414	1.4096	-.01083	1015.3	.11819	69.189	S143.30
SDev	.224	.0088	.00558	2.5	.00367	.263	.03
%RSD	.25945	.62472	51.575	.24755	3.1087	.38002	.02081
#1	86.193	1.4098	-.01613	1012.5	.11964	68.888	S143.34
#2	86.642	1.4007	-.01135	1017.4	.11401	69.303	S143.28
#3	86.407	1.4183	-.00500	1016.0	.12092	69.375	S143.30

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S153.21	.19391	.08039	68.065	69.747
SDev	.05	.02236	.01632	1.030	.337
%RSD	.02953	11.533	20.299	1.5129	.48339
#1	S153.23	.19626	.08139	67.082	69.782
#2	S153.25	.21500	.06359	69.136	69.393
#3	S153.16	.17046	.09618	67.978	70.065

Method: KICAP Sample Name: 0907072-007A Operator: CT
Run Time: 07/27/09 12:40:19
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02308	69.16	.12551	6.3605	.00923	221.2	.02221
SDev	.00306	.12	.00177	.0057	.00009	.2	.00027
%RSD	13.256	.1791	1.4089	.08969	.96586	.0766	1.2052
#1	.02104	69.30	.12520	6.3615	.00928	221.4	.02252
#2	.02659	69.07	.12741	6.3544	.00928	221.1	.02201
#3	.02159	69.11	.12392	6.3656	.00912	221.1	.02211

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42582	.88187	4.0345	246.18	8.217	84.38	3.6343
SDev	.00140	.00159	.0057	.16	.129	.13	.0432
%RSD	.32839	.18054	.14231	.06324	1.575	.1577	1.1886
#1	.42690	.88262	4.0404	246.32	8.290	84.49	3.6834
#2	.42632	.88294	4.0290	246.21	8.292	84.42	3.6175
#3	.42424	.88004	4.0341	246.01	8.067	84.23	3.6020

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03538	2.182	.51658	.59559	1.0683	2.7963	.27486
SDev	.00446	.013	.00044	.00686	.0009	.0027	.00183
%RSD	12.604	.5768	.08535	1.1513	.08706	.09772	.66510
#1	.04025	2.194	.51683	.60168	1.0689	2.7992	.27365
#2	.03149	2.183	.51607	.59693	1.0672	2.7938	.27696
#3	.03441	2.169	.51683	.58816	1.0687	2.7958	.27398

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.5906	1.4304	.03349	369.82	.01035	8.4661	384.26
SDev	.0080	.0029	.00486	.66	.00452	.0211	.38
%RSD	.14342	.20247	14.501	.17848	43.659	.24949	.09921
#1	5.5997	1.4290	.03146	370.52	.00579	8.4581	383.94
#2	5.5849	1.4285	.03903	369.20	.01043	8.4900	384.15
#3	5.5871	1.4337	.02998	369.73	.01483	8.4501	384.68

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	380.37	-.00335	.01719	8.3574	8.5216
SDev	2.01	.02540	.01943	.0797	.0113
%RSD	.52859	758.45	112.99	.95345	.13264
#1	380.18	.02383	-.00321	8.3410	8.5240
#2	382.46	-.00739	.01933	8.4441	8.5093
#3	378.46	-.02649	.03546	8.2873	8.5315

Method: KICAP Sample Name: CCVH3 Operator: CT
Run Time: 07/27/09 12:44:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	.0189	.00786	.00095	.00010	49.28	.00077
SDev	.00061	.0044	.00083	.00022	.00002	.19	.00010
%RSD	89.758	23.11	10.596	22.790	18.473	.3856	12.756
#1	.00131	.0237	.00876	.00120	.00012	49.08	.00088
#2	.00065	.0180	.00771	.00083	.00009	49.30	.00069
#3	.00009	.0151	.00711	.00083	.00009	49.46	.00074
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00381	5.2361	.00044	10.311	.3165	.0328	.00114
SDev	.00032	.0050	.00017	.031	.0331	.0043	.00023
%RSD	8.3403	.09629	39.803	.29607	10.45	13.24	19.947
#1	.00418	5.2373	.00058	10.282	.3541	.0378	.00135
#2	.00363	5.2405	.00049	10.309	.3037	.0303	.00090
#3	.00363	5.2306	.00025	10.343	.2918	.0303	.00116
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00126	51.56	.00049	.00377	.00036	.00236	.00013
SDev	.00037	.09	.00027	.00063	.00006	.00029	.00055
%RSD	29.111	.1810	55.001	16.731	18.210	12.280	434.13
#1	-.00152	51.46	.00077	.00332	.00043	.00270	.00064
#2	-.00084	51.64	.00023	.00349	.00032	.00220	.00021
#3	-.00143	51.59	.00046	.00449	.00032	.00220	-.00046
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00264	-.00210	.00771	10.111	-.00234	.00124	10.128
SDev	.00010	.00070	.00138	.044	.00123	.00074	.032
%RSD	3.9033	33.568	17.931	.43264	52.473	59.562	.31227
#1	.00276	-.00227	.00914	10.065	-.00094	.00209	10.144
#2	.00258	-.00132	.00762	10.118	-.00325	.00092	10.148
#3	.00258	-.00270	.00638	10.152	-.00282	.00072	10.091
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.010	-.00458	-.00122	-.00155	.00313
SDev	.042	.00230	.00206	.00473	.00052
%RSD	.41632	50.301	168.38	304.95	16.469
#1	9.9963	-.00475	.00095	.00388	.00269
#2	9.9775	-.00680	-.00148	-.00477	.00301
#3	10.057	-.00220	-.00313	-.00376	.00370
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV3 Operator: CT
Run Time: 07/27/09 12:48:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24913	4.890	.51592	.51153	.49758	9.994	.51705
SDev	.00072	.010	.00153	.00120	.00116	.020	.00094
%RSD	.29039	.2039	.29737	.23528	.23244	.2025	.18191
#1	.24909	4.879	.51419	.51035	.49661	9.986	.51652
#2	.24987	4.899	.51710	.51275	.49886	10.02	.51813
#3	.24843	4.890	.51647	.51148	.49729	9.980	.51649
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51413	.51116	.50341	.99107	11.42	10.24	.48906
SDev	.00063	.00126	.00161	.00240	.07	.01	.00108
%RSD	.12253	.24664	.31873	.24250	.6006	.1363	.22075
#1	.51356	.51028	.50161	.98979	11.50	10.23	.48814
#2	.51481	.51261	.50468	.99385	11.40	10.25	.49025
#3	.51404	.51060	.50395	.98958	11.37	10.23	.48878
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51119	10.30	.51490	.50765	.49077	.48582	.50674
SDev	.00406	.05	.00116	.00229	.00114	.00138	.00132
%RSD	.79419	.4820	.22533	.45034	.23138	.28511	.26054
#1	.50650	10.36	.51408	.50604	.48973	.48472	.50556
#2	.51361	10.29	.51623	.51027	.49198	.48738	.50817
#3	.51346	10.26	.51439	.50665	.49060	.48536	.50650
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50529	.50285	.51243	.50382	.49681	.49616	.50535
SDev	.00111	.00210	.00276	.00115	.00265	.00062	.00085
%RSD	.22009	.41833	.53767	.22752	.53364	.12524	.16847
#1	.50417	.50098	.50967	.50418	.49446	.49682	.50440
#2	.50639	.50513	.51518	.50254	.49629	.49559	.50564
#3	.50531	.50245	.51245	.50475	.49969	.49606	.50603
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.50306	.50386	.49329	.48887	.49954	
SDev	.00179	.00123	.00337	.00161	.00072	
%RSD	.35540	.24382	.68374	.32845	.14419	
#1	.50407	.50263	.49038	.48970	.50038	
#2	.50099	.50387	.49251	.48702	.49911	
#3	.50411	.50508	.49699	.48990	.49914	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB3 Operator: CT
Run Time: 07/27/09 12:52:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	.0219	.00722	.00108	.00020	-.0207	.00114
SDev	.00070	.0030	.00014	.00009	.00006	.0011	.00004
%RSD	61.904	13.85	1.8770	8.0559	29.876	5.422	3.6291
#1	.00038	.0185	.00735	.00098	.00027	-.0195	.00109
#2	.00125	.0230	.00723	.00113	.00018	-.0209	.00116
#3	.00176	.0242	.00708	.00113	.00016	-.0217	.00116

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00462	.00465	.00046	.00400	.3680	.0320	.00053
SDev	.00030	.00037	.00029	.00030	.0293	.0016	.00004
%RSD	6.4091	8.0223	62.672	7.5163	7.973	4.978	7.0305
#1	.00429	.00423	.00024	.00434	.3350	.0303	.00057
#2	.00472	.00477	.00078	.00389	.3777	.0325	.00051
#3	.00486	.00495	.00034	.00376	.3913	.0334	.00051

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	.0148	.00059	.00467	.00032	.00210	.00060
SDev	.00096	.0009	.00022	.00131	.00003	.00006	.00041
%RSD	97.071	6.246	37.341	28.133	9.7502	2.7047	67.586
#1	.00144	.0138	.00046	.00378	.00035	.00207	.00016
#2	.00164	.0155	.00047	.00404	.00032	.00207	.00069
#3	-.00011	.0153	.00085	.00618	.00029	.00216	.00095

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00144	.00007	.01308	.00465	-.00252	-.00075	.00140
SDev	.00005	.00068	.00013	.00005	.00146	.00106	.00158
%RSD	3.7099	1024.1	.97094	1.1003	57.708	140.89	112.52
#1	.00143	.00022	.01311	.00470	-.00104	-.00058	.00298
#2	.00150	-.00068	.01320	.00466	-.00395	-.00189	.00139
#3	.00140	.00066	.01295	.00460	-.00259	.00021	-.00017

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00628	-.00414	-.00172	.00076	-.00151
SDev	.00071	.00284	.00078	.00251	.00034
%RSD	11.328	68.710	45.536	331.08	22.609
#1	.00556	-.00110	-.00100	.00129	-.00151
#2	.00630	-.00673	-.00256	-.00198	-.00185
#3	.00698	-.00458	-.00160	.00297	-.00117

Method: KICAP Sample Name: 0907072-008A Operator: CT
Run Time: 07/27/09 12:55:56
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01007	66.64	.12155	13.683	.01169	506.7	.02003
SDev	.00231	.04	.00081	.039	.00003	1.1	.00032
%RSD	22.960	.0598	.66578	.28395	.22182	.2120	1.5859
#1	.00808	66.61	.12103	13.714	.01169	507.4	.01978
#2	.00952	66.68	.12115	13.695	.01166	507.2	.01993
#3	.01261	66.62	.12249	13.639	.01171	505.4	.02039

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26441	.28034	1.8480	125.17	8.680	46.10	3.3226
SDev	.00100	.00126	.0044	.27	.122	.05	.0093
%RSD	.37724	.45054	.23842	.21172	1.405	.1144	.27948
#1	.26327	.27888	1.8516	125.37	8.575	46.13	3.3297
#2	.26510	.28097	1.8492	125.27	8.653	46.13	3.3261
#3	.26486	.28115	1.8431	124.87	8.814	46.04	3.3121

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01936	2.871	.27992	.16661	3.4991	2.8842	.21068
SDev	.00543	.007	.00193	.00327	.0107	.0057	.00301
%RSD	28.066	.2454	.68869	1.9601	.30489	.19727	1.4305
#1	.01766	2.866	.27813	.16286	3.5077	2.8888	.20751
#2	.02544	2.868	.28196	.16883	3.5024	2.8859	.21102
#3	.01498	2.879	.27966	.16813	3.4872	2.8778	.21350

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.2635	.18344	.02309	100.86	.01091	.62100	102.49
SDev	.0167	.00513	.00335	.15	.00239	.00489	.49
%RSD	.26738	2.7949	14.512	.14462	21.949	.78744	.47838
#1	6.2768	.17893	.02206	100.89	.01278	.62463	102.09
#2	6.2691	.18902	.02038	100.99	.00821	.62293	102.33
#3	6.2447	.18238	.02684	100.70	.01173	.61544	103.04

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	101.17	-.00645	.01957	.64601	.60851
SDev	.74	.00119	.00310	.00353	.00617
%RSD	.73347	18.412	15.827	.54601	1.0146
#1	100.31	-.00617	.02224	.64991	.60451
#2	101.64	-.00774	.01617	.64508	.61562
#3	101.56	-.00542	.02029	.64305	.60540

Method: KICAP Sample Name: 0907072-009A Operator: CT
Run Time: 07/27/09 12:59:50
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02666	44.44	.08002	1.7122	.00409	1354.	.04123
SDev	.00607	.19	.00301	.0068	.00002	5.	.00035
%RSD	22.788	.4205	3.7563	.39535	.37839	.3458	.84987
#1	.02586	44.28	.08130	1.7075	.00410	1350.	.04143
#2	.02102	44.64	.07658	1.7199	.00407	1359.	.04083
#3	.03309	44.39	.08216	1.7090	.00409	1354.	.04144

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04196	.17028	2.7422	160.82	4.728	14.45	3.0273
SDev	.00222	.00114	.0102	.55	.159	.02	.0103
%RSD	5.2958	.67238	.37096	.34417	3.359	.1566	.34114
#1	.04352	.17071	2.7341	160.31	4.787	14.43	3.0195
#2	.03941	.16899	2.7536	161.41	4.549	14.47	3.0390
#3	.04293	.17115	2.7390	160.74	4.850	14.46	3.0234

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00526	1.809	.21792	1.3236	1.1646	1.3302	.08557
SDev	.00148	.007	.00133	.0082	.0044	.0058	.00259
%RSD	28.132	.3799	.61049	.62019	.38089	.43793	3.0287
#1	.00623	1.808	.21869	1.3198	1.1612	1.3255	.08480
#2	.00356	1.804	.21639	1.3330	1.1696	1.3367	.08345
#3	.00599	1.817	.21869	1.3179	1.1629	1.3283	.08846

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.2982	.98308	.00519	752.69	.00559	50.539	S71.136
SDev	.0250	.00732	.00617	3.26	.00808	.318	.015
%RSD	.34318	.74437	118.84	.43325	144.42	.62824	.02042
#1	7.2763	.98937	.01216	749.41	-.00284	50.181	S71.146
#2	7.3255	.98482	.00040	755.93	.00636	50.650	S71.142
#3	7.2927	.97505	.00302	752.72	.01326	50.787	S71.119

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S74.800	.00546	.00566	50.073	50.772
SDev	.006	.01288	.01480	.783	.151
%RSD	.00823	236.02	261.46	1.5646	.29808
#1	S74.793	.00191	-.00521	49.172	50.693
#2	S74.804	.01974	-.00032	50.595	50.677
#3	S74.804	-.00528	.02251	50.452	50.947

Method: KICAP Sample Name: 0907072-019A Operator: CT
Run Time: 07/27/09 13:03:44
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08648	27.71	.10343	1.7149	.00267	109.3	.02007
SDev	.00187	.09	.00105	.0074	.00005	.4	.00026
%RSD	2.1671	.3381	1.0159	.43079	1.8591	.3548	1.3117
#1	.08859	27.64	.10257	1.7064	.00262	108.9	.01980
#2	.08503	27.68	.10460	1.7188	.00267	109.5	.02033
#3	.08582	27.82	.10312	1.7196	.00272	109.6	.02009

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05722	.14672	2.7374	187.38	5.529	19.42	2.0644
SDev	.00035	.00058	.0135	1.13	.016	.09	.0109
%RSD	.61403	.39445	.49492	.60135	.2866	.4541	.52792
#1	.05689	.14606	2.7221	186.08	5.531	19.32	2.0519
#2	.05718	.14698	2.7424	187.92	5.512	19.45	2.0694
#3	.05759	.14712	2.7478	188.13	5.543	19.48	2.0719

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01345	.7484	.20519	4.0553	.51489	1.0439	.09379
SDev	.00341	.0011	.00059	.0402	.00255	.0052	.00032
%RSD	25.340	.1456	.28516	.99065	.49538	.49721	.33812
#1	.00964	.7496	.20506	4.0101	.51198	1.0380	.09347
#2	.01621	.7474	.20583	4.0688	.51595	1.0458	.09378
#3	.01451	.7483	.20468	4.0869	.51674	1.0478	.09411

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8885	.77747	.03885	797.99	.00259	130.66	S70.947
SDev	.0107	.00659	.00611	3.63	.00326	.78	.015
%RSD	.56878	.84791	15.737	.45431	125.78	.59380	.02132
#1	1.8762	.77448	.03182	794.21	.00402	130.12	S70.950
#2	1.8935	.77290	.04289	798.32	-.00114	130.31	S70.960
#3	1.8959	.78502	.04185	801.43	.00490	131.55	S70.930

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S74.371	.00801	-.00011	129.59	131.19
SDev	.022	.00341	.00586	1.61	.39
%RSD	.02910	42.599	5160.8	1.2430	.30062
#1	S74.394	.01059	.00073	128.75	130.81
#2	S74.367	.00931	-.00636	128.58	131.17
#3	S74.352	.00414	.00528	131.45	131.59

Method: KICAP Sample Name: 0907072-019AMS Operator: CT
Run Time: 07/27/09 13:07:38
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12142	38.65	1.0994	2.8896	.41870	162.0	.43020
SDev	.00385	.57	.0140	.0476	.00654	2.5	.00647
%RSD	3.1718	1.477	1.2725	1.6474	1.5625	1.512	1.5032
#1	.12124	39.10	1.1080	2.9231	.42337	163.8	.43453
#2	.11766	38.86	1.1069	2.9107	.42151	163.0	.43331
#3	.12536	38.01	1.0832	2.8351	.41122	159.2	.42277

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48322	.58520	2.1272	206.90	28.69	47.25	2.7478
SDev	.00506	.00771	.0327	3.15	.21	.69	.0428
%RSD	1.0464	1.3172	1.5394	1.5237	.7449	1.470	1.5572
#1	.48783	.59140	2.1499	209.11	28.93	47.77	2.7778
#2	.48402	.58763	2.1420	208.30	28.59	47.51	2.7668
#3	.47781	.57657	2.0897	203.29	28.54	46.46	2.6988

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39358	22.07	.64208	1.5105	.99726	1.8684	.52192
SDev	.00688	.26	.00675	.0234	.01566	.0286	.00512
%RSD	1.7485	1.171	1.0507	1.5508	1.5706	1.5293	.98031
#1	.39934	22.30	.64923	1.5256	1.0083	1.8886	.52710
#2	.39545	22.11	.64119	1.5223	1.0042	1.8808	.52179
#3	.38596	21.79	.63583	1.4835	.97933	1.8357	.51687

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4513	.89160	.42157	477.19	.39712	26.418	S71.813
SDev	.0385	.01587	.00844	6.76	.00426	.337	.009
%RSD	1.5707	1.7794	2.0033	1.4164	1.0719	1.2770	.01313
#1	2.4789	.90711	.41352	481.96	.39482	26.660	S71.813
#2	2.4677	.89229	.42083	480.16	.40204	26.562	S71.803
#3	2.4073	.87540	.43036	469.46	.39451	26.033	S71.822

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S76.863	.41680	.38730	26.207	26.527
SDev	.049	.02423	.00914	.386	.313
%RSD	.06373	5.8137	2.3609	1.4742	1.1807
#1	S76.835	.42638	.37907	26.418	26.776
#2	S76.835	.43478	.38569	26.443	26.629
#3	S76.920	.38924	.39714	25.762	26.175

Method: KICAP Sample Name: 0907072-019AMSD Operator: CT
Run Time: 07/27/09 13:11:32
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13407	39.52	1.1207	3.0919	.42712	167.8	.43952
SDev	.00217	.56	.0168	.0453	.00698	2.7	.00714
%RSD	1.6165	1.406	1.4980	1.4644	1.6332	1.610	1.6246
#1	.13656	40.04	1.1377	3.1309	.43320	170.3	.44629
#2	.13259	39.58	1.1202	3.1024	.42865	168.3	.44022
#3	.13306	38.94	1.1041	3.0422	.41950	164.9	.43206

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49654	.59830	2.2624	229.50	29.39	48.44	2.8758
SDev	.00875	.00913	.0352	3.55	.36	.73	.0441
%RSD	1.7613	1.5256	1.5574	1.5467	1.235	1.508	1.5322
#1	.50532	.60660	2.2901	232.68	29.79	49.11	2.9146
#2	.49647	.59977	2.2744	230.16	29.30	48.55	2.8850
#3	.48783	.58852	2.2228	225.67	29.08	47.66	2.8279

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39066	22.64	.65740	2.0037	1.0543	1.9693	.53525
SDev	.00356	.25	.00615	.0376	.0156	.0288	.00611
%RSD	.91161	1.090	.93520	1.8775	1.4825	1.4608	1.1423
#1	.39010	22.88	.66379	2.0420	1.0676	1.9941	.54162
#2	.39448	22.67	.65689	2.0023	1.0581	1.9760	.53469
#3	.38742	22.39	.65153	1.9668	1.0371	1.9378	.52943

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5243	1.0849	.42810	596.25	.40488	37.826	S71.455
SDev	.0404	.0152	.01417	8.51	.01085	.597	.051
%RSD	1.6003	1.3982	3.3101	1.4266	2.6786	1.5794	.07146
#1	2.5596	1.0985	.44427	603.52	.41340	38.252	S71.401
#2	2.5329	1.0877	.42217	598.35	.40857	38.084	S71.464
#3	2.4803	1.0685	.41785	586.90	.39268	37.143	S71.502

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S75.970	.39269	.41097	37.725	37.878
SDev	.065	.02071	.01184	.933	.428
%RSD	.08490	5.2747	2.8818	2.4732	1.1307
#1	S75.918	.39113	.42452	38.346	38.201
#2	S75.950	.41414	.40579	38.178	38.041
#3	S76.042	.37280	.40260	36.652	37.392

Method: KICAP Sample Name: 0907072-019ASD Operator: CT
Run Time: 07/27/09 13:15:26
Comment:
Mode: CONC Corr. Factor: 25

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10151	29.49	.24467	1.8004	.00483	110.3	.04128
SDev	.01664	.20	.00671	.0105	.00001	.5	.00054
%RSD	16.389	.6905	2.7410	.58118	.10677	.4680	1.3102
#1	.08722	29.36	.25062	1.7985	.00483	110.3	.04079
#2	.09754	29.40	.24599	1.7910	.00483	109.9	.04117
#3	.11978	29.73	.23740	1.8117	.00482	110.9	.04186

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15627	.24305	2.8338	202.59	12.89	21.46	2.1745
SDev	.00660	.00486	.0190	1.18	.40	.11	.0111
%RSD	4.2219	1.9980	.67104	.58452	3.107	.5333	.50892
#1	.14879	.23776	2.8159	202.16	12.58	21.39	2.1721
#2	.15879	.24408	2.8318	201.69	13.35	21.40	2.1648
#3	.16124	.24730	2.8538	203.93	12.75	21.60	2.1865

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01093	1.089	.21755	4.3052	.54114	1.1319	.09577
SDev	.00575	.012	.01106	.0811	.00255	.0085	.01124
%RSD	52.586	1.099	5.0836	1.8836	.47223	.75096	11.739
#1	.01539	1.079	.20478	4.2559	.54114	1.1269	.08413
#2	.00444	1.102	.22393	4.2610	.53858	1.1270	.09661
#3	.01296	1.087	.22393	4.3988	.54370	1.1417	.10657

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9915	.78786	.26310	835.38	-.01372	133.99	853.18
SDev	.0137	.02175	.02115	4.39	.00159	1.58	11.52
%RSD	.69015	2.7601	8.0403	.52582	11.601	1.1817	1.3506
#1	1.9873	.78246	.26236	833.67	-.01325	132.61	843.84
#2	1.9803	.76932	.24233	832.10	-.01550	133.63	849.66
#3	2.0068	.81179	.28462	840.37	-.01242	135.71	866.06

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	842.00	-.02426	-.00846	132.11	134.90
SDev	4.79	.06166	.03202	.92	1.97
%RSD	.56832	254.23	378.29	.69590	1.4587
#1	836.52	.02669	-.03318	131.11	133.33
#2	844.09	-.00665	-.01992	132.31	134.26
#3	845.38	-.09281	.02771	132.92	137.11

Method: KICAP Sample Name: 0907072-019APDS Operator: CT
Run Time: 07/27/09 13:19:21
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55951	36.15	5.3413	3.5700	2.0107	202.7	2.0174
SDev	.00465	.14	.0358	.0202	.0117	2.3	.0090
%RSD	.83179	.3750	.67111	.56570	.58367	1.151	.44573
#1	.56025	36.18	5.3383	3.5824	2.0160	201.1	2.0197
#2	.55454	36.01	5.3070	3.5467	1.9973	205.4	2.0075
#3	.56376	36.28	5.3785	3.5809	2.0189	201.5	2.0251

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0502	2.1284	4.6148	189.35	136.8	117.1	3.8820
SDev	.0108	.0104	.0267	1.02	.4	.5	.0205
%RSD	.52837	.48749	.57933	.53792	.2798	.4565	.52922
#1	2.0520	2.1308	4.6279	189.63	136.3	117.1	3.8904
#2	2.0386	2.1171	4.5840	188.22	137.1	116.5	3.8586
#3	2.0601	2.1374	4.6323	190.20	136.9	117.6	3.8970

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0130	109.2	2.2288	5.9533	2.3874	3.0704	2.0966
SDev	.0096	.5	.0110	.0350	.0132	.0176	.0121
%RSD	.47507	.4183	.49434	.58777	.55133	.57197	.57715
#1	2.0058	108.7	2.2305	5.9428	2.3956	3.0767	2.1013
#2	2.0093	109.5	2.2170	5.9247	2.3722	3.0505	2.0829
#3	2.0238	109.4	2.2389	5.9923	2.3944	3.0839	2.1057

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.8395	2.8007	2.0502	763.22	1.9888	129.37	S71.032
SDev	.0240	.0169	.0147	4.28	.0055	.71	.018
%RSD	.62424	.60500	.71757	.56127	.27805	.54529	.02521
#1	3.8500	2.8129	2.0463	764.53	1.9836	129.08	S71.028
#2	3.8121	2.7814	2.0378	758.44	1.9881	128.85	S71.051
#3	3.8564	2.8080	2.0665	766.70	1.9946	130.17	S71.016

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S74.688	2.0014	1.9825	128.36	129.87
SDev	.029	.0159	.0098	.94	.59
%RSD	.03939	.79693	.49340	.72925	.45781
#1	S74.714	1.9868	1.9821	128.08	129.58
#2	S74.695	2.0184	1.9729	127.59	129.48
#3	S74.656	1.9990	1.9925	129.40	130.56

Method: KICAP Sample Name: 0907072-034A Operator: CT
Run Time: 07/27/09 13:23:15
Comment:
Mode: CONC Corr. Factor: 10

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01727	22.63	.13604	.56052	.00336	18.36	.01564
SDev	.00645	.14	.01854	.00378	.00059	.15	.00191
%RSD	37.345	.6390	13.626	.67500	17.656	.8208	12.183
#1	.01012	22.76	.15190	.56453	.00396	18.53	.01700
#2	.02266	22.65	.14056	.56002	.00334	18.33	.01646
#3	.01901	22.47	.11566	.55701	.00278	18.23	.01346

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09968	.09768	.38434	303.48	5.226	1.957	6.0732
SDev	.00804	.00612	.00229	1.53	.410	.063	.0294
%RSD	8.0672	6.2679	.59696	.50419	7.849	3.235	.48431
#1	.10253	.09983	.38522	305.07	5.302	2.008	6.1050
#2	.10591	.10244	.38173	303.36	5.592	1.978	6.0676
#3	.09060	.09078	.38606	302.01	4.783	1.886	6.0470

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01427	.5218	.26335	.11677	.25723	1.0106	.06528
SDev	.00781	.0354	.00426	.02078	.00189	.0084	.00412
%RSD	54.712	6.775	1.6157	17.792	.73604	.83102	6.3109
#1	.02173	.5500	.26411	.13001	.25920	1.0184	.06071
#2	.00616	.5334	.25876	.12748	.25707	1.0115	.06871
#3	.01492	.4822	.26717	.09282	.25542	1.0017	.06642

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4129	.05176	.10644	259.39	-.01040	.62600	266.22
SDev	.0124	.00693	.03149	1.59	.01459	.09026	.59
%RSD	.51216	13.391	29.586	.61356	140.35	14.419	.22236
#1	2.4271	.05787	.12286	261.13	-.02677	.72584	265.59
#2	2.4069	.04423	.12633	259.02	-.00565	.60198	266.77
#3	2.4046	.05318	.07013	258.01	.00123	.55018	266.30

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	264.47	-.00444	-.01337	.68741	.59035
SDev	1.21	.01172	.01778	.12748	.06746
%RSD	.45795	263.99	132.98	18.545	11.428
#1	264.19	-.01658	-.03186	.82721	.66775
#2	265.80	.00680	-.01187	.65744	.55931
#3	263.43	-.00353	.00361	.57760	.54398

Method: KICAP Sample Name: 0907072-037A Operator: CT
Run Time: 07/27/09 13:27:10
Comment:
Mode: CONC Corr. Factor: 50

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08178	33.51	.40861	3.8977	.00880	53.18	.11102
SDev	.05037	.17	.00769	.0075	.00015	.14	.00113
%RSD	61.588	.5142	1.8812	.19285	1.6468	.2559	1.0159
#1	.13712	33.51	.41297	3.8977	.00888	53.22	.11218
#2	.06961	33.68	.41313	3.9052	.00889	53.29	.10993
#3	.03862	33.34	.39974	3.8902	.00863	53.03	.11094

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30361	.38905	5.2198	274.14	25.81	16.65	2.2526
SDev	.01057	.00561	.0244	.42	.25	.02	.0071
%RSD	3.4805	1.4415	.46809	.15237	.9651	.1498	.31558
#1	.29165	.38298	5.2433	274.44	25.55	16.67	2.2600
#2	.30750	.39403	5.2214	274.32	26.05	16.62	2.2519
#3	.31168	.39013	5.1945	273.67	25.84	16.67	2.2458

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00327	2.415	.42508	1.2344	.69427	2.3137	.18456
SDev	.03534	.007	.02390	.0353	.00237	.0062	.02988
%RSD	1081.0	.3059	5.6233	2.8623	.34166	.26766	16.192
#1	.03322	2.407	.44420	1.2670	.69676	2.3195	.21901
#2	-.00570	2.419	.39828	1.1969	.69401	2.3072	.16568
#3	-.03733	2.420	.43274	1.2393	.69204	2.3145	.16898

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.3419	.15021	.65935	788.67	-.07706	33.702	798.96
SDev	.0052	.05777	.05363	3.32	.09574	.243	7.78
%RSD	.07090	38.463	8.1337	.42137	124.24	.72062	.97363
#1	7.3409	.14084	.63492	790.08	-.06568	33.883	807.94
#2	7.3475	.21209	.72084	791.06	-.17799	33.796	794.37
#3	7.3372	.09769	.62228	784.88	.01248	33.426	794.58

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	786.53	-.03131	-.09990	33.183	33.986
SDev	7.35	.13422	.07698	.527	.440
%RSD	.93403	428.65	77.054	1.5893	1.2952
#1	780.90	-.00234	-.09729	32.765	34.479
#2	794.84	-.17765	-.17815	33.776	33.843
#3	783.87	.08606	-.02426	33.009	33.634

Method: KICAP Sample Name: CCVH4 Operator: CT
Run Time: 07/27/09 13:31:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	.0279	.00842	.00085	.00010	49.55	.00087
SDev	.00055	.0046	.00070	.00016	.00002	.21	.00012
%RSD	89.539	16.49	8.2878	18.368	18.545	.4205	13.374
#1	.00074	.0323	.00879	.00098	.00011	49.32	.00097
#2	.00107	.0283	.00885	.00090	.00011	49.64	.00090
#3	.00001	.0231	.00761	.00068	.00008	49.70	.00074
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00390	5.2662	.00010	10.362	.3470	.0328	.00027
SDev	.00050	.0194	.00043	.037	.0406	.0043	.00008
%RSD	12.879	.36901	413.23	.35726	11.71	13.11	30.911
#1	.00425	5.2527	.00044	10.320	.3825	.0365	.00031
#2	.00414	5.2884	.00026	10.387	.3557	.0338	.00031
#3	.00333	5.2574	-.00038	10.380	.3027	.0281	.00017
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00072	51.89	.00077	.00583	.00035	.00251	.00050
SDev	.00073	.16	.00035	.00227	.00005	.00036	.00030
%RSD	102.20	.3029	45.626	38.851	13.907	14.145	59.577
#1	-.00065	52.06	.00108	.00816	.00040	.00288	.00051
#2	-.00002	51.88	.00085	.00571	.00036	.00246	.00080
#3	-.00148	51.75	.00039	.00363	.00030	.00218	.00020
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00212	-.00257	.00885	10.126	-.00184	.00215	10.169
SDev	.00012	.00150	.00057	.014	.00049	.00135	.034
%RSD	5.4835	58.458	6.4120	.14195	26.786	62.919	.33384
#1	.00199	-.00130	.00863	10.110	-.00147	.00257	10.142
#2	.00214	-.00218	.00949	10.131	-.00240	.00324	10.159
#3	.00222	-.00423	.00842	10.138	-.00165	.00064	10.207
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.027	-.00466	-.00043	.00048	.00248
SDev	.033	.00202	.00085	.00299	.00116
%RSD	.32460	43.252	194.57	621.91	46.601
#1	9.9897	-.00235	-.00103	-.00046	.00333
#2	10.044	-.00561	-.00080	.00382	.00295
#3	10.048	-.00603	.00053	-.00192	.00117
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV4 Operator: CT
Run Time: 07/27/09 13:35:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24689	4.990	.51309	.51108	.49434	9.930	.51442
SDev	.00049	.009	.00094	.00086	.00036	.012	.00006
%RSD	.19917	.1708	.18346	.16920	.07271	.1197	.01169
#1	.24737	4.992	.51214	.51193	.49467	9.944	.51447
#2	.24691	4.997	.51310	.51110	.49439	9.924	.51435
#3	.24639	4.981	.51402	.51020	.49396	9.922	.51443
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51072	.50746	.50057	.98120	11.41	10.19	.48619
SDev	.00017	.00011	.00108	.00135	.02	.01	.00023
%RSD	.03273	.02235	.21610	.13767	.2033	.0610	.04761
#1	.51089	.50750	.50156	.98275	11.41	10.19	.48644
#2	.51071	.50733	.50073	.98033	11.38	10.19	.48611
#3	.51056	.50754	.49942	.98050	11.43	10.20	.48600
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50926	10.33	.51124	.50316	.48739	.48397	.50283
SDev	.00148	.02	.00100	.00143	.00068	.00051	.00026
%RSD	.29016	.1527	.19641	.28477	.13920	.10576	.05142
#1	.50762	10.34	.51109	.50239	.48804	.48414	.50296
#2	.50967	10.31	.51032	.50481	.48744	.48438	.50300
#3	.51049	10.33	.51232	.50227	.48668	.48340	.50254
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50465	.50196	.50932	.49836	.49152	.48869	.50157
SDev	.00021	.00090	.00417	.00395	.00652	.00415	.00024
%RSD	.04097	.17991	.81963	.79231	1.3264	.84823	.04777
#1	.50484	.50287	.50451	.49387	.48443	.48401	.50138
#2	.50467	.50195	.51191	.50130	.49290	.49192	.50149
#3	.50443	.50106	.51155	.49990	.49725	.49013	.50184
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.49676	.50044	.48707	.47810	.49447	
SDev	.00585	.00140	.00943	.00967	.00119	
%RSD	1.1785	.27968	1.9366	2.0223	.24029	
#1	.49012	.50011	.47660	.46705	.49323	
#2	.50121	.49923	.48973	.48504	.49460	
#3	.49893	.50197	.49489	.48220	.49560	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB4 Operator: CT
Run Time: 07/27/09 13:38:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00080	.0273	.00795	.00118	.00019	-.0255	.00119
SDev	.00085	.0018	.00064	.00009	.00006	.0017	.00007
%RSD	106.27	6.453	8.0929	7.3706	32.145	6.659	5.5841
#1	.00165	.0253	.00778	.00113	.00026	-.0239	.00119
#2	.00081	.0288	.00867	.00128	.00018	-.0254	.00125
#3	-.00005	.0277	.00741	.00113	.00014	-.0273	.00112

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00497	.00476	.00068	.00387	.4092	.0341	.00044
SDev	.00045	.00026	.00005	.00029	.0225	.0013	.00006
%RSD	9.0658	5.4173	7.1392	7.4317	5.503	3.741	13.338
#1	.00452	.00452	.00068	.00383	.3913	.0334	.00046
#2	.00542	.00503	.00073	.00417	.4345	.0356	.00049
#3	.00496	.00473	.00063	.00360	.4019	.0334	.00038

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.0149	.00036	.00516	.00034	.00218	.00039
SDev	.00076	.0011	.00038	.00151	.00005	.00016	.00046
%RSD	90.581	7.261	105.95	29.309	14.827	7.2488	117.77
#1	.00110	.0153	.00077	.00346	.00038	.00211	.00079
#2	.00144	.0158	.00001	.00568	.00036	.00236	.00049
#3	-.00002	.0137	.00031	.00635	.00028	.00207	-.00011

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	-.00022	.01319	.00336	-.00218	.00132	.00376
SDev	.00002	.00141	.00068	.00064	.00073	.00036	.00118
%RSD	1.7840	635.32	5.1860	18.902	33.544	26.932	31.427
#1	.00089	-.00104	.01268	.00396	-.00237	.00164	.00240
#2	.00092	-.00103	.01397	.00343	-.00137	.00094	.00430
#3	.00090	.00141	.01292	.00269	-.00278	.00138	.00457

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00316	.00111	-.00382	-.00193	.00244
SDev	.00150	.00369	.00150	.00422	.00113
%RSD	47.272	332.25	39.422	218.83	46.169
#1	.00473	-.00285	-.00214	.00258	.00118
#2	.00300	.00446	-.00427	-.00579	.00280
#3	.00176	.00173	-.00504	-.00257	.00335

Method: KICAP Sample Name: 0907072-038A Operator: CT
Run Time: 07/27/09 14:29:28
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01024	107.0	.05993	1.6387	.00567	121.7	.02922
SDev	.00250	.6	.00300	.0087	.00010	.8	.00075
%RSD	24.422	.5287	5.0116	.52901	1.7702	.6557	2.5757
#1	.01077	106.4	.05710	1.6289	.00558	120.8	.02838
#2	.00752	107.5	.05961	1.6454	.00567	122.2	.02943
#3	.01244	107.1	.06308	1.6417	.00578	122.1	.02984

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05342	.16673	7.3421	297.10	14.25	29.76	3.0036
SDev	.00191	.00265	.0428	1.81	.06	.18	.0171
%RSD	3.5650	1.5914	.58295	.60964	.4514	.6025	.56864
#1	.05173	.16446	7.2942	295.02	14.22	29.55	2.9839
#2	.05306	.16607	7.3765	298.30	14.21	29.86	3.0149
#3	.05548	.16965	7.3557	297.99	14.33	29.87	3.0118

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00155	.8946	.51402	.11866	.72693	1.7941	.21587
SDev	.00447	.0042	.00423	.00723	.00384	.0097	.00043
%RSD	287.83	.4649	.82365	6.0945	.52874	.54047	.19882
#1	-.00471	.8919	.50956	.11034	.72261	1.7832	.21574
#2	.00356	.8926	.51453	.12348	.72996	1.8018	.21552
#3	-.00350	.8994	.51798	.12215	.72823	1.7972	.21635

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.852	.18880	-.03130	249.52	.01196	3.2966	256.63
SDev	.071	.00423	.01055	1.48	.00722	.0031	.74
%RSD	.59522	2.2420	33.701	.59147	60.329	.09454	.28680
#1	11.771	.18519	-.03731	247.95	.01826	3.2978	256.04
#2	11.898	.18775	-.03748	250.88	.00409	3.2931	257.46
#3	11.888	.19345	-.01912	249.74	.01353	3.2989	256.41

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	254.80	.01500	.01044	3.2555	3.3183
SDev	.54	.01465	.01599	.0424	.0123
%RSD	.21221	97.666	153.15	1.3009	.37169
#1	255.10	.01743	.01868	3.2819	3.3095
#2	254.18	.02828	-.00799	3.2067	3.3324
#3	255.13	-.00071	.02064	3.2780	3.3131

Method: KICAP Sample Name: 0907072-038AMS Operator: CT
Run Time: 07/27/09 14:33:22
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11366	119.8	1.0000	1.9686	.41394	155.9	.42973
SDev	.00545	1.3	.0099	.0129	.00335	1.5	.00441
%RSD	4.7990	1.083	.98955	.65509	.80872	.9802	1.0251
#1	.11750	120.4	.99968	1.9706	.41463	156.5	.43111
#2	.11607	120.6	1.0101	1.9803	.41688	157.0	.43328
#3	.10742	118.3	.99027	1.9548	.41029	154.2	.42480

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45198	.57760	6.9263	265.83	38.06	51.29	3.1555
SDev	.00551	.00656	.0482	2.15	.58	.48	.0244
%RSD	1.2195	1.1364	.69535	.80783	1.525	.9423	.77216
#1	.45547	.57986	6.9310	266.40	38.59	51.50	3.1612
#2	.45485	.58274	6.9720	267.64	38.16	51.63	3.1766
#3	.44563	.57021	6.8760	263.46	37.44	50.74	3.1288

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39091	21.39	.90620	.49685	1.0994	2.2093	.62801
SDev	.00290	.20	.01030	.00787	.0081	.0164	.00729
%RSD	.74251	.9438	1.1364	1.5838	.73705	.74008	1.1605
#1	.38888	21.56	.90926	.49401	1.1009	2.2108	.63055
#2	.38961	21.45	.91462	.50574	1.1067	2.2248	.63369
#3	.39423	21.17	.89472	.49079	1.0907	2.1922	.61979

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.215	.58738	.34250	223.63	.39600	4.3222	230.00
SDev	.093	.00861	.00521	1.79	.00425	.0253	2.49
%RSD	.75881	1.4659	1.5199	.79858	1.0743	.58510	1.0820
#1	12.229	.58847	.34850	223.91	.39889	4.3471	232.36
#2	12.300	.59539	.33921	225.26	.39800	4.3230	230.25
#3	12.116	.57828	.33979	221.72	.39112	4.2965	227.40

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	227.42	.39454	.39673	4.2701	4.3532
SDev	.76	.01503	.01252	.0059	.0347
%RSD	.33416	3.8102	3.1571	.13806	.79601
#1	227.24	.39911	.39878	4.2701	4.3893
#2	228.25	.37776	.40810	4.2760	4.3502
#3	226.76	.40676	.38330	4.2642	4.3201

Method: KICAP Sample Name: 0907072-038AMSD Operator: CT
Run Time: 07/27/09 14:37:16
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11088	122.0	.99409	2.0659	.41133	166.7	.42614
SDev	.00184	.7	.00217	.0077	.00139	.7	.00189
%RSD	1.6588	.5843	.21805	.37475	.33694	.4113	.44267
#1	.11138	122.9	.99327	2.0732	.41265	167.3	.42733
#2	.11242	121.7	.99654	2.0668	.41146	166.9	.42713
#3	.10884	121.6	.99245	2.0578	.40988	166.0	.42397

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44391	.57225	21.292	275.78	39.98	54.35	3.2238
SDev	.00216	.00179	.089	.95	.26	.17	.0116
%RSD	.48666	.31245	.41938	.34618	.6503	.3218	.36035
#1	.44573	.57303	21.365	276.50	40.03	54.47	3.2337
#2	.44448	.57351	21.318	276.15	40.21	54.43	3.2266
#3	.44152	.57020	21.192	274.70	39.69	54.15	3.2110

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38580	21.55	.86980	.60252	1.1389	2.2733	.62703
SDev	.00110	.11	.00414	.00866	.0044	.0071	.00403
%RSD	.28432	.4906	.47639	1.4367	.39046	.31408	.64338
#1	.38693	21.60	.86865	.60231	1.1429	2.2790	.62902
#2	.38572	21.62	.87440	.61128	1.1396	2.2756	.62969
#3	.38475	21.43	.86636	.59397	1.1341	2.2653	.62239

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.038	.58662	.33351	252.94	.39117	3.8022	260.18
SDev	.040	.00565	.00899	1.30	.00470	.0220	2.70
%RSD	.33223	.96249	2.6970	.51327	1.2027	.57853	1.0395
#1	12.072	.59116	.32313	253.89	.38597	3.8062	261.38
#2	12.048	.58840	.33857	253.47	.39513	3.8219	262.07
#3	11.994	.58030	.33885	251.46	.39242	3.7785	257.08

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	259.71	.38707	.39322	3.7613	3.8176
SDev	1.71	.01831	.00329	.0286	.0454
%RSD	.65675	4.7308	.83686	.76012	1.1890
#1	258.44	.36973	.39407	3.7482	3.8314
#2	259.05	.40622	.38959	3.7415	3.8545
#3	261.65	.38525	.39600	3.7940	3.7669

Method: KICAP Sample Name: 0907072-038ASD Operator: CT
Run Time: 07/27/09 14:41:11
Comment:
Mode: CONC Corr. Factor: 25

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00263	107.8	.07190	1.6713	.00437	120.9	.02956
SDev	.02466	.4	.01094	.0039	.00019	.1	.00140
%RSD	937.44	.4073	15.212	.23409	4.4462	.0647	4.7521
#1	-.02279	107.3	.06841	1.6725	.00433	120.9	.02873
#2	.02646	108.1	.08416	1.6744	.00458	120.9	.03118
#3	.00422	108.1	.06314	1.6669	.00419	120.8	.02876

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04471	.16469	7.4285	309.82	12.49	31.07	3.0796
SDev	.00994	.00767	.0081	.48	.57	.09	.0024
%RSD	22.234	4.6566	.10910	.15602	4.588	.3051	.07925
#1	.03389	.15829	7.4374	309.43	12.14	31.00	3.0796
#2	.05345	.17319	7.4265	310.36	13.16	31.18	3.0821
#3	.04680	.16259	7.4216	309.67	12.18	31.04	3.0772

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02555	.6434	.51286	.01756	.74077	1.8209	.21132
SDev	.00976	.0245	.01779	.02553	.00101	.0028	.01810
%RSD	38.176	3.808	3.4699	145.38	.13629	.15584	8.5633
#1	-.03569	.6349	.49307	-.01149	.74162	1.8176	.19189
#2	-.01623	.6710	.52754	.03645	.74103	1.8226	.22769
#3	-.02474	.6242	.51796	.02773	.73965	1.8226	.21438

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.247	.14862	-.11354	253.49	-.05375	3.3202	256.12
SDev	.003	.01099	.01575	.38	.03790	.0023	.96
%RSD	.02336	7.3950	13.873	.15059	70.509	.06937	.37589
#1	12.250	.13627	-.13170	253.62	-.08423	3.3215	256.32
#2	12.244	.15734	-.10526	253.79	-.06572	3.3175	256.96
#3	12.249	.15225	-.10365	253.06	-.01131	3.3215	255.07

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	255.24	-.14754	-.00693	3.3454	3.2951
SDev	.54	.14816	.09585	.1383	.0743
%RSD	.21032	100.42	1382.9	4.1331	2.2546
#1	254.62	-.01805	-.11726	3.1860	3.3704
#2	255.52	-.30911	.05580	3.4342	3.2218
#3	255.59	-.11545	.04067	3.4158	3.2932

Method: KICAP Sample Name: 0907072-038APDS Operator: CT
Run Time: 07/27/09 14:45:05
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48035	110.2	5.2612	3.4927	1.9940	211.5	1.9898
SDev	.00278	.2	.0063	.0078	.0054	.5	.0054
%RSD	.57783	.1828	.11949	.22428	.27169	.2400	.27310
#1	.48233	110.4	5.2563	3.4996	1.9983	211.9	1.9945
#2	.48154	110.3	5.2683	3.4943	1.9959	211.6	1.9910
#3	.47717	110.0	5.2590	3.4842	1.9879	210.9	1.9839

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0149	2.1216	8.9068	289.26	146.5	124.0	4.7048
SDev	.0062	.0043	.0180	.59	.4	.3	.0103
%RSD	.30646	.20119	.20153	.20382	.2695	.2466	.21907
#1	2.0205	2.1249	8.9200	289.68	146.9	124.2	4.7127
#2	2.0159	2.1231	8.9139	289.51	146.4	124.0	4.7084
#3	2.0083	2.1168	8.8863	288.59	146.2	123.6	4.6931

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9662	103.1	2.4880	2.0907	2.5901	3.7396	2.1932
SDev	.0073	.6	.0051	.0108	.0050	.0067	.0063
%RSD	.37183	.5490	.20513	.51528	.19388	.17845	.28497
#1	1.9579	103.7	2.4906	2.0832	2.5933	3.7445	2.1963
#2	1.9689	102.9	2.4913	2.1030	2.5926	3.7423	2.1973
#3	1.9718	102.6	2.4821	2.0859	2.5843	3.7320	2.1860

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.244	2.1943	1.9448	236.59	1.9631	5.1871	242.43
SDev	.033	.0114	.0074	.31	.0098	.0037	.82
%RSD	.24651	.51795	.37959	.12923	.50117	.07127	.33771
#1	13.272	2.2051	1.9496	236.82	1.9739	5.1844	243.10
#2	13.251	2.1955	1.9486	236.70	1.9547	5.1856	242.67
#3	13.208	2.1824	1.9363	236.24	1.9607	5.1913	241.51

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	240.56	1.9887	1.9503	5.0956	5.2278
SDev	.98	.0127	.0086	.0304	.0090
%RSD	.40891	.63839	.43877	.59621	.17294
#1	241.44	2.0032	1.9593	5.0780	5.2300
#2	239.50	1.9796	1.9422	5.0781	5.2355
#3	240.75	1.9833	1.9494	5.1307	5.2178

Method: KICAP Sample Name: 0907072-044A Operator: CT
Run Time: 07/27/09 14:48:59
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02013	35.65	.10068	3.7060	.00402	122.6	.01297
SDev	.00072	.15	.00756	.0134	.00018	.3	.00064
%RSD	3.5787	.4069	7.5120	.36100	4.4540	.2068	4.9223
#1	.01936	35.50	.10859	3.7049	.00423	122.7	.01358
#2	.02079	35.64	.09994	3.6932	.00392	122.3	.01302
#3	.02024	35.79	.09352	3.7199	.00392	122.7	.01230

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05892	.15071	.89535	273.25	3.897	28.65	2.7631
SDev	.00199	.00168	.00112	.67	.185	.03	.0075
%RSD	3.3757	1.1122	.12490	.24448	4.756	.1212	.27233
#1	.05997	.15220	.89641	273.32	3.984	28.68	2.7642
#2	.06016	.15102	.89418	272.55	4.023	28.61	2.7551
#3	.05663	.14889	.89546	273.88	3.684	28.66	2.7701

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02375	1.466	.17182	.37784	1.0105	2.5515	.18373
SDev	.00190	.015	.00117	.01054	.0035	.0072	.00033
%RSD	7.9997	1.040	.68011	2.7904	.34816	.28310	.17721
#1	.02472	1.479	.17054	.38966	1.0109	2.5495	.18340
#2	.02497	1.470	.17284	.37446	1.0068	2.5456	.18375
#3	.02156	1.449	.17207	.36940	1.0138	2.5596	.18405

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.8486	.17409	-.02695	237.28	.00041	14.487	245.00
SDev	.0117	.00393	.00513	.21	.00520	.061	.74
%RSD	.30438	2.2598	19.048	.08716	1265.3	.41990	.30248
#1	3.8491	.17730	-.02535	237.23	-.00354	14.431	244.16
#2	3.8367	.17526	-.02280	237.10	.00630	14.479	245.32
#3	3.8601	.16970	-.03269	237.51	-.00153	14.552	245.54

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	242.90	-.02306	.01213	14.256	14.598
SDev	.48	.02764	.00636	.062	.075
%RSD	.19860	119.87	52.423	.43174	.51474
#1	242.76	-.03879	.01405	14.249	14.515
#2	242.50	.00886	.00503	14.198	14.619
#3	243.44	-.03924	.01730	14.320	14.660

Method: KICAP Sample Name: 0907072-045A Operator: CT
Run Time: 07/27/09 14:52:53
Comment:
Mode: CONC Corr. Factor: 10

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05834	53.53	.12568	4.1565	.00256	205.6	.05098
SDev	.00206	.34	.00263	.0180	.00006	.8	.00048
%RSD	3.5398	.6307	2.0909	.43343	2.3870	.4088	.94518
#1	.06029	53.29	.12301	4.1458	.00252	205.0	.05042
#2	.05618	53.92	.12826	4.1773	.00252	206.6	.05125
#3	.05855	53.38	.12578	4.1465	.00263	205.3	.05127

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04426	.21987	7.8755	439.27	10.47	39.80	3.6049
SDev	.00373	.00176	.0323	2.16	.15	.18	.0155
%RSD	8.4212	.80145	.40983	.49234	1.463	.4526	.43019
#1	.04019	.21784	7.8544	437.65	10.31	39.64	3.5936
#2	.04509	.22091	7.9126	441.73	10.48	39.99	3.6226
#3	.04751	.22087	7.8593	438.43	10.61	39.76	3.5986

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00501	3.055	.23980	.33430	1.0734	1.7384	.17722
SDev	.01192	.014	.00044	.01286	.0043	.0076	.00150
%RSD	237.79	.4505	.18511	3.8470	.40050	.43766	.84726
#1	-.00699	3.040	.24006	.32810	1.0712	1.7322	.17568
#2	.01685	3.067	.23929	.34909	1.0784	1.7469	.17730
#3	.00518	3.057	.24006	.32571	1.0706	1.7361	.17868

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.128	.17782	-.06388	636.59	.01566	22.292	660.29
SDev	.053	.00644	.01141	3.00	.01014	.056	2.72
%RSD	.43728	3.6195	17.869	.47063	64.754	.25013	.41190
#1	12.082	.17234	-.07684	635.35	.00601	22.263	661.77
#2	12.186	.18491	-.05950	640.00	.01474	22.257	657.15
#3	12.114	.17622	-.05530	634.40	.02623	22.356	661.95

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	659.58	.00488	.02104	22.004	22.431
SDev	2.89	.03176	.00448	.090	.073
%RSD	.43783	650.74	21.282	.40762	.32722
#1	656.72	-.01824	.01812	21.901	22.445
#2	659.53	-.00821	.02620	22.051	22.352
#3	662.50	.04109	.01881	22.061	22.496

Method: KICAP Sample Name: 0907072-048A Operator: CT
Run Time: 07/27/09 14:56:47
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01486	75.59	.07896	8.1013	.00614	136.2	.02146
SDev	.00104	.26	.00035	.0073	.00003	.0	.00023
%RSD	6.9862	.3427	.44156	.09000	.48371	.0318	1.0612
#1	.01403	75.87	.07857	8.1097	.00612	136.2	.02147
#2	.01452	75.36	.07910	8.0965	.00612	136.2	.02168
#3	.01602	75.52	.07922	8.0976	.00617	136.3	.02123

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11221	.28414	3.2394	346.79	9.472	43.75	18.070
SDev	.00084	.00052	.0056	.04	.044	.03	.008
%RSD	.74756	.18453	.17264	.01152	.4646	.0623	.04177
#1	.11310	.28444	3.2459	346.79	9.523	43.78	18.078
#2	.11143	.28445	3.2356	346.75	9.448	43.75	18.070
#3	.11209	.28354	3.2368	346.82	9.444	43.73	18.063

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01474	1.961	.29829	.34191	.76693	2.1061	.30002
SDev	.00469	.006	.00160	.00998	.00055	.0021	.00060
%RSD	31.832	.3051	.53455	2.9179	.07116	.09937	.19894
#1	.00939	1.968	.29701	.33039	.76739	2.1077	.30018
#2	.01815	1.957	.29778	.34763	.76633	2.1070	.29936
#3	.01669	1.957	.30008	.34772	.76707	2.1038	.30052

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.832	.19262	-.03913	154.04	.00960	1.4695	155.91
SDev	.008	.00112	.00618	.23	.00671	.0095	.25
%RSD	.04917	.58285	15.795	.15241	69.962	.64364	.15836
#1	15.841	.19256	-.04265	154.19	.00798	1.4732	155.63
#2	15.825	.19378	-.03200	153.77	.01697	1.4766	156.11
#3	15.830	.19154	-.04275	154.16	.00384	1.4588	155.99

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	154.61	.00744	.01068	1.4506	1.4777
SDev	1.19	.01312	.00753	.0183	.0113
%RSD	.76820	176.43	70.578	1.2645	.76642
#1	154.01	.01643	.00376	1.4357	1.4881
#2	155.98	.01351	.01870	1.4711	1.4793
#3	153.84	-.00762	.00956	1.4450	1.4657

Method: KICAP Sample Name: 0907072-050A Operator: CT
Run Time: 07/27/09 15:00:42
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03102	68.07	.09701	3.7343	.00290	167.3	.02740
SDev	.00255	.56	.00139	.0187	.00001	.8	.00016
%RSD	8.2144	.8175	1.4326	.50127	.46216	.4897	.58465
#1	.02859	67.69	.09586	3.7285	.00288	166.9	.02722
#2	.03081	68.71	.09661	3.7552	.00290	168.3	.02753
#3	.03367	67.81	.09855	3.7191	.00291	166.9	.02744

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7638	.32678	7.2690	302.92	6.274	28.70	6.1737
SDev	.0087	.00063	.0392	1.65	.084	.14	.0317
%RSD	.49420	.19264	.53904	.54323	1.346	.4723	.51299
#1	1.7598	.32610	7.2541	302.00	6.218	28.62	6.1621
#2	1.7739	.32735	7.3134	304.82	6.234	28.86	6.2096
#3	1.7579	.32689	7.2394	301.94	6.372	28.63	6.1495

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04507	2.246	.64585	1.2219	.76416	1.4619	.44656
SDev	.00231	.010	.00356	.0058	.00404	.0062	.00201
%RSD	5.1307	.4324	.55166	.47243	.52843	.42242	.45061
#1	.04515	2.235	.64292	1.2158	.76244	1.4589	.44508
#2	.04271	2.250	.64982	1.2272	.76877	1.4690	.44885
#3	.04734	2.253	.64483	1.2229	.76126	1.4577	.44575

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.223	.25905	-.03133	303.57	.00402	4.1647	314.60
SDev	.062	.00339	.00238	1.72	.00459	.0373	1.52
%RSD	.50577	1.3089	7.6094	.56740	114.30	.89497	.48224
#1	12.205	.26223	-.02935	302.51	-.00105	4.1285	314.26
#2	12.292	.25943	-.03067	305.56	.00520	4.2029	316.26
#3	12.173	.25548	-.03398	302.64	.00791	4.1626	313.28

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	311.14	-.01299	.01251	4.0704	4.2117
SDev	3.43	.01027	.00293	.0704	.0191
%RSD	1.1010	79.103	23.440	1.7295	.45455
#1	307.29	-.02480	.01081	4.0038	4.1944
#2	313.87	-.00608	.01083	4.1441	4.2323
#3	312.26	-.00809	.01590	4.0633	4.2085

Method: KICAP Sample Name: 0907072-051A Operator: CT
Run Time: 07/27/09 15:04:36
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04992	85.72	.13608	7.7414	.00138	206.4	.07910
SDev	.00274	1.93	.00200	.1616	.00001	1.6	.00157
%RSD	5.4907	2.256	1.4711	2.0870	.47512	.7654	1.9819
#1	.04748	86.87	.13742	7.8334	.00139	207.3	.07963
#2	.05288	86.80	.13703	7.8360	.00139	207.3	.08033
#3	.04939	83.48	.13378	7.5549	.00138	204.6	.07734

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13995	1.1110	4.7060	521.80	6.651	77.19	8.9806
SDev	.00166	.0226	.1030	11.12	.097	1.56	.1879
%RSD	1.1873	2.0361	2.1880	2.1314	1.465	2.027	2.0925
#1	.14086	1.1239	4.7669	528.31	6.709	78.12	9.0915
#2	.14095	1.1242	4.7639	528.13	6.705	78.07	9.0867
#3	.13803	1.0849	4.5871	508.95	6.538	75.38	8.7636

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16511	3.742	1.1140	4.3297	1.1745	1.9643	.19956
SDev	.00409	.073	.0230	.0864	.0248	.0411	.00373
%RSD	2.4759	1.958	2.0643	1.9965	2.1092	2.0929	1.8700
#1	.16065	3.777	1.1316	4.3769	1.1889	1.9886	.20154
#2	.16868	3.792	1.1224	4.3823	1.1887	1.9876	.20188
#3	.16601	3.658	1.0880	4.2299	1.1459	1.9169	.19525

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.654	.47267	-.04693	756.20	.00715	8.2414	S71.119
SDev	.499	.00909	.00481	16.42	.00383	.2369	.030
%RSD	1.9463	1.9230	10.257	2.1717	53.628	2.8746	.04275
#1	25.949	.47906	-.05181	764.77	.01154	8.3499	S71.111
#2	25.936	.47668	-.04219	766.56	.00448	8.4046	S71.093
#3	25.078	.46227	-.04678	737.26	.00542	7.9697	S71.152

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	S74.929	-.01520	.01830	8.1673	8.2771
SDev	.231	.01753	.00640	.1221	.3270
%RSD	.30831	115.35	34.950	1.4948	3.9510
#1	S74.785	.00034	.01713	8.0914	8.4752
#2	S74.806	-.01172	.01257	8.3082	8.4565
#3	S75.195	-.03420	.02520	8.1024	7.8996

Method: KICAP Sample Name: CCVH5 Operator: CT
Run Time: 07/27/09 15:08:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	-.0058	.00280	-.00008	-.00007	48.70	-.00017
SDev	.00052	.0058	.00057	.00026	.00002	.18	.00009
%RSD	65.870	99.58	20.329	346.42	31.278	.3633	54.082
#1	.00054	.0009	.00345	.00023	-.00004	48.76	-.00007
#2	.00044	-.0094	.00246	-.00023	-.00008	48.83	-.00023
#3	.00138	-.0089	.00248	-.00023	-.00008	48.50	-.00023
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00126	4.9794	-.00016	10.039	.0249	.0022	-.00023
SDev	.00058	.0285	.00096	.052	.0334	.0055	.00021
%RSD	45.703	.57201	599.08	.52193	134.3	254.9	93.124
#1	-.00061	5.0075	.00045	10.071	.0634	.0085	.00001
#2	-.00147	4.9802	-.00126	10.067	.0041	-.0018	-.00032
#3	-.00170	4.9505	.00034	9.9783	.0071	-.0001	-.00038
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00065	49.28	.00053	-.00563	-.00000	.00039	.00049
SDev	.00202	.40	.00023	.00123	.00006	.00021	.00036
%RSD	311.46	.8203	42.859	21.807	1784.7	54.047	73.078
#1	.00136	49.65	.00031	-.00492	.00007	.00063	.00035
#2	-.00268	49.34	.00053	-.00491	-.00004	.00034	.00022
#3	-.00063	48.85	.00076	-.00704	-.00004	.00021	.00089
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00263	-.00309	-.00581	9.8340	-.00140	.00150	9.8894
SDev	.00049	.00051	.00184	.0710	.00132	.00112	.0363
%RSD	18.615	16.441	31.599	.72214	94.153	74.481	.36728
#1	.00318	-.00366	-.00369	9.8971	-.00176	.00204	9.9267
#2	.00246	-.00289	-.00695	9.8479	.00006	.00021	9.8542
#3	.00224	-.00271	-.00678	9.7571	-.00251	.00224	9.8872
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	9.7943	-.00490	.00035	.00102	.00124
SDev	.0658	.00383	.00326	.00408	.00377
%RSD	.67204	78.069	942.49	399.52	304.59
#1	9.8457	-.00056	-.00235	-.00340	.00476
#2	9.8171	-.00778	.00397	.00462	-.00274
#3	9.7201	-.00637	-.00058	.00184	.00169
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV5 Operator: CT
Run Time: 07/27/09 15:12:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24567	4.945	.50455	.51323	.48815	9.768	.50375
SDev	.00128	.033	.00338	.00246	.00267	.050	.00291
%RSD	.52262	.6627	.67040	.47830	.54751	.5078	.57838
#1	.24462	4.942	.50118	.51170	.48654	9.734	.50170
#2	.24710	4.979	.50794	.51606	.49124	9.825	.50708
#3	.24529	4.914	.50453	.51193	.48668	9.745	.50246
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49685	.49603	.49932	.96550	10.69	9.904	.47917
SDev	.00232	.00231	.00253	.00527	.05	.050	.00247
%RSD	.46657	.46534	.50753	.54555	.4325	.5059	.51569
#1	.49526	.49440	.49790	.96202	10.64	9.869	.47749
#2	.49951	.49867	.50224	.97156	10.74	9.961	.48201
#3	.49577	.49502	.49780	.96292	10.69	9.881	.47802
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50342	9.981	.50311	.48469	.48635	.47946	.49815
SDev	.00374	.023	.00361	.00219	.00232	.00268	.00249
%RSD	.74376	.2314	.71811	.45289	.47715	.55809	.50051
#1	.49921	9.958	.50058	.48219	.48473	.47736	.49596
#2	.50636	10.00	.50725	.48630	.48901	.48247	.50086
#3	.50470	9.979	.50150	.48559	.48532	.47854	.49763
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50112	.49242	.48766	.49060	.48575	.48359	.49265
SDev	.00280	.00264	.00581	.00271	.00425	.00360	.00197
%RSD	.55900	.53673	1.1921	.55333	.87553	.74428	.39996
#1	.49936	.49011	.48159	.48943	.48100	.48050	.49424
#2	.50435	.49530	.49318	.48868	.48704	.48273	.49327
#3	.49966	.49185	.48819	.49371	.48920	.48754	.49045
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.48958	.49389	.48168	.47307	.48909	
SDev	.00500	.00088	.00600	.01053	.00089	
%RSD	1.0203	.17818	1.2459	2.2259	.18119	
#1	.48702	.49291	.47505	.46451	.48923	
#2	.48639	.49462	.48326	.46987	.48990	
#3	.49534	.49414	.48674	.48483	.48814	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB5 Operator: CT
Run Time: 07/27/09 15:16:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	-.0020	.00240	.00010	.00005	-.0230	.00023
SDev	.00063	.0023	.00050	.00016	.00007	.0015	.00010
%RSD	60.825	116.1	20.905	156.12	154.84	6.705	41.909
#1	.00033	.0001	.00284	.00023	.00013	-.0214	.00031
#2	.00154	-.0016	.00251	.00015	.00002	-.0233	.00024
#3	.00123	-.0045	.00185	-.00008	-.00001	-.0244	.00013

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00035	.00000	-.00036	.0859	.0037	-.00019
SDev	.00017	.00025	.00018	.00031	.0180	.0017	.00008
%RSD	45.324	72.103	566450.	85.081	20.91	46.66	41.134
#1	.00042	.00043	-.00005	-.00001	.0797	.0044	-.00011
#2	.00052	.00056	.00020	-.00051	.1061	.0049	-.00020
#3	.00019	.00007	-.00015	-.00057	.0718	.0017	-.00026

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	.0000	.00077	-.00341	-.00004	.00016	.00083
SDev	.00080	.0013	.00035	.00133	.00006	.00023	.00030
%RSD	352.79	48060.	45.784	39.119	173.83	137.83	35.757
#1	.00071	.0011	.00038	-.00214	.00003	.00030	.00049
#2	.00066	.0004	.00084	-.00328	-.00005	.00030	.00099
#3	-.00070	-.0015	.00107	-.00480	-.00009	-.00010	.00102

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00133	.00080	.00138	.00278	-.00088	-.00120	-.00248
SDev	.00003	.00071	.00118	.00021	.00103	.00113	.00300
%RSD	2.2246	89.188	85.508	7.5352	117.67	94.105	120.95
#1	.00135	.00004	.00275	.00298	-.00161	-.00095	-.00030
#2	.00130	.00090	.00067	.00278	-.00132	-.00022	-.00124
#3	.00135	.00145	.00073	.00257	.00030	-.00243	-.00590

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00540	-.00516	.00126	.00415	-.00362
SDev	.00121	.00420	.00363	.00392	.00186
%RSD	22.390	81.478	288.19	94.528	51.220
#1	.00463	-.00155	-.00164	.00151	-.00292
#2	.00478	-.00416	.00009	.00229	-.00222
#3	.00679	-.00977	.00533	.00866	-.00573

Method: KICAP Sample Name: 0907072-052A Operator: CT
Run Time: 07/27/09 15:20:14
Comment:
Mode: CONC Corr. Factor: 10

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04354	211.1	.17549	7.9043	.00297	311.1	.07983
SDev	.00123	1.7	.00064	.0496	.00001	1.9	.00031
%RSD	2.8182	.8012	.36335	.62710	.17283	.6252	.38371
#1	.04254	209.7	.17527	7.8787	.00297	310.2	.07981
#2	.04316	210.7	.17499	7.8727	.00297	309.7	.07953
#3	.04491	213.0	.17621	7.9614	.00296	313.3	.08014

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12266	.52369	4.4513	354.43	11.19	39.98	6.6266
SDev	.00047	.00334	.0240	2.36	.14	.21	.0392
%RSD	.38234	.63738	.54018	.66449	1.234	.5220	.59189
#1	.12264	.52369	4.4469	352.98	11.30	39.89	6.6064
#2	.12314	.52035	4.4298	353.17	11.24	39.84	6.6015
#3	.12220	.52703	4.4773	357.15	11.03	40.22	6.6718

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03678	18.15	.70087	1.9144	1.2970	2.5641	.29163
SDev	.01794	.02	.00641	.0139	.0074	.0175	.00236
%RSD	48.765	.1234	.91427	.72832	.56794	.68368	.80805
#1	.05722	18.18	.69680	1.9079	1.2933	2.5519	.28891
#2	.02365	18.13	.69756	1.9050	1.2923	2.5563	.29285
#3	.02948	18.16	.70826	1.9304	1.3055	2.5842	.29312

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.435	.26335	-.04194	609.79	.00037	8.0480	633.49
SDev	.284	.00318	.00513	3.51	.00630	.0287	2.80
%RSD	.61185	1.2064	12.226	.57512	1707.4	.35627	.44161
#1	46.294	.26648	-.04704	608.70	.00764	8.0211	633.73
#2	46.249	.26013	-.03678	606.96	-.00351	8.0446	630.58
#3	46.762	.26344	-.04201	613.71	-.00303	8.0782	636.15

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	628.31	-.03427	.01766	7.8866	8.1285
SDev	4.78	.03236	.00686	.1459	.0419
%RSD	.76136	94.427	38.830	1.8501	.51584
#1	622.95	.00265	.01014	7.7220	8.1630
#2	632.14	-.05774	.02357	7.9999	8.0818
#3	629.84	-.04771	.01928	7.9380	8.1407

Method: KICAP Sample Name: 0907072-053A Operator: CT
Run Time: 07/27/09 15:24:08
Comment:
Mode: CONC Corr. Factor: 10

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02710	219.5	.10710	5.7641	.00352	161.6	.05098
SDev	.01043	1.1	.00625	.0185	.00019	.8	.00151
%RSD	38.482	.4984	5.8331	.32023	5.4532	.4657	2.9576
#1	.03790	219.9	.10766	5.7799	.00360	162.2	.05147
#2	.01709	218.3	.10060	5.7438	.00330	160.8	.04929
#3	.02630	220.3	.11305	5.7686	.00366	161.9	.05219

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08926	.90800	5.0134	190.32	7.612	38.58	11.030
SDev	.00553	.00866	.0188	.87	.302	.24	.050
%RSD	6.1900	.95345	.37522	.45690	3.970	.6227	.45499
#1	.09285	.91198	5.0320	190.94	7.771	38.76	11.070
#2	.08290	.89807	4.9944	189.33	7.264	38.30	10.974
#3	.09202	.91396	5.0139	190.70	7.802	38.66	11.047

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24046	4.756	.57544	.43135	1.0184	1.6510	.29371
SDev	.00490	.023	.00774	.01372	.0033	.0095	.00820
%RSD	2.0367	.4887	1.3458	3.1819	.32449	.57266	2.7927
#1	.24500	4.767	.57953	.44329	1.0211	1.6579	.29925
#2	.23527	4.730	.56651	.41636	1.0147	1.6402	.28428
#3	.24111	4.772	.58029	.43441	1.0194	1.6549	.29758

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	43.759	.11989	-.04930	562.20	-.00698	1.5424	581.88
SDev	.201	.02259	.01313	1.94	.01878	.0230	1.43
%RSD	.45945	18.839	26.624	.34514	268.99	1.4936	.24600
#1	43.924	.13084	-.06390	563.97	-.01417	1.5455	583.25
#2	43.535	.09391	-.04554	560.13	-.02110	1.5179	581.98
#3	43.817	.13491	-.03847	562.50	.01433	1.5637	580.40

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	582.52	-.03128	.00515	1.5405	1.5408
SDev	1.76	.00772	.02576	.0742	.0109
%RSD	.30166	24.668	500.34	4.8175	.70897
#1	583.46	-.03953	-.00151	1.5346	1.5510
#2	580.50	-.03007	-.01663	1.4695	1.5421
#3	583.61	-.02424	.03359	1.6175	1.5293

Method: KICAP Sample Name: 0907072-054A Operator: CT
Run Time: 07/27/09 15:28:03
Comment:
Mode: CONC Corr. Factor: 5

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01412	87.18	.11933	3.3035	.00330	137.8	.03386
SDev	.00264	.47	.00272	.0086	.00007	.4	.00028
%RSD	18.661	.5420	2.2788	.26002	2.2524	.2790	.83079
#1	.01110	87.70	.11679	3.3079	.00322	137.7	.03359
#2	.01595	86.77	.11900	3.2936	.00335	137.5	.03415
#3	.01531	87.08	.12220	3.3091	.00335	138.3	.03384

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09265	.32138	2.3439	482.68	6.204	18.07	4.9672
SDev	.00202	.00166	.0044	1.32	.161	.06	.0131
%RSD	2.1851	.51747	.18570	.27261	2.601	.3050	.26291
#1	.09035	.31976	2.3445	482.62	6.018	18.02	4.9682
#2	.09346	.32130	2.3393	481.40	6.310	18.05	4.9536
#3	.09414	.32308	2.3480	484.03	6.284	18.13	4.9797

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02147	2.683	.57344	.45354	.64224	1.4506	.17747
SDev	.00438	.012	.00118	.01064	.00187	.0034	.00127
%RSD	20.407	.4389	.20491	2.3469	.29091	.23652	.71815
#1	.01644	2.669	.57216	.44406	.64316	1.4505	.17674
#2	.02447	2.690	.57370	.45152	.64009	1.4473	.17894
#3	.02350	2.689	.57447	.46505	.64347	1.4541	.17673

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.004	.21581	-.04808	344.75	-.00134	8.9874	355.39
SDev	.077	.00602	.01394	.37	.00604	.0282	.90
%RSD	.26590	2.7883	28.996	.10841	451.85	.31405	.25303
#1	29.021	.21202	-.06173	344.71	-.00031	8.9589	354.38
#2	28.920	.22275	-.04864	344.39	.00413	9.0153	355.73
#3	29.071	.21267	-.03386	345.14	-.00783	8.9881	356.08

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	355.01	-.00325	-.00038	8.8451	9.0622
SDev	1.79	.01117	.00884	.0629	.0355
%RSD	.50559	343.16	2326.2	.71129	.39222
#1	353.87	-.01457	.00680	8.8377	9.0231
#2	357.08	.00776	.00231	8.9114	9.0709
#3	354.09	-.00296	-.01026	8.7862	9.0926

Method: KICAP Sample Name: ICSA-FINAL Operator: CT
Run Time: 07/27/09 15:47:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00067	429.2	.00418	-.00113	.00004	489.2	.00091
SDev	.00049	2.7	.00040	.00005	.00001	2.9	.00005
%RSD	72.351	.6312	9.6079	4.0377	18.094	.5828	5.9495
#1	.00123	426.4	.00455	-.00110	.00005	486.0	.00097
#2	.00041	429.4	.00425	-.00111	.00004	489.9	.00090
#3	.00038	431.8	.00375	-.00118	.00003	491.6	.00086
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value		500.0				500.0	
Range		20.00				20.00	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00117	.00159	-.00078	180.87	-.1013	470.6	-.00051
SDev	.00009	.00032	.00027	1.11	.0261	2.4	.00003
%RSD	7.9499	20.013	34.980	.61506	25.80	.5119	6.7637
#1	.00123	.00186	-.00054	179.64	-.0800	467.9	-.00048
#2	.00121	.00169	-.00072	181.17	-.0933	471.4	-.00050
#3	.00106	.00124	-.00108	181.81	-.1305	472.6	-.00055
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.0	
Range				20.000		20.00	

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00102	-.0118	.00055	.00712	-.00040	-.00016	.00065
SDev	.00054	.0013	.00037	.00088	.00005	.00011	.00044
%RSD	52.664	10.95	67.680	12.385	11.391	71.645	67.655
#1	-.00152	-.0105	.00088	.00704	-.00037	-.00007	.00107
#2	-.00045	-.0118	.00062	.00805	-.00039	-.00012	.00067
#3	-.00109	-.0131	.00015	.00629	-.00045	-.00029	.00020
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00173	.00102	.01457	.00697	.00128	.00005	.02354
SDev	.00004	.00051	.00089	.00095	.00168	.00126	.00540
%RSD	2.4687	49.794	6.1194	13.659	131.60	2385.0	22.957
#1	.00168	.00093	.01545	.00609	.00021	.00043	.02977
#2	.00176	.00056	.01459	.00684	.00321	.00108	.02018
#3	.00175	.00157	.01367	.00798	.00040	-.00135	.02067
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value Range					
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00130	.00221	.00081	-.00182	.00174
SDev	.00391	.00462	.00419	.00695	.00413
%RSD	300.24	209.07	517.12	381.45	237.58
#1	-.00573	.00753	-.00344	-.00976	.00626
#2	.00018	-.00026	.00494	.00318	.00079
#3	.00165	-.00065	.00093	.00112	-.00183
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value Range					

Method: KICAP Sample Name: ICSAB-FINAL Operator: CT
Run Time: 07/27/09 15:51:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18879	425.3	.48746	.47014	.46895	483.8	.89609
SDev	.00052	1.7	.00299	.00183	.00195	2.2	.00331
%RSD	.27426	.3970	.61348	.38880	.41540	.4516	.36939
#1	.18841	423.9	.48503	.46851	.46771	482.3	.89440
#2	.18858	424.7	.48654	.46979	.46794	482.7	.89396
#3	.18938	427.2	.49080	.47211	.47119	486.3	.89990
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.20000	500.0	.50000	.50000	.50000	500.0	1.0000
Range	20.000	20.00	20.000	20.000	20.000	20.00	20.000

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44694	.45307	.49781	178.94	7.434	463.9	.44252
SDev	.00166	.00155	.00248	.71	.008	1.8	.00175
%RSD	.37196	.34123	.49808	.39704	.1140	.3910	.39596
#1	.44606	.45239	.49579	178.46	7.443	463.0	.44133
#2	.44590	.45199	.49707	178.60	7.429	462.7	.44170
#3	.44886	.45484	.50058	179.75	7.429	466.0	.44454
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	200.00		500.0	.50000
Range	20.000	20.000	20.000	20.000		20.00	20.000

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45851	1.166	.89972	.46278	.44603	.47223	.46386
SDev	.00237	.002	.00331	.00312	.00171	.00196	.00177
%RSD	.51792	.1348	.36753	.67384	.38385	.41564	.38252
#1	.45722	1.166	.89863	.46177	.44465	.47085	.46269
#2	.45707	1.165	.89709	.46029	.44548	.47137	.46299
#3	.46126	1.168	.90343	.46628	.44795	.47448	.46591
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000		1.0000	.50000	.50000	.50000	.50000
Range	20.000		20.000	20.000	20.000	20.000	20.000

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97328	.09805	.10188	.05038	.04898	.59221	.06733
SDev	.00415	.00090	.00104	.00146	.00149	.00146	.00136
%RSD	.42597	.91901	1.0176	2.8988	3.0447	.24601	2.0121
#1	.97054	.09884	.10132	.04870	.05059	.59058	.06885
#2	.97125	.09825	.10126	.05109	.04765	.59340	.06690
#3	.97805	.09707	.10308	.05134	.04869	.59263	.06625
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK

Value	1.0000	.10000	.10000	.05000	.05000	.60000
Range	20.000	20.000	20.000	20.000	20.000	20.000
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.04192	.05084	.04804	.57276	.60266	
SDev	.00286	.00489	.00062	.01400	.00497	
%RSD	6.8219	9.6191	1.2892	2.4439	.82429	
#1	.03864	.05645	.04766	.55881	.60645	
#2	.04321	.04751	.04772	.57266	.60451	
#3	.04390	.04856	.04876	.58681	.59704	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
Value						
Range						

Method: KICAP Sample Name: CCVH6 Operator: CT
Run Time: 07/27/09 15:55:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.0581	.00697	.00033	.00006	49.25	.00048
SDev	.00025	.0555	.00022	.00004	.00004	.05	.00003
%RSD	33.877	95.50	3.1331	13.336	66.724	.0967	5.7630
#1	.00046	.1215	.00676	.00030	.00011	49.30	.00047
#2	.00092	.0341	.00695	.00030	.00004	49.24	.00046
#3	.00087	.0186	.00719	.00038	.00003	49.20	.00052
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00136	5.1121	.00032	10.200	.1700	.0772	-.00004
SDev	.00070	.0183	.00034	.008	.0398	.0578	.00002
%RSD	51.718	.35786	107.16	.07984	23.38	74.88	41.758
#1	.00056	5.0917	-.00002	10.209	.1262	.1434	-.00005
#2	.00163	5.1173	.00032	10.197	.1801	.0523	-.00004
#3	.00189	5.1272	.00066	10.194	.2037	.0360	-.00002
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	50.50	.00082	.00001	.00020	.00136	.00031
SDev	.00057	.34	.00009	.00108	.00001	.00019	.00012
%RSD	213.36	.6789	10.865	11927.	6.0134	14.176	38.119
#1	.00092	50.12	.00077	-.00067	.00021	.00117	.00021
#2	.00004	50.63	.00092	-.00056	.00019	.00136	.00045
#3	-.00015	50.77	.00077	.00126	.00018	.00155	.00028
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00218	-.00214	.00166	9.9296	-.00177	-.00040	10.095
SDev	.00015	.00053	.00129	.0324	.00047	.00079	.004
%RSD	7.0914	24.899	77.330	.32669	26.562	200.84	.03887
#1	.00235	-.00269	.00018	9.8992	-.00214	-.00054	10.091
#2	.00205	-.00163	.00237	9.9258	-.00194	-.00110	10.097
#3	.00215	-.00212	.00244	9.9637	-.00124	.00046	10.098
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.008	-.00286	-.00123	-.00943	.00337
SDev	.131	.00061	.00044	.00206	.00147
%RSD	1.3089	21.284	36.113	21.873	43.652
#1	9.8693	-.00309	-.00167	-.00766	.00226
#2	10.130	-.00333	-.00125	-.00893	.00280
#3	10.024	-.00217	-.00078	-.01170	.00503
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV6 Operator: CT
Run Time: 07/27/09 15:58:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24552	4.839	.51160	.51406	.49127	9.922	.51121
SDev	.00046	.010	.00149	.00023	.00021	.057	.00149
%RSD	.18558	.2102	.29112	.04467	.04285	.5736	.29175
#1	.24504	4.850	.51086	.51426	.49109	9.987	.50954
#2	.24594	4.831	.51061	.51411	.49123	9.884	.51169
#3	.24556	4.836	.51331	.51381	.49150	9.894	.51241
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50517	.50684	.50049	.98909	11.15	10.02	.48259
SDev	.00125	.00414	.00072	.01716	.15	.02	.00068
%RSD	.24642	.81696	.14375	1.7350	1.355	.1752	.14009
#1	.50381	.51159	.50132	1.0089	10.97	10.00	.48186
#2	.50547	.50396	.50005	.97856	11.23	10.03	.48270
#3	.50624	.50498	.50010	.97981	11.24	10.04	.48320
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50662	10.27	.50983	.49532	.48693	.48243	.50134
SDev	.00311	.02	.00124	.00272	.00011	.00054	.00066
%RSD	.61472	.2158	.24356	.54937	.02202	.11256	.13133
#1	.50349	10.25	.50840	.49226	.48681	.48182	.50059
#2	.50665	10.29	.51047	.49624	.48699	.48262	.50183
#3	.50971	10.28	.51063	.49747	.48700	.48286	.50160
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50472	.49674	.50085	.49907	.49085	.48618	.50016
SDev	.00018	.00080	.00546	.00300	.00431	.00252	.00214
%RSD	.03552	.16125	1.0898	.60177	.87891	.51913	.42709
#1	.50457	.49609	.49472	.49584	.48691	.48349	.49872
#2	.50467	.49650	.50266	.49958	.49017	.48658	.49914
#3	.50492	.49763	.50518	.50178	.49546	.48849	.50262
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.49852	.49997	.48629	.47579	.49137	
SDev	.00365	.00493	.00413	.00243	.00307	
%RSD	.73260	.98525	.85018	.51082	.62539	
#1	.49440	.49650	.48213	.47303	.48796	
#2	.49979	.49781	.48636	.47670	.49226	
#3	.50137	.50561	.49039	.47763	.49391	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB6 Operator: CT
Run Time: 07/27/09 16:02:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.0020	.00521	.00060	.00010	-.0234	.00068
SDev	.00046	.0013	.00086	.00007	.00004	.0007	.00011
%RSD	80.366	64.83	16.512	12.500	37.813	2.891	15.345
#1	.00109	.0035	.00621	.00068	.00015	-.0237	.00080
#2	.00041	.0013	.00471	.00053	.00009	-.0227	.00060
#3	.00022	.0013	.00473	.00060	.00008	-.0240	.00065

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00241	.00241	-.00011	.00209	.2323	.0150	.00011
SDev	.00014	.00010	.00015	.00024	.0109	.0005	.00006
%RSD	5.5868	4.0855	131.40	11.649	4.685	3.424	60.541
#1	.00256	.00241	.00005	.00181	.2395	.0156	.00018
#2	.00229	.00231	-.00015	.00221	.2198	.0147	.00008
#3	.00239	.00251	-.00024	.00225	.2376	.0147	.00006

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.0065	.00031	.00060	.00014	.00112	.00023
SDev	.00020	.0004	.00013	.00090	.00005	.00015	.00029
%RSD	134.57	5.892	42.927	149.20	33.275	13.478	125.11
#1	.00008	.0066	.00039	.00162	.00019	.00128	.00055
#2	-.00026	.0060	.00016	.00025	.00011	.00108	-.00001
#3	-.00026	.0067	.00039	-.00007	.00011	.00098	.00015

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00088	-.00033	.00648	.00278	-.00096	-.00014	-.00043
SDev	.00006	.00031	.00208	.00049	.00032	.00100	.00077
%RSD	6.6383	93.253	32.092	17.410	33.057	730.97	179.34
#1	.00084	-.00040	.00859	.00276	-.00059	-.00125	-.00131
#2	.00085	-.00061	.00642	.00328	-.00114	.00017	.00016
#3	.00095	.00001	.00443	.00231	-.00113	.00067	-.00015

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00439	-.00175	-.00056	.00371	-.00281
SDev	.00073	.00087	.00043	.00131	.00255
%RSD	16.740	49.582	77.030	35.223	90.819
#1	.00479	-.00119	-.00029	.00472	-.00573
#2	.00484	-.00131	-.00106	.00223	-.00161
#3	.00354	-.00275	-.00033	.00418	-.00107

Life Science Laboratories, Inc. - Brittonfield

ICAP-61E Analysis Run Log

Analysis Date: 07/28/09 **Lab Method:** KICAP

Standard #	Sample ID	Batch ID	DF	Method	Comment
	Profile	1.0 mg/L As			Vernier set: 605 Time: 9:00 Am
7835-S	BLANK		1	200.7/6010B	
7836-S	STD3		1		
7837-S	STD2		1		
7838-S	STD1		1		
7814-S	ICVH		1		
8101-S	ICV		1		
7839-S	CCV/IPC		1		
7835-S	ICB		1		
7842-S	CRI(PQL)		1		
8117-S	CRI(ONEIDA)		1		
8099-S	ICSA-INITIAL		1		
8100-S	ICSAB-INITIAL		1		
	MB-9779	9779	1	200.7	
	LCS-9779		1		
	0907059-001C		1		
	0907065-001A		1		
	0907065-002A		1		
	0907103-001A		1		>LR, D/R
7841-S	CCVH1		1		
7839-S	CCV1		1		
7835-S	CCB1		1		
	0907103-002A	9779	1		
	0907103-002AMS		1		
	0907103-002AMSD		1		
	0907103-002ASD		5		
	0907103-002APDS		1		
	0907103-001A		2		For all elements
	MB-9772	9772	1	6010B	
	LCS-9772		1		
	TBLK1-9747		1		
	0907094-001B		1		
	CCVH2		1		
	CCV2		1		
	CCB2		1		
	0907094-001BMS	9772	1		
	0907094-001BMSD		1		
	0907094-001BSD		5		
	0907094-001BPDS		1		
	TBLK1-9734		1		
	TBLK2-9734		1		

N/A = Not Applicable, >LR = Greater than Linear Range, D/RA = Dilute and Reanalyze, RA = Reanalyze

Life Science Laboratories, Inc. - Brittonfield

ICAP-61E Analysis Run Log

Analysis Date: 07/28/09 **Lab Method: KICAP**

Standard #	Sample ID	Batch ID	DF	Method	Comment
	0907079-001B	9772	1	6010B	
	0907088-007B		1		
	0907088-007BMS		1		
	0907088-007BMSD		1		
	CCVH3		1		
	CCV3		1		
	CCB3		1		
	0907088-007BPDS	9772	1		
	0907093-001B		1		
	TBLK1-9769		1		
	TBLK2-9769		1		
	0907107-001B		1		
	0907107-001BMS		1		
	0907107-001BMSD		1		
	0907107-002B		1		
	0907107-003B		1		
	0907112-004B		1		
	CCVH4		1		
	CCV4		1		
	CCB4		1		
	MB-9771	9771	1		
	LCS-9771		1		
	TBLK2-9726		1		
	0907070-001B		1		
	0907070-001BMS		1		
	0907070-001BMSD		1		
	0907070-001BSD		5		
	0907070-001BPDS		1		
	0907070-002B		1		
	0907070-003B		1		
	CCVH5		1		
	CCV5		1		
	CCB5		1		
	0907070-004B	9771	1		
	0907070-005B		1		
	TBLK1-9734		1		
	TBLK2-9734		1		
	0907070-006B		1		
	0907070-007B		1		
	0907070-008B		1		
	0907070-009B		1		

N/A = Not Applicable, >LR = Greater than Linear Range, D/RA = Dilute and Reanalyze, RA = Reanalyze

Life Science Laboratories, Inc. - Brittonfield

ICAP-61E Analysis Run Log

Analysis Date: 07/28/09 **Lab Method:** KICAP

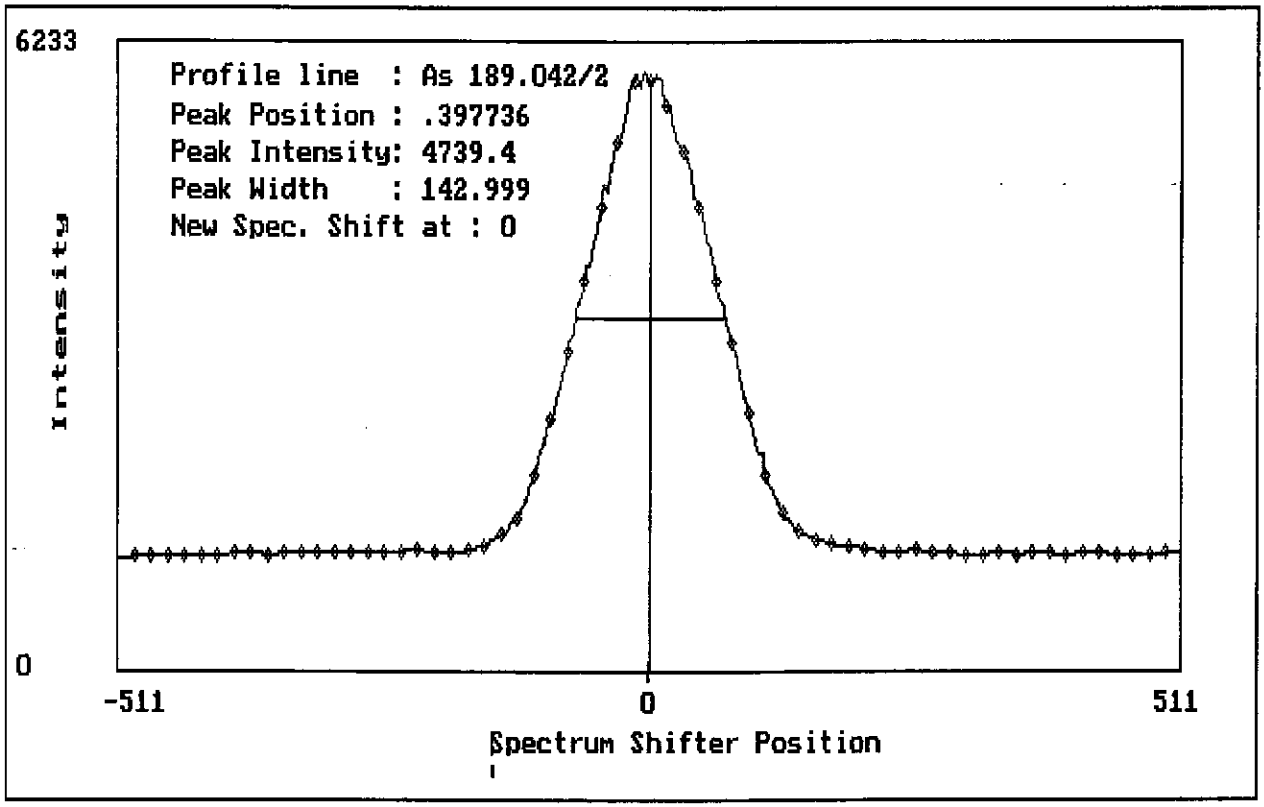
Standard #	Sample ID	Batch ID	DF	Method	Comment
	0907070-010B	9771	1	6010B	
	CCVH6		1		
	CCV6		1		
	CCB6		1		
	MB-9788	9788	1		
	LCS-9788	↓	1		
	0907072-056A	↓	1		
	ICSA-FINAL		1		
	ICSAB-FINAL		1		
	CCVH7		1		
	CCV7		1		
	CCB7		1	↓	

Analyst: Cang Tran Date: 7/29/09

Reviewer: MT Date: 7/30/09

Print Date: 7/29/09

N/A = Not Applicable, >LR = Greater than Linear Range, D/RA = Dilute and Reanalyze, RA = Reanalyze


6233
Profile line : As 189.042/2
Peak Position : .397736
Peak Intensity: 4739.4
Peak Width : 142.999
New Spec. Shift at : 0
Intensity
0
-511
0
511
Spectrum Shifter Position

CT
7/30/09

Method: KICAP Standard: BLANK
Run Time: 07/28/09 11:11:34

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Ca
Avge	.01633	1.447	5.2760	.28952	.67699	1.706	2.139
SDev	.01700	.003	.0129	.00058	.00115	.003	.005
%RSD	104.14	.2392	.24359	.19932	.17048	.1790	.2305
#1	-.00300	1.451	5.2854	.28986	.67766	1.709	2.141
#2	.02299	1.445	5.2614	.28986	.67566	1.705	2.142
#3	.02899	1.445	5.2814	.28886	.67766	1.703	2.133

Elem	Cd2265	Co2286	Cr	Cr	Cu3247	Fe	Fe
Avge	57.044	5.6972	9.5366	10.492	.03665	2.0570	14.488
SDev	.202	.0079	.0168	.009	.00750	.0035	.031
%RSD	.35332	.13925	.17579	.08731	20.470	.16832	.21685
#1	57.222	5.7061	9.5472	10.500	.03698	2.0590	14.482
#2	57.085	5.6942	9.5452	10.494	.04398	2.0590	14.460
#3	56.826	5.6912	9.5172	10.482	.02899	2.0530	14.522

Elem	K_7664	Mg2790	Mn2576	Mo2020	Na	Na	Ni2316
Avge	22.31	1.405	1.9217	.00933	5.075	15.08	-.00666
SDev	.01	.002	.0035	.01050	.009	.05	.00289
%RSD	.0644	.1481	.18266	112.54	.1787	.3552	43.301
#1	22.32	1.406	1.9220	.01999	5.081	15.06	-.01000
#2	22.32	1.402	1.9250	.00900	5.078	15.13	-.00500
#3	22.29	1.405	1.9180	-.00100	5.064	15.03	-.00500

Elem	Sn1899	Sr4215	Ti3349	V_2924	Zn2138	As1890	Tl1908
Avge	7.3996	1.0341	.85790	.00400	.02799	-.03515	19.910
SDev	.0055	.0006	.00208	.00346	.00500	.07222	.066
%RSD	.07439	.05580	.24252	86.603	17.857	205.48	.33285
#1	7.4023	1.0335	.85857	.00600	.02299	-.05897	19.980
#2	7.3933	1.0345	.85957	.00000	.03298	-.09245	19.903
#3	7.4033	1.0345	.85557	.00600	.02799	.04598	19.848

Elem	2203/1	2203/2	Pb	1960/1	1960/2	2068/1	2068/2
Avge	.10328	.15825	12.780	-.00200	-.08029	-.10262	-.05031
SDev	.49673	.12576	.014	.03363	.07238	.21481	.03353
%RSD	480.94	79.469	.10676	1682.3	90.147	209.34	66.648
#1	-.21489	.26987	12.778	.01000	-.11594	-.17891	-.03298
#2	.67566	.18291	12.795	-.03998	.00300	-.26887	-.02899
#3	-.15092	.02199	12.768	.02399	-.12794	.13993	-.08896

CT
7/30/09

Method: KICAP Standard: STD3
Run Time: 07/28/09 11:15:12

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Avge	31.397	18.40	55.811	14.071	197.89	308.7	3106.1
SDev	.050	.02	.056	.010	.13	.3	1.4
%RSD	.15809	.1060	.09988	.07008	.06802	.1012	.04509
#1	31.441	18.40	55.797	14.078	198.04	308.5	3107.5
#2	31.343	18.38	55.763	14.060	197.79	308.5	3104.8
#3	31.406	18.42	55.872	14.076	197.85	309.1	3105.9

Elem	Co2286	Cr	Cu3247	Fe	Mg2790	Mn2576	Mo2020
Avge	66.039	137.65	20.855	433.35	49.64	146.68	21.233
SDev	.047	.08	.016	.17	.03	.10	.059
%RSD	.07148	.05465	.07713	.04018	.0553	.07083	.27975
#1	66.083	137.73	20.870	433.53	49.66	146.79	21.207
#2	65.989	137.58	20.838	433.18	49.61	146.58	21.301
#3	66.044	137.63	20.857	433.34	49.66	146.67	21.191

Elem	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924	Zn2138
Avge	1081.	13.459	41.846	127.61	21.713	30.141	40.764
SDev	2.	.012	.044	.14	.010	.036	.006
%RSD	.1837	.08607	.10629	.10779	.04657	.11907	.01365
#1	1079.	13.472	41.891	127.76	21.707	30.168	40.765
#2	1080.	13.451	41.802	127.50	21.708	30.100	40.758
#3	1083.	13.453	41.846	127.56	21.725	30.154	40.769

Elem	As1890	Tl1908	2203/1	2203/2	1960/1	1960/2	2068/1
Avge	135.54	85.228	538.36	491.28	69.475	79.619	86.876
SDev	.28	.072	1.35	4.53	.119	.514	1.181
%RSD	.20341	.08405	.25122	.92178	.17179	.64523	1.3598
#1	135.61	85.153	538.96	491.40	69.612	79.655	86.913
#2	135.77	85.233	539.32	486.69	69.420	79.087	85.676
#3	135.23	85.296	536.82	495.74	69.393	80.113	88.038

Elem	2068/2
Avge	119.39
SDev	.23
%RSD	.19432
#1	119.65
#2	119.19
#3	119.34

Method: KICAP Standard: STD2
Run Time: 07/28/09 11:18:46

Elem	Ca	Cr	Fe	Na	Pb
Avge	181.2	44.420	26.801	24.28	87.637
SDev	1.4	.249	.200	.05	.511
%RSD	.7745	.56090	.74647	.2250	.58301
#1	180.5	44.303	26.653	24.28	87.207
#2	180.4	44.252	26.722	24.23	87.501
#3	182.9	44.707	27.028	24.34	88.202

Method: KICAP Standard: STD1
Run Time: 07/28/09 11:20:52

Elem	K_7664
Avge	69.95
SDev	.03
%RSD	.0375
#1	69.93
#2	69.93
#3	69.98

Method: KICAP Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD3	BLANK	.015913	-.000260	07/28/09 11:20:52
Al3082	308.215	STD3	BLANK	1.31518	.404091	07/28/09 11:20:52
B_2496	249.678	STD3	BLANK	.020011	-.105580	07/28/09 11:20:52
Ba4934	493.409	STD3	BLANK	.072560	-.021008	07/28/09 11:20:52
Be3130	313.042	STD3	BLANK	.005072	-.003434	07/28/09 11:20:52
Ca	317.933	STD3	BLANK	.065240	-.139522	07/28/09 11:20:52
Ca	370.603	STD2	BLANK	1.16710	-.064481	07/28/09 11:20:52
Cd2265	226.502	STD3	BLANK	.000328	-.018719	07/28/09 11:20:52
Co2286	228.616	STD3	BLANK	.016581	-.094462	07/28/09 11:20:52
Cr	267.716	STD3	BLANK	.007869	-.082563	07/28/09 11:20:52
Cr	298.919	STD2	BLANK	.348267	2.08202	07/28/09 11:20:52
Cu3247	324.753	STD3	BLANK	.048025	-.001760	07/28/09 11:20:52
Fe	271.441	STD2	BLANK	1.21829	-.692556	07/28/09 11:20:52
Fe	259.940	STD3	BLANK	.004780	-.069246	07/28/09 11:20:52
K_7664	766.491	STD1	BLANK	2.73505	-35.0742	07/28/09 11:20:52
Mg2790	279.078	STD3	BLANK	1.21046	-.368583	07/28/09 11:20:52
Mn2576	257.610	STD3	BLANK	.006911	-.013281	07/28/09 11:20:52
Mo2020	202.030	STD3	BLANK	.047119	-.000440	07/28/09 11:20:52
Na	588.995	STD3	BLANK	.720304	-6.33275	07/28/09 11:20:52
Na	330.232	STD2	BLANK	1.18458	2.77378	07/28/09 11:20:52
Ni2316	231.604	STD3	BLANK	.074177	.000494	07/28/09 11:20:52
Sn1899	189.989	STD3	BLANK	.029115	-.215443	07/28/09 11:20:52
Sr4215	421.552	STD3	BLANK	.007902	-.008171	07/28/09 11:20:52
Ti3349	334.941	STD3	BLANK	.048003	-.041182	07/28/09 11:20:52
V_2924	292.402	STD3	BLANK	.033135	-.000132	07/28/09 11:20:52
Zn2138	213.856	STD3	BLANK	.024667	-.000690	07/28/09 11:20:52
As1890	189.042	STD3	BLANK	.007345	.000258	07/28/09 11:20:52
Tl1908	190.864	STD3	BLANK	.015565	-.309907	07/28/09 11:20:52
Pb	220.353	NONE	NONE	1.00000	.000000	*07/28/09 11:20:52
Se1960	196.026	NONE	NONE	1.00000	.000000	*07/28/09 11:20:52
Sb2068	206.838	NONE	NONE	1.00000	.000000	*07/28/09 11:20:52
2203/1	220.351	STD3	BLANK	.001872	-.000193	07/28/09 11:20:52
2203/2	220.352	STD3	BLANK	.002027	-.000321	07/28/09 11:20:52
Pb	405.782	STD2	BLANK	1.20464	-.833171	07/28/09 11:20:52
1960/1	196.021	STD3	BLANK	.014401	.000029	07/28/09 11:20:52
1960/2	196.022	STD3	BLANK	.012542	.001007	07/28/09 11:20:52
2068/1	206.831	STD3	BLANK	.011485	.001178	07/28/09 11:20:52
2068/2	206.832	STD3	BLANK	.008372	.000421	07/28/09 11:20:52

Method: KICAP Sample Name: ICVH Operator: CT
Run Time: 07/28/09 11:26:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	-.0131	.00016	-.00070	-.00006	49.14	-.00042
SDev	.00053	.0029	.00038	.00015	.00001	.36	.00007
%RSD	994.05	22.25	232.28	20.690	17.592	.7238	15.636
#1	.00018	-.0098	.00050	-.00056	-.00005	48.90	-.00035
#2	.00031	-.0145	.00024	-.00070	-.00006	48.98	-.00048
#3	-.00066	-.0151	-.00025	-.00085	-.00007	49.55	-.00043
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value						50.00	
Range						10.00	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00258	4.9762	.00038	10.127	-.1470	-.0072	-.00030
SDev	.00023	.0266	.00039	.068	.0256	.0027	.00005
%RSD	8.8551	.53446	103.07	.66842	17.44	36.90	16.269
#1	-.00232	4.9560	.00047	10.080	-.1190	-.0042	-.00024
#2	-.00273	4.9663	.00071	10.096	-.1525	-.0081	-.00032
#3	-.00269	5.0064	-.00005	10.205	-.1694	-.0093	-.00033
Errors	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK
Value		5.0000		10.000			
Range		10.000		10.000			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	47.72	.00015	-.00356	-.00020	-.00022	-.00018
SDev	.00090	.03	.00064	.00121	.00003	.00015	.00078
%RSD	9463.3	.0634	440.37	34.070	14.619	66.536	426.93
#1	-.00104	47.71	.00071	-.00222	-.00017	-.00006	.00013
#2	.00056	47.70	.00027	-.00388	-.00020	-.00026	.00039
#3	.00046	47.76	-.00055	-.00458	-.00023	-.00034	-.00107
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value		50.00					
Range		10.00					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	-.00278	-.00704	9.8803	.00066	.00228	10.071
SDev	.00008	.00113	.00206	.0617	.00069	.00063	.047
%RSD	28.663	40.628	29.282	.62420	105.01	27.433	.47019
#1	-.00025	-.00252	-.00508	9.8375	.00005	.00156	10.016
#2	-.00022	-.00180	-.00686	9.8525	.00141	.00257	10.102
#3	-.00037	-.00401	-.00919	9.9510	.00052	.00270	10.094
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK

Value				10.000	
Range				10.000	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.065	-.00001	.00099	-.00889	.00810
SDev	.030	.00554	.00249	.00466	.00308
%RSD	.29370	103120.	251.18	52.414	38.055
#1	10.057	-.00585	.00299	-.00522	.00495
#2	10.041	.00066	.00179	-.00731	.00825
#3	10.098	.00518	-.00180	-.01413	.01111
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value					
Range					

Method: KICAP Sample Name: ICV Operator: CT
Run Time: 07/28/09 11:30:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04785	.9705	.49571	.19052	.19918	9.706	.19530
SDev	.00064	.0062	.00209	.00073	.00081	.034	.00077
%RSD	1.3418	.6364	.42167	.38129	.40448	.3532	.39309
#1	.04769	.9639	.49348	.18996	.19858	9.678	.19473
#2	.04855	.9715	.49603	.19025	.19886	9.696	.19500
#3	.04730	.9762	.49762	.19134	.20009	9.744	.19618
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.05000	1.000	.50000	.20000	.20000	10.00	.20000
Range	10.000	10.00	10.000	10.000	10.000	10.00	10.000

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19691	.19838	.19878	.99840	10.08	9.857	.19925
SDev	.00080	.00076	.00063	.00387	.07	.042	.00070
%RSD	.40569	.38407	.31529	.38743	.6591	.4268	.35025
#1	.19620	.19789	.19819	.99525	10.01	9.819	.19867
#2	.19675	.19799	.19871	.99724	10.11	9.851	.19907
#3	.19778	.19926	.19944	1.0027	10.13	9.902	.20003
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.20000	.20000	.20000	1.0000		10.00	.20000
Range	10.000	10.000	10.000	10.000		10.00	10.000

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19727	9.544	.20014	.20190	.19557	.20546	.19968
SDev	.00227	.045	.00092	.00055	.00070	.00082	.00075
%RSD	1.1515	.4751	.45764	.27154	.35725	.39827	.37644
#1	.19481	9.493	.19913	.20128	.19495	.20470	.19881
#2	.19773	9.561	.20039	.20209	.19542	.20537	.20017
#3	.19928	9.579	.20091	.20232	.19633	.20632	.20004
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.20000	10.00	.20000	.20000	.20000	.20000	.20000
Range	10.000	10.00	10.000	10.000	10.000	10.000	10.000

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20136	.20028	.19662	.20178	.19559	.21065	.20133
SDev	.00076	.00118	.00172	.00057	.00223	.00201	.00073
%RSD	.37522	.58962	.87405	.28491	1.1424	.95507	.36237
#1	.20080	.19921	.19484	.20112	.19306	.20973	.20052
#2	.20106	.20008	.19676	.20210	.19640	.20926	.20154
#3	.20222	.20155	.19827	.20213	.19730	.21296	.20194
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK

Value	.20000	.20000	.20000	.20000	.20000	.20000
Range	10.000	10.000	10.000	10.000	10.000	10.000
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.20201	.19473	.19602	.20813	.21141	
SDev	.00052	.00140	.00265	.00059	.00228	
%RSD	.25594	.72059	1.3538	.28285	1.0775	
#1	.20142	.19312	.19304	.20778	.20995	
#2	.20238	.19539	.19691	.20881	.21024	
#3	.20223	.19568	.19812	.20780	.21403	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
Value						
Range						

Method: KICAP Sample Name: CCV/IPC Operator: CT
Run Time: 07/28/09 11:34:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25009	5.013	.50502	.50162	.50177	9.985	.50792
SDev	.00065	.008	.00261	.00141	.00171	.033	.00193
%RSD	.26086	.1693	.51720	.28195	.34168	.3264	.38007
#1	.24971	5.003	.50205	.50022	.49990	9.950	.50580
#2	.24971	5.017	.50603	.50160	.50217	9.991	.50842
#3	.25084	5.019	.50697	.50305	.50326	10.01	.50956
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.25000	5.000	.50000	.50000	.50000	10.00	.50000
Range	5.0000	5.000	5.0000	5.0000	5.0000	5.000	5.0000

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50777	.50722	.50339	1.0050	10.76	10.13	.50673
SDev	.00224	.00212	.00167	.0035	.03	.04	.00166
%RSD	.44154	.41706	.33170	.34358	.2699	.3777	.32711
#1	.50522	.50481	.50150	1.0014	10.73	10.08	.50491
#2	.50867	.50809	.50399	1.0055	10.77	10.14	.50710
#3	.50943	.50876	.50467	1.0082	10.78	10.15	.50816
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	1.0000		10.00	.50000
Range	5.0000	5.0000	5.0000	5.0000		5.000	5.0000

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50515	9.956	.50830	.50537	.50499	.50379	.50482
SDev	.00226	.013	.00159	.00330	.00131	.00177	.00120
%RSD	.44788	.1322	.31209	.65289	.25910	.35034	.23689
#1	.50261	9.945	.50649	.50264	.50380	.50190	.50365
#2	.50694	9.953	.50946	.50904	.50477	.50406	.50475
#3	.50590	9.971	.50895	.50444	.50639	.50540	.50604
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	10.00	.50000	.50000	.50000	.50000	.50000
Range	5.0000	5.000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50931	.50441	.50395	.50451	.50142	.50148	.50554
SDev	.00150	.00150	.00409	.00753	.00833	.00265	.00372
%RSD	.29420	.29786	.81091	1.4932	1.6613	.52895	.73548
#1	.50779	.50267	.49934	.49581	.49233	.49861	.50435
#2	.50935	.50531	.50538	.50862	.50323	.50199	.50971
#3	.51079	.50523	.50712	.50908	.50869	.50384	.50257
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK

Value	.50000	.50000	.50000	.50000	.50000	.50000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.50399	.50151	.50137	.49942	.50151	
SDev	.01098	.00137	.01285	.01411	.00289	
%RSD	2.1786	.27255	2.5632	2.8251	.57645	
#1	.49155	.50183	.48759	.48533	.50374	
#2	.50808	.50269	.50350	.49938	.50255	
#3	.51233	.50001	.51303	.51355	.49824	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
Value						
Range						

Method: KICAP Sample Name: ICB Operator: CT
Run Time: 07/28/09 11:38:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.0046	.00022	-.00002	.00001	.0008	.00001
SDev	.00052	.0061	.00113	.00018	.00006	.0013	.00017
%RSD	81.733	131.5	522.87	754.81	640.83	162.1	2819.1
#1	.00073	.0117	.00151	.00017	.00008	.0023	.00021
#2	.00007	.0011	-.00059	-.00019	-.00003	-.0003	-.00010
#3	.00109	.0011	-.00027	-.00005	-.00003	.0005	-.00009

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	-.00045	.00062	-.00069	-.0207	-.0019	-.00004
SDev	.00067	.00081	.00080	.00066	.0485	.0056	.00015
%RSD	109.80	181.10	127.90	96.185	234.3	299.1	350.99
#1	.00013	.00043	.00074	.00007	.0321	.0045	.00012
#2	-.00118	-.00116	-.00022	-.00111	-.0633	-.0059	-.00016
#3	-.00080	-.00061	.00136	-.00103	-.0308	-.0042	-.00008

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	-.0004	.00025	-.00172	-.00003	-.00024	.00032
SDev	.00062	.0025	.00049	.00176	.00010	.00029	.00020
%RSD	88.016	614.6	200.42	102.25	380.95	122.13	62.422
#1	.00083	.0020	.00012	.00031	.00009	.00008	.00030
#2	.00003	-.0030	-.00017	-.00263	-.00008	-.00050	.00013
#3	.00126	-.0003	.00079	-.00283	-.00008	-.00030	.00053

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00017	-.00091	.00016	-.00002	-.00023	.00079
SDev	.00005	.00085	.00178	.00005	.00125	.00046	.00236
%RSD	45.425	500.54	195.42	29.674	7563.8	200.25	299.09
#1	-.00012	-.00019	.00114	.00016	-.00136	-.00026	.00096
#2	-.00015	-.00045	-.00179	.00021	.00021	-.00067	-.00165
#3	-.00005	.00115	-.00209	.00012	.00110	.00024	.00306

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.00188	-.00096	-.00277	.00154
SDev	.00125	.00136	.00120	.00409	.00208
%RSD	831.68	72.516	124.73	147.56	134.82
#1	-.00024	.00050	-.00229	-.00228	.00075
#2	.00114	.00190	-.00064	.00105	-.00003
#3	-.00135	.00322	.00004	-.00708	.00390

Method: KICAP Sample Name: CRI(PQL) Operator: CT
Run Time: 07/28/09 11:43:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01027	.0964	.03998	.09856	.00998	.9766	.00867
SDev	.00023	.0012	.00044	.00051	.00007	.0058	.00006
%RSD	2.2491	1.215	1.1034	.51683	.73597	.5904	.64429
#1	.01003	.0976	.03971	.09851	.00998	.9759	.00864
#2	.01049	.0952	.03973	.09808	.00991	.9712	.00864
#3	.01029	.0963	.04049	.09909	.01006	.9826	.00874

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04985	.00976	.01117	.05144	4.051	1.049	.05154
SDev	.00012	.00018	.00031	.00029	.019	.006	.00037
%RSD	.23258	1.8326	2.7622	.56570	.4671	.5266	.71511
#1	.04980	.00996	.01130	.05144	4.031	1.048	.05149
#2	.04976	.00961	.01140	.05116	4.052	1.044	.05120
#3	.04998	.00971	.01082	.05174	4.069	1.055	.05193

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05064	.8756	.05201	.04901	.04991	.05157	.05015
SDev	.00080	.0053	.00027	.00150	.00029	.00033	.00065
%RSD	1.5818	.6097	.51420	3.0591	.58797	.64424	1.3032
#1	.05033	.8714	.05208	.04905	.04988	.05138	.04995
#2	.05005	.8739	.05171	.04748	.04963	.05138	.04962
#3	.05155	.8817	.05223	.05048	.05022	.05195	.05088

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02150	.01061	.01892	.01032	.01046	.06329	.01074
SDev	.00031	.00071	.00087	.00051	.00090	.00042	.00142
%RSD	1.4584	6.7128	4.5929	4.9415	8.5709	.66008	13.235
#1	.02157	.01072	.01792	.00978	.01101	.06295	.01150
#2	.02115	.00985	.01950	.01039	.01094	.06376	.01162
#3	.02177	.01126	.01935	.01079	.00942	.06316	.00910

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01010	.00942	.01097	.06189	.06474
SDev	.00139	.00135	.00092	.00260	.00132
%RSD	13.748	14.306	8.3973	4.1941	2.0388
#1	.00891	.00924	.01189	.05938	.06548
#2	.00977	.01085	.01099	.06173	.06552
#3	.01163	.00818	.01005	.06457	.06321

Method: KICAP Sample Name: ICSA-INITIAL Operator: CT
Run Time: 07/28/09 11:50:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	453.7	-.00052	-.00188	.00000	496.1	-.00050
SDev	.00023	2.7	.00045	.00000	.00000	2.6	.00003
%RSD	119.92	.5919	87.222	.14284	708.05	.5142	7.0121
#1	-.00002	452.0	-.00027	-.00188	.00000	494.2	-.00050
#2	-.00045	456.8	-.00104	-.00188	-.00000	499.0	-.00053
#3	-.00010	452.3	-.00025	-.00188	.00000	495.0	-.00046
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value		500.0				500.0	
Range		20.00				20.00	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00130	-.00127	-.00052	184.09	-.3374	481.7	-.00002
SDev	.00012	.00017	.00039	1.12	.0085	2.4	.00004
%RSD	8.8837	13.812	74.595	.61073	2.519	.4958	205.30
#1	-.00117	-.00110	-.00023	183.33	-.3331	480.7	-.00005
#2	-.00134	-.00144	-.00095	185.38	-.3471	484.4	-.00004
#3	-.00139	-.00126	-.00036	183.56	-.3318	479.9	.00003
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.0	
Range				20.000		20.00	

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.0157	.00013	.00226	-.00060	-.00126	-.00041
SDev	.00116	.0004	.00008	.00211	.00002	.00015	.00027
%RSD	3697.1	2.257	60.336	93.236	2.6505	11.574	66.079
#1	.00130	-.0155	.00007	.00190	-.00060	-.00135	-.00014
#2	-.00063	-.0161	.00010	.00036	-.00062	-.00134	-.00041
#3	-.00077	-.0154	.00021	.00453	-.00059	-.00109	-.00067
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.00189	.00230	-.00085	.00452	-.00044	.00765
SDev	.00008	.00135	.00058	.00126	.00209	.00139	.00407
%RSD	13.374	71.314	25.328	147.81	46.339	317.40	53.150
#1	.00053	.00340	.00166	-.00205	.00400	-.00179	.00757
#2	.00065	.00151	.00244	.00046	.00273	.00099	.00363
#3	.00069	.00078	.00280	-.00097	.00682	-.00051	.01176
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value
Range

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00510	.00975	.00191	-.01211	.00564
SDev	.00346	.00331	.00231	.00673	.00199
%RSD	67.837	33.986	121.52	55.560	35.363
#1	-.00685	.01186	.00007	-.01933	.00771
#2	-.00111	.00593	.00114	-.00600	.00373
#3	-.00733	.01146	.00451	-.01101	.00548
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value
Range

Method: KICAP Sample Name: ICSAB-INITIAL Operator: CT
Run Time: 07/28/09 11:54:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19197	441.9	.48164	.46693	.47229	486.9	.88359
SDev	.00139	2.1	.00398	.00309	.00366	3.4	.00655
%RSD	.72298	.4797	.82718	.66093	.77557	.6964	.74102
#1	.19202	443.0	.48151	.46714	.47295	487.4	.88475
#2	.19055	439.5	.47772	.46374	.46834	483.2	.87654
#3	.19333	443.3	.48568	.46990	.47558	490.0	.88948
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.20000	500.0	.50000	.50000	.50000	500.0	1.0000
Range	20.000	20.00	20.000	20.000	20.000	20.00	20.000

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44940	.45702	.50598	180.51	7.261	470.7	.46561
SDev	.00363	.00358	.00433	1.36	.026	3.6	.00340
%RSD	.80838	.78244	.85646	.75316	.3590	.7636	.72913
#1	.44995	.45779	.50593	180.69	7.244	471.2	.46623
#2	.44552	.45312	.50168	179.07	7.248	466.8	.46195
#3	.45272	.46014	.51035	181.77	7.291	474.0	.46866
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	200.00		500.0	.50000
Range	20.000	20.000	20.000	20.000		20.00	20.000

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45620	1.139	.89212	.46314	.46146	.47150	.46967
SDev	.00539	.004	.00686	.00500	.00307	.00351	.00335
%RSD	1.1815	.3874	.76869	1.0793	.66439	.74348	.71348
#1	.45735	1.137	.89305	.46413	.46192	.47188	.47013
#2	.45033	1.136	.88484	.45772	.45819	.46782	.46611
#3	.46093	1.144	.89846	.46757	.46427	.47480	.47277
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000		1.0000	.50000	.50000	.50000	.50000
Range	20.000		20.000	20.000	20.000	20.000	20.000

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98502	.10127	.09569	.04533	.05135	.59815	.04998
SDev	.00765	.00257	.00168	.00156	.00188	.00525	.00145
%RSD	.77678	2.5408	1.7525	3.4530	3.6705	.87772	2.8929
#1	.98631	.10206	.09507	.04443	.04921	.59234	.05044
#2	.97681	.09839	.09441	.04442	.05276	.60254	.05114
#3	.99195	.10335	.09759	.04713	.05207	.59957	.04836
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK

Value	1.0000	.10000	.10000	.05000	.05000	.60000
Range	20.000	20.000	20.000	20.000	20.000	20.000
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.04300	.04848	.05278	.59423	.60111	
SDev	.00305	.00404	.00316	.01175	.00490	
%RSD	7.0985	8.3316	5.9952	1.9780	.81491	
#1	.04143	.04851	.04956	.58179	.59910	
#2	.04106	.05251	.05289	.59574	.60669	
#3	.04652	.04443	.05588	.60515	.59753	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
Value						
Range						

Method: KICAP Sample Name: CCVH1 Operator: CT
Run Time: 07/28/09 12:25:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	-.0069	.02180	-.00022	.00001	49.31	.00006
SDev	.00052	.0021	.00972	.00008	.00001	.20	.00005
%RSD	138.29	30.84	44.579	38.490	76.281	.4126	84.737
#1	.00095	-.0046	.03267	-.00012	.00002	49.19	.00012
#2	-.00007	-.0087	.01879	-.00027	.00000	49.55	.00001
#3	.00025	-.0075	.01395	-.00027	.00001	49.20	.00006
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	5.0914	.00009	10.245	.0771	.0424	.00072
SDev	.00038	.0251	.00005	.046	.0803	.0297	.00052
%RSD	585.00	.49305	58.086	.45236	104.2	70.00	71.332
#1	.00037	5.0716	.00006	10.218	.1692	.0764	.00131
#2	-.00027	5.1197	.00007	10.298	.0220	.0217	.00036
#3	-.00029	5.0830	.00015	10.218	.0400	.0291	.00049
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	48.90	.00017	.00078	.00025	.00081	-.00010
SDev	.00033	.12	.00037	.00047	.00021	.00005	.00019
%RSD	424.95	.2488	215.98	60.222	82.368	6.3809	193.29
#1	-.00006	49.01	.00057	.00108	.00049	.00085	.00012
#2	.00045	48.94	.00012	.00102	.00011	.00082	-.00021
#3	-.00016	48.77	-.00017	.00024	.00016	.00075	-.00021
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00205	-.00236	-.00093	9.9671	.00061	.00190	10.211
SDev	.00010	.00069	.00060	.0363	.00095	.00137	.031
%RSD	4.6849	29.402	64.768	.36429	155.71	72.175	.30224
#1	.00209	-.00156	-.00158	9.9521	.00161	.00058	10.232
#2	.00194	-.00278	-.00040	10.008	-.00028	.00332	10.224
#3	.00212	-.00273	-.00081	9.9406	.00051	.00179	10.175
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.210	-.00228	.00205	-.00692	.00630
SDev	.085	.00216	.00215	.00219	.00211
%RSD	.82865	94.637	104.57	31.682	33.503
#1	10.191	-.00425	.00453	-.00460	.00392
#2	10.302	-.00262	.00088	-.00896	.00794
#3	10.136	.00003	.00075	-.00721	.00704
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV1 Operator: CT
Run Time: 07/28/09 12:29:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25020	4.873	.50906	.50691	.49840	10.03	.50819
SDev	.00163	.029	.00225	.00243	.00223	.05	.00221
%RSD	.65012	.5891	.44092	.47908	.44712	.5303	.43405
#1	.25200	4.906	.51163	.50972	.50097	10.09	.51073
#2	.24977	4.861	.50747	.50551	.49702	10.00	.50698
#3	.24884	4.852	.50809	.50551	.49720	10.00	.50685
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50986	.50831	.50371	1.0009	10.83	10.14	.50690
SDev	.00227	.00244	.00245	.0043	.07	.04	.00240
%RSD	.44512	.48073	.48537	.42698	.6865	.4057	.47340
#1	.51248	.51112	.50644	1.0057	10.91	10.19	.50966
#2	.50844	.50672	.50174	.99750	10.81	10.12	.50537
#3	.50867	.50708	.50294	.99957	10.77	10.12	.50566
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50680	9.828	.50618	.50158	.49881	.48232	.50643
SDev	.00180	.033	.00236	.00266	.00258	.00187	.00271
%RSD	.35590	.3360	.46607	.53101	.51733	.38862	.53522
#1	.50877	9.865	.50888	.50389	.50179	.48448	.50956
#2	.50524	9.802	.50516	.50218	.49733	.48108	.50498
#3	.50637	9.818	.50450	.49866	.49731	.48141	.50475
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51478	.50306	.50409	.50323	.49562	.49396	.50280
SDev	.00183	.00201	.00070	.00367	.00376	.00499	.00251
%RSD	.35608	.39990	.13854	.73011	.75899	1.0101	.49929
#1	.51690	.50483	.50407	.50285	.49480	.49254	.49992
#2	.51379	.50348	.50480	.50707	.49972	.49950	.50453
#3	.51367	.50087	.50340	.49975	.49233	.48983	.50395
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.50344	.49632	.49526	.49105	.49591	
SDev	.00539	.00264	.00538	.00846	.00359	
%RSD	1.0715	.53086	1.0870	1.7230	.72389	
#1	.50432	.49330	.49555	.49217	.49273	
#2	.50834	.49815	.50050	.49890	.49980	
#3	.49766	.49751	.48974	.48209	.49519	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB1 Operator: CT
Run Time: 07/28/09 12:33:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.0039	.00365	.00034	.00007	.0043	.00038
SDev	.00054	.0007	.00036	.00004	.00001	.0011	.00008
%RSD	329.38	17.49	9.9438	12.371	13.723	24.82	21.493
#1	.00077	.0035	.00406	.00031	.00007	.0031	.00030
#2	-.00026	.0035	.00336	.00031	.00008	.0050	.00039
#3	-.00002	.0046	.00354	.00039	.00006	.0049	.00046

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	.00128	.00019	.00086	.0808	.0082	.00024
SDev	.00020	.00018	.00024	.00024	.0060	.0018	.00002
%RSD	16.908	13.894	123.20	27.467	7.450	21.75	8.4748
#1	.00099	.00109	-.00008	.00062	.0767	.0063	.00022
#2	.00116	.00131	.00035	.00086	.0781	.0085	.00024
#3	.00139	.00145	.00030	.00110	.0877	.0098	.00026

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.0142	-.00002	.00230	.00013	.00062	-.00007
SDev	.00060	.0035	.00027	.00160	.00001	.00006	.00024
%RSD	348.37	24.67	1147.1	69.617	6.9247	8.8957	362.37
#1	.00083	.0102	.00020	.00083	.00012	.00066	.00000
#2	-.00035	.0166	.00005	.00206	.00014	.00056	-.00033
#3	.00003	.0160	-.00032	.00400	.00014	.00066	.00013

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	-.00004	.00421	.00030	.00156	.00007	-.00076
SDev	.00011	.00116	.00046	.00023	.00122	.00100	.00248
%RSD	19.253	2661.8	11.004	75.836	78.304	1394.5	327.36
#1	.00047	-.00101	.00433	.00010	.00018	.00121	-.00357
#2	.00059	-.00035	.00461	.00025	.00251	-.00031	.00019
#3	.00069	.00124	.00370	.00055	.00200	-.00068	.00111

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00083	-.00081	.00275	-.00020	.00046
SDev	.00096	.00632	.00144	.00246	.00059
%RSD	115.02	778.84	52.497	1205.9	127.58
#1	.00194	-.00810	.00432	.00257	-.00022
#2	.00028	.00265	.00244	-.00105	.00081
#3	.00028	.00302	.00148	-.00214	.00079

Method: KICAP Sample Name: CCVH2 Operator: CT
Run Time: 07/28/09 13:37:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	-.0042	.00431	-.00017	.00003	49.17	.00005
SDev	.00058	.0004	.00039	.00004	.00001	.16	.00004
%RSD	185.05	8.433	9.0872	24.744	21.657	.3223	86.199
#1	.00098	-.0039	.00404	-.00019	.00002	49.00	.00002
#2	-.00004	-.0046	.00413	-.00019	.00002	49.31	.00002
#3	-.00001	-.0040	.00476	-.00012	.00003	49.21	.00009
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	5.0925	.00046	10.231	.0104	.0084	.00008
SDev	.00005	.0236	.00002	.044	.0059	.0018	.00002
%RSD	36.958	.46333	4.9546	.43165	57.15	21.37	22.603
#1	-.00019	5.0667	.00049	10.180	.0056	.0063	.00008
#2	-.00012	5.1131	.00045	10.263	.0085	.0094	.00006
#3	-.00010	5.0976	.00045	10.249	.0170	.0094	.00009
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	49.10	.00027	-.00098	.00003	.00094	-.00003
SDev	.00034	.09	.00027	.00100	.00002	.00009	.00013
%RSD	195.15	.1893	98.380	102.77	53.250	9.2616	405.79
#1	-.00035	49.03	.00035	-.00165	.00005	.00086	.00009
#2	.00022	49.20	-.00002	.00018	.00001	.00093	-.00018
#3	-.00039	49.05	.00049	-.00145	.00003	.00103	-.00001
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00198	-.00137	-.00099	9.9618	.00090	.00243	10.212
SDev	.00013	.00027	.00146	.0371	.00093	.00065	.025
%RSD	6.7568	19.722	146.91	.37283	102.88	26.672	.24365
#1	.00189	-.00106	-.00236	9.9241	.00193	.00216	10.233
#2	.00192	-.00153	-.00118	9.9983	.00063	.00317	10.218
#3	.00214	-.00152	.00055	9.9630	.00014	.00196	10.184
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.167	.00080	.00095	-.00857	.00692
SDev	.118	.00136	.00148	.00373	.00116
%RSD	1.1614	170.50	156.03	43.506	16.749
#1	10.043	.00054	.00262	-.01154	.00825
#2	10.278	.00227	-.00019	-.00439	.00619
#3	10.178	-.00042	.00042	-.00977	.00631
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV2 Operator: CT
Run Time: 07/28/09 13:41:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24684	4.817	.49915	.50082	.49077	9.914	.50033
SDev	.00145	.013	.00186	.00230	.00236	.048	.00237
%RSD	.58834	.2690	.37180	.45983	.48107	.4810	.47427
#1	.24850	4.831	.50113	.50348	.49349	9.969	.50307
#2	.24578	4.806	.49745	.49949	.48920	9.887	.49890
#3	.24625	4.813	.49888	.49949	.48963	9.886	.49901
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50201	.50110	.49634	.98648	10.78	10.02	.49864
SDev	.00232	.00205	.00264	.00446	.02	.04	.00235
%RSD	.46291	.41014	.53273	.45180	.2095	.4265	.47136
#1	.50466	.50345	.49938	.99162	10.79	10.07	.50134
#2	.50032	.49965	.49458	.98368	10.75	9.990	.49711
#3	.50105	.50019	.49506	.98414	10.78	10.01	.49746
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49947	9.853	.49834	.49446	.49129	.47561	.49945
SDev	.00043	.016	.00270	.00053	.00232	.00179	.00223
%RSD	.08556	.1613	.54251	.10723	.47234	.37542	.44737
#1	.49940	9.871	.50145	.49506	.49396	.47767	.50199
#2	.49907	9.841	.49663	.49428	.49016	.47451	.49779
#3	.49992	9.847	.49693	.49405	.48975	.47466	.49858
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50702	.49384	.49530	.50210	.49340	.49104	.49790
SDev	.00247	.00190	.00190	.00241	.00432	.00196	.00167
%RSD	.48670	.38468	.38419	.47998	.87612	.39805	.33597
#1	.50986	.49598	.49634	.49992	.48906	.48999	.49960
#2	.50537	.49234	.49311	.50169	.49344	.48984	.49785
#3	.50584	.49321	.49646	.50469	.49771	.49330	.49626
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.50419	.48862	.49579	.49394	.49034	
SDev	.00444	.00556	.00567	.00529	.00213	
%RSD	.88018	1.1371	1.1432	1.0702	.43352	
#1	.50008	.48866	.48927	.48812	.49167	
#2	.50360	.48304	.49863	.49523	.48789	
#3	.50890	.49416	.49948	.49846	.49147	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB2 Operator: CT
Run Time: 07/28/09 13:45:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.0001	.00188	.00027	.00007	.0073	.00019
SDev	.00054	.0044	.00059	.00017	.00005	.0019	.00016
%RSD	268.52	3134.	31.414	62.982	65.992	25.76	83.940
#1	-.00074	.0046	.00256	.00046	.00013	.0094	.00036
#2	.00034	-.0001	.00146	.00017	.00004	.0069	.00017
#3	-.00021	-.0042	.00163	.00017	.00004	.0057	.00004

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	.00065	.00010	.00067	.0250	.0038	.00013
SDev	.00057	.00051	.00082	.00050	.0300	.0041	.00010
%RSD	244.05	78.739	850.88	74.900	120.1	109.0	76.639
#1	.00076	.00120	.00016	.00124	.0575	.0085	.00024
#2	.00030	.00059	-.00075	.00049	.0191	.0014	.00010
#3	-.00036	.00017	.00088	.00029	-.0016	.0014	.00005

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.0082	-.00017	-.00120	.00009	.00027	-.00021
SDev	.00106	.0020	.00046	.00152	.00007	.00025	.00030
%RSD	225.48	24.94	268.39	125.98	76.947	93.465	141.28
#1	.00149	.0105	-.00002	.00054	.00017	.00056	-.00040
#2	-.00063	.0070	.00020	-.00196	.00006	.00018	.00013
#3	.00055	.0070	-.00069	-.00219	.00004	.00008	-.00036

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.00007	.00214	-.00018	.00033	.00104	-.00003
SDev	.00005	.00061	.00180	.00053	.00071	.00025	.00578
%RSD	17.366	858.50	84.013	297.70	212.53	24.496	16914.
#1	.00027	.00033	.00402	.00016	.00029	.00129	.00232
#2	.00032	-.00063	.00197	-.00079	-.00035	.00079	-.00662
#3	.00023	.00051	.00043	.00009	.00107	.00103	.00419

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	-.00223	.00161	-.00031	.00196
SDev	.00212	.00421	.00114	.00949	.00391
%RSD	852.73	189.13	70.478	3036.1	199.71
#1	-.00092	-.00096	.00092	-.00395	.00391
#2	.00213	-.00692	.00293	.01046	-.00255
#3	-.00195	.00121	.00099	-.00745	.00451

Method: KICAP Sample Name: CCVH3 Operator: CT
Run Time: 07/28/09 14:28:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.0055	.00483	-.00007	.00003	48.83	.00008
SDev	.00081	.0031	.00084	.00011	.00001	.12	.00004
%RSD	184.44	57.05	17.409	152.74	43.383	.2457	55.835
#1	-.00039	.0067	.00579	.00002	.00003	48.70	.00010
#2	.00124	.0078	.00449	-.00005	.00003	48.85	.00011
#3	.00047	.0019	.00421	-.00019	.00001	48.93	.00003
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	5.0681	.00034	10.162	.0276	.0088	.00008
SDev	.00021	.0181	.00010	.029	.0172	.0018	.00004
%RSD	202.28	.35805	28.147	.28671	62.50	20.89	52.090
#1	.00009	5.0473	.00034	10.129	.0410	.0103	.00011
#2	-.00008	5.0807	.00044	10.172	.0336	.0094	.00010
#3	-.00033	5.0762	.00025	10.184	.0081	.0067	.00003
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	49.03	.00040	-.00086	.00001	.00103	.00016
SDev	.00078	.07	.00037	.00037	.00002	.00015	.00043
%RSD	308.74	.1373	94.393	42.584	262.73	14.585	273.76
#1	-.00053	49.11	.00005	-.00049	.00002	.00107	-.00011
#2	.00027	49.01	.00079	-.00087	.00002	.00115	.00065
#3	.00102	48.98	.00035	-.00122	-.00001	.00086	-.00007
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00170	-.00172	-.00089	9.8884	.00026	.00163	10.160
SDev	.00013	.00056	.00110	.0230	.00100	.00142	.005
%RSD	7.3719	32.589	122.90	.23300	378.22	86.915	.04487
#1	.00155	-.00127	-.00013	9.8629	.00015	.00244	10.165
#2	.00177	-.00235	-.00040	9.8944	-.00068	.00246	10.156
#3	.00177	-.00155	-.00215	9.9078	.00132	-.00001	10.158
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.128	-.00151	.00115	-.00685	.00661
SDev	.127	.00170	.00084	.00524	.00104
%RSD	1.2570	112.40	72.733	76.428	15.716
#1	9.9938	-.00079	.00063	-.00821	.00775
#2	10.247	-.00346	.00071	-.00107	.00572
#3	10.144	-.00029	.00212	-.01127	.00637
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV3 Operator: CT
Run Time: 07/28/09 14:32:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24782	4.947	.50367	.50471	.49470	10.01	.50433
SDev	.00065	.012	.00117	.00089	.00048	.01	.00055
%RSD	.26255	.2518	.23188	.17656	.09706	.1369	.10890
#1	.24739	4.951	.50289	.50537	.49496	10.02	.50446
#2	.24856	4.957	.50501	.50508	.49499	10.02	.50480
#3	.24750	4.933	.50310	.50370	.49414	9.998	.50372
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50557	.50484	.50063	.99516	10.80	10.10	.50178
SDev	.00107	.00045	.00085	.00083	.12	.03	.00074
%RSD	.21246	.08843	.17046	.08366	1.083	.2571	.14764
#1	.50582	.50514	.50092	.99445	10.86	10.11	.50208
#2	.50650	.50506	.50130	.99608	10.88	10.11	.50232
#3	.50439	.50433	.49967	.99496	10.66	10.07	.50094
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50391	9.898	.50291	.49645	.49473	.47884	.50251
SDev	.00137	.085	.00068	.00153	.00048	.00048	.00057
%RSD	.27125	.8555	.13614	.30772	.09748	.10023	.11270
#1	.50326	9.938	.50212	.49768	.49497	.47921	.50216
#2	.50548	9.956	.50331	.49695	.49504	.47901	.50316
#3	.50298	9.801	.50331	.49474	.49417	.47830	.50220
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51162	.49889	.49657	.50001	.49181	.49053	.50050
SDev	.00065	.00088	.00193	.00600	.00703	.00598	.00270
%RSD	.12735	.17674	.38765	1.1995	1.4288	1.2198	.53922
#1	.51175	.49918	.49549	.49311	.48376	.48370	.49828
#2	.51219	.49960	.49879	.50295	.49670	.49484	.49970
#3	.51091	.49791	.49543	.50397	.49497	.49305	.50350
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.49977	.49424	.49060	.48421	.49293	
SDev	.00800	.00173	.01016	.01319	.00359	
%RSD	1.6016	.35034	2.0707	2.7241	.72884	
#1	.49052	.49309	.47910	.47086	.48936	
#2	.50456	.49339	.49836	.49723	.49290	
#3	.50421	.49623	.49435	.48455	.49655	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB3 Operator: CT
Run Time: 07/28/09 14:36:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.0072	.00204	.00017	.00008	-.0026	.00029
SDev	.00035	.0028	.00016	.00007	.00001	.0014	.00005
%RSD	276.88	38.58	7.9726	42.857	9.4304	52.70	16.604
#1	-.00007	.0041	.00200	.00010	.00008	-.0038	.00025
#2	.00054	.0093	.00222	.00024	.00007	-.0030	.00034
#3	-.00008	.0082	.00190	.00017	.00009	-.0011	.00028

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	.00100	.00021	.00040	.0461	.0070	.00016
SDev	.00012	.00040	.00017	.00028	.0176	.0017	.00003
%RSD	18.482	39.933	83.173	71.162	38.15	23.80	22.199
#1	.00053	.00055	.00002	.00008	.0317	.0059	.00012
#2	.00076	.00131	.00026	.00051	.0657	.0090	.00019
#3	.00061	.00114	.00035	.00061	.0408	.0063	.00016

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	.0102	-.00010	-.00098	.00001	.00050	-.00013
SDev	.00028	.0027	.00039	.00080	.00002	.00006	.00024
%RSD	32.553	26.82	399.94	81.601	149.86	11.164	182.23
#1	.00064	.0075	-.00039	-.00103	.00003	.00046	-.00020
#2	.00116	.0101	.00035	-.00016	.00001	.00056	.00013
#3	.00074	.0130	-.00025	-.00176	-.00001	.00046	-.00033

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00067	.00060	.00270	-.00019	.00119	-.00011	.00058
SDev	.00007	.00020	.00076	.00024	.00196	.00044	.00082
%RSD	11.070	32.863	28.150	129.58	164.53	405.74	141.51
#1	.00059	.00037	.00184	-.00011	-.00105	.00032	.00085
#2	.00069	.00069	.00297	.00001	.00201	-.00056	-.00034
#3	.00074	.00074	.00329	-.00046	.00260	-.00008	.00122

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00057	.00080	.00139	-.00146	.00181
SDev	.00074	.00266	.00173	.00057	.00093
%RSD	130.23	334.02	124.40	38.918	51.147
#1	-.00059	-.00194	-.00060	-.00175	.00285
#2	.00018	.00096	.00254	-.00080	.00106
#3	-.00130	.00337	.00222	-.00182	.00154

Method: KICAP Sample Name: CCVH4 Operator: CT
Run Time: 07/28/09 15:22:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.0006	.00471	-.00010	.00004	48.63	.00003
SDev	.00024	.0021	.00018	.00011	.00001	.26	.00007
%RSD	252.63	365.5	3.7845	114.56	31.388	.5283	210.66
#1	.00027	-.0016	.00460	-.00019	.00002	48.76	-.00004
#2	.00020	.0007	.00492	-.00012	.00004	48.79	.00003
#3	-.00018	.0026	.00462	.00002	.00004	48.33	.00010
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	5.0512	.00042	10.150	.0248	.0095	.00007
SDev	.00024	.0162	.00041	.048	.0140	.0014	.00006
%RSD	130.48	.32121	97.185	.47309	56.33	14.86	74.589
#1	-.00044	5.0579	.00063	10.165	.0140	.0085	.00005
#2	.00004	5.0630	.00068	10.188	.0199	.0090	.00003
#3	-.00015	5.0327	-.00005	10.096	.0406	.0112	.00014
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	49.10	.00012	-.00055	.00002	.00117	-.00017
SDev	.00106	.23	.00020	.00128	.00011	.00020	.00025
%RSD	558.05	.4589	159.07	231.15	441.98	17.546	144.44
#1	.00017	49.27	.00020	.00076	-.00005	.00140	-.00041
#2	.00126	49.18	.00027	-.00063	-.00003	.00101	.00009
#3	-.00086	48.84	-.00010	-.00179	.00015	.00109	-.00021
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00145	-.00251	-.00256	9.8987	.00146	.00193	10.137
SDev	.00005	.00038	.00065	.0609	.00074	.00096	.042
%RSD	3.4598	14.970	25.438	.61484	50.613	49.599	.41679
#1	.00150	-.00222	-.00234	9.9241	.00123	.00297	10.160
#2	.00140	-.00238	-.00205	9.9427	.00228	.00109	10.162
#3	.00146	-.00293	-.00330	9.8292	.00086	.00173	10.088
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.143	.00178	.00130	-.01174	.00851
SDev	.042	.00222	.00067	.00190	.00079
%RSD	.41126	125.12	51.755	16.206	9.2716
#1	10.095	.00266	.00052	-.00978	.00934
#2	10.166	.00342	.00171	-.01357	.00841
#3	10.168	-.00075	.00166	-.01186	.00777
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV4 Operator: CT
Run Time: 07/28/09 15:26:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24662	4.946	.50080	.50118	.49146	9.988	.50202
SDev	.00155	.026	.00378	.00291	.00280	.048	.00266
%RSD	.63001	.5344	.75552	.57960	.56903	.4791	.52965
#1	.24504	4.915	.49648	.49804	.48851	9.934	.49905
#2	.24815	4.958	.50350	.50377	.49407	10.02	.50419
#3	.24665	4.963	.50243	.50174	.49182	10.01	.50281
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50334	.50291	.49817	.98990	10.85	10.05	.49829
SDev	.00303	.00278	.00295	.00594	.04	.05	.00271
%RSD	.60289	.55308	.59107	.60044	.3825	.4735	.54363
#1	.49985	.49973	.49478	.98317	10.83	9.999	.49535
#2	.50540	.50489	.50006	.99441	10.82	10.09	.50069
#3	.50476	.50412	.49967	.99213	10.90	10.07	.49883
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50207	9.939	.50232	.49314	.49014	.47630	.50055
SDev	.00460	.037	.00298	.00257	.00279	.00274	.00290
%RSD	.91599	.3733	.59259	.52090	.56868	.57494	.57848
#1	.49677	9.906	.49922	.49018	.48711	.47326	.49735
#2	.50491	9.932	.50516	.49444	.49259	.47858	.50299
#3	.50454	9.979	.50256	.49479	.49073	.47705	.50130
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50755	.49489	.49836	.49846	.48912	.48870	.50303
SDev	.00321	.00361	.00674	.00533	.00695	.00465	.01024
%RSD	.63253	.72943	1.3529	1.0699	1.4217	.95097	2.0355
#1	.50415	.49072	.49063	.49244	.48111	.48343	.49809
#2	.51053	.49714	.50300	.50034	.49267	.49044	.49620
#3	.50796	.49680	.50146	.50260	.49358	.49222	.51481
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.49618	.49303	.48717	.47981	.49413	
SDev	.00640	.00894	.00936	.01325	.00706	
%RSD	1.2893	1.8143	1.9211	2.7609	1.4293	
#1	.48962	.48909	.47712	.47224	.49051	
#2	.50240	.48673	.49564	.49510	.48961	
#3	.49651	.50327	.48874	.47208	.50227	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB4 Operator: CT
Run Time: 07/28/09 15:30:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.0187	.00289	.00065	.00012	.0157	.00041
SDev	.00035	.0026	.00044	.00008	.00003	.0031	.00006
%RSD	72.535	13.60	15.320	12.830	28.508	19.92	14.834
#1	.00050	.0170	.00330	.00060	.00011	.0137	.00040
#2	.00012	.0176	.00242	.00060	.00009	.0141	.00036
#3	.00082	.0217	.00295	.00075	.00016	.0193	.00048

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00130	.00168	.00043	.00123	.1031	.0128	.00025
SDev	.00043	.00050	.00012	.00058	.0254	.0031	.00007
%RSD	33.395	29.808	27.944	47.090	24.68	24.20	27.607
#1	.00124	.00146	.00030	.00092	.0960	.0125	.00021
#2	.00089	.00133	.00054	.00088	.0819	.0098	.00022
#3	.00176	.00226	.00045	.00190	.1313	.0160	.00033

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00111	.0139	.00059	.00079	.00021	.00091	.00034
SDev	.00111	.0040	.00024	.00036	.00006	.00020	.00022
%RSD	99.909	28.72	40.167	46.121	27.304	21.909	62.763
#1	-.00016	.0114	.00050	.00121	.00019	.00085	.00033
#2	.00159	.0118	.00042	.00063	.00017	.00075	.00013
#3	.00192	.0185	.00087	.00054	.00028	.00113	.00057

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	.00026	.00411	.00056	.00176	.00104	.00064
SDev	.00011	.00108	.00064	.00059	.00042	.00104	.00157
%RSD	15.728	413.76	15.665	104.79	24.196	99.907	245.55
#1	.00074	.00016	.00480	.00041	.00134	.00159	-.00057
#2	.00059	-.00076	.00353	.00007	.00219	.00170	.00242
#3	.00081	.00138	.00400	.00121	.00173	-.00016	.00008

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00052	-.00022	.00274	-.00023	.00118
SDev	.00148	.00483	.00179	.00333	.00222
%RSD	282.76	2183.8	65.408	1465.7	188.64
#1	.00090	-.00416	.00409	.00361	-.00092
#2	-.00111	.00517	.00071	-.00192	.00350
#3	.00178	-.00167	.00343	-.00237	.00094

Method: KICAP Sample Name: CCVH5 Operator: CT
Run Time: 07/28/09 16:38:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.0039	.00381	-.00022	.00004	48.41	-.00002
SDev	.00031	.0017	.00028	.00004	.00001	.19	.00004
%RSD	84.608	42.77	7.2698	19.244	29.623	.4001	195.30
#1	.00001	.0049	.00382	-.00019	.00004	48.56	.00002
#2	.00058	.0049	.00408	-.00019	.00004	48.47	-.00001
#3	.00052	.0020	.00353	-.00027	.00002	48.19	-.00007
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00059	5.0376	-.00008	10.137	.0009	.0101	.00008
SDev	.00024	.0263	.00050	.038	.0153	.0009	.00004
%RSD	40.530	.52175	623.98	.37370	1714.	9.062	48.783
#1	-.00057	5.0539	.00034	10.162	.0081	.0098	.00007
#2	-.00036	5.0516	.00005	10.156	.0113	.0112	.00012
#3	-.00083	5.0072	-.00063	10.094	-.0167	.0094	.00004
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	49.13	.00064	-.00240	.00005	.00089	.00001
SDev	.00121	.21	.00046	.00044	.00002	.00015	.00013
%RSD	2458.3	.4317	72.110	18.484	50.733	16.782	917.70
#1	-.00016	49.33	.00027	-.00290	.00002	.00098	-.00011
#2	.00135	49.15	.00049	-.00220	.00006	.00098	-.00001
#3	-.00105	48.91	.00116	-.00208	.00006	.00072	.00016
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00231	-.00217	-.00254	9.9096	.00170	-.00003	10.103
SDev	.00005	.00115	.00183	.0459	.00121	.00172	.046
%RSD	2.2105	52.971	72.167	.46281	71.379	6067.8	.45987
#1	.00226	-.00283	-.00042	9.9307	.00066	-.00104	10.156
#2	.00236	-.00084	-.00354	9.9411	.00140	-.00101	10.067
#3	.00229	-.00284	-.00365	9.8570	.00303	.00196	10.087
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	10.101	.00080	.00215	-.00791	.00490
SDev	.089	.00055	.00157	.00639	.00142
%RSD	.87862	68.258	72.898	80.767	28.939
#1	10.029	.00021	.00088	-.01321	.00654
#2	10.075	.00089	.00166	-.00969	.00407
#3	10.200	.00129	.00390	-.00082	.00410
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV5 Operator: CT
Run Time: 07/28/09 16:42:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24558	4.922	.49691	.49802	.48724	9.927	.49827
SDev	.00070	.028	.00293	.00274	.00240	.046	.00200
%RSD	.28615	.5770	.58957	.55074	.49171	.4605	.40132
#1	.24477	4.890	.49354	.49485	.48449	9.875	.49598
#2	.24592	4.942	.49841	.49964	.48883	9.958	.49969
#3	.24605	4.935	.49879	.49956	.48840	9.948	.49913
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49848	.49946	.49498	.98373	10.81	9.956	.49388
SDev	.00223	.00276	.00265	.00475	.03	.040	.00238
%RSD	.44693	.55222	.53518	.48321	.2638	.3987	.48193
#1	.49598	.49630	.49194	.97824	10.82	9.912	.49113
#2	.50025	.50141	.49679	.98661	10.84	9.990	.49536
#3	.49921	.50066	.49622	.98634	10.78	9.967	.49514
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49868	9.949	.50013	.48996	.48772	.47184	.49827
SDev	.00309	.022	.00268	.00108	.00268	.00242	.00257
%RSD	.61927	.2210	.53626	.22099	.55015	.51314	.51477
#1	.49512	9.928	.49707	.48899	.48463	.46904	.49533
#2	.50058	9.972	.50130	.49113	.48925	.47321	.50004
#3	.50035	9.948	.50204	.48977	.48930	.47326	.49944
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50297	.49385	.49090	.49412	.48750	.48803	.49731
SDev	.00282	.00364	.00566	.00507	.00348	.00236	.00173
%RSD	.56014	.73716	1.1533	1.0258	.71315	.48353	.34810
#1	.49972	.48965	.48463	.48906	.48357	.48644	.49926
#2	.50476	.49617	.49565	.49920	.49017	.49075	.49669
#3	.50443	.49572	.49242	.49408	.48876	.48692	.49597
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.49252	.49052	.48599	.47983	.49163	
SDev	.00826	.00473	.00755	.01116	.00316	
%RSD	1.6767	.96397	1.5535	2.3264	.64228	
#1	.48397	.49597	.47737	.46782	.49499	
#2	.50046	.48762	.49144	.48988	.49118	
#3	.49314	.48795	.48915	.48180	.48872	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB5 Operator: CT
Run Time: 07/28/09 16:47:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.0060	.00126	.00002	.00005	-.0027	.00015
SDev	.00055	.0009	.00040	.00000	.00001	.0033	.00004
%RSD	549.69	15.02	31.485	.00375	10.221	123.5	24.059
#1	-.00028	.0070	.00169	.00002	.00004	-.0061	.00015
#2	.00052	.0052	.00090	.00002	.00005	-.0024	.00018
#3	-.00055	.0058	.00118	.00002	.00005	.0005	.00011

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00042	.00002	-.00028	.0275	.0044	.00004
SDev	.00003	.00012	.00058	.00006	.0049	.0007	.00001
%RSD	33.359	29.087	3627.2	20.536	17.68	15.53	15.848
#1	.00010	.00028	.00011	-.00033	.0220	.0036	.00004
#2	.00013	.00048	-.00061	-.00030	.0290	.0050	.00005
#3	.00007	.00051	.00054	-.00022	.0314	.0045	.00004

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.0042	.00022	-.00232	-.00008	.00029	-.00017
SDev	.00048	.0009	.00015	.00024	.00002	.00007	.00035
%RSD	3069.7	20.57	69.373	10.219	23.076	25.473	210.35
#1	.00036	.0032	.00005	-.00249	-.00010	.00027	-.00053
#2	-.00053	.0044	.00035	-.00243	-.00007	.00037	.00016
#3	.00022	.0049	.00027	-.00205	-.00007	.00022	-.00013

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	.00068	.00026	.00000	.00122	.00056	-.00058
SDev	.00005	.00047	.00041	.00079	.00056	.00130	.00285
%RSD	7.7256	69.531	156.05	1674400.	46.104	231.11	496.12
#1	.00062	.00122	.00058	-.00088	.00162	.00203	-.00147
#2	.00071	.00031	-.00020	.00025	.00058	-.00045	-.00288
#3	.00064	.00052	.00040	.00064	.00147	.00011	.00262

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00029	-.00141	.00253	-.00117	.00168
SDev	.00132	.00314	.00080	.00380	.00191
%RSD	460.92	223.35	31.703	323.72	113.77
#1	-.00060	-.00014	.00250	-.00074	.00342
#2	.00181	-.00498	.00335	.00239	-.00037
#3	-.00035	.00091	.00175	-.00517	.00199

Method: KICAP Sample Name: CCVH6 Operator: CT
Run Time: 07/28/09 17:31:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.0000	.00254	-.00027	.00002	47.91	-.00022
SDev	.00135	.0027	.00029	.00000	.00001	.43	.00009
%RSD	333.74	7689.	11.585	.00102	70.793	.9065	41.994
#1	-.00096	-.0015	.00271	-.00027	.00001	48.40	-.00023
#2	.00173	.0031	.00272	-.00027	.00003	47.73	-.00012
#3	.00044	-.0015	.00220	-.00027	.00001	47.58	-.00031
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00145	4.9584	-.00037	10.055	-.0404	.0039	.00001
SDev	.00011	.0482	.00016	.087	.0221	.0027	.00006
%RSD	7.8078	.97291	44.240	.86447	54.59	68.40	907.33
#1	-.00145	5.0078	-.00053	10.150	-.0542	.0014	-.00006
#2	-.00134	4.9560	-.00021	10.034	-.0150	.0067	.00006
#3	-.00156	4.9114	-.00036	9.9797	-.0521	.0036	.00002
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	48.84	.00012	-.00436	.00013	.00068	.00013
SDev	.00106	.22	.00038	.00172	.00009	.00015	.00069
%RSD	641.56	.4496	316.35	39.453	74.274	21.327	534.22
#1	-.00025	49.05	-.00032	-.00389	.00002	.00062	-.00050
#2	.00093	48.85	.00034	-.00292	.00020	.00085	.00086
#3	-.00118	48.62	.00034	-.00626	.00016	.00058	.00003
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00235	-.00249	-.00645	9.8603	.00015	.00057	10.064
SDev	.00018	.00073	.00072	.0775	.00133	.00111	.025
%RSD	7.4832	29.395	11.237	.78563	872.93	195.17	.25317
#1	.00219	-.00308	-.00566	9.9457	.00060	.00157	10.090
#2	.00254	-.00167	-.00709	9.8407	.00119	.00076	10.064
#3	.00232	-.00273	-.00658	9.7945	-.00134	-.00062	10.039
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	9.8671	-.00177	.00111	-.00788	.00528
SDev	.1505	.00190	.00290	.00540	.00160
%RSD	1.5250	107.47	261.40	68.526	30.317
#1	9.7645	-.00172	.00176	-.01003	.00661
#2	10.040	-.00369	.00363	-.00174	.00350
#3	9.7969	.00011	-.00206	-.01187	.00574
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV6 Operator: CT
Run Time: 07/28/09 17:36:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24435	4.896	.49347	.49773	.48452	9.885	.49389
SDev	.00025	.016	.00200	.00113	.00124	.025	.00117
%RSD	.10176	.3271	.40445	.22636	.25559	.2549	.23735
#1	.24407	4.891	.49127	.49739	.48349	9.866	.49302
#2	.24455	4.882	.49398	.49681	.48419	9.876	.49343
#3	.24442	4.914	.49516	.49898	.48589	9.914	.49523
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49343	.49547	.49471	.97768	10.59	9.835	.49071
SDev	.00143	.00127	.00093	.00302	.04	.027	.00112
%RSD	.28894	.25614	.18828	.30918	.3902	.2730	.22783
#1	.49273	.49448	.49425	.97515	10.63	9.821	.48989
#2	.49248	.49503	.49410	.97686	10.54	9.819	.49027
#3	.49507	.49690	.49578	.98103	10.60	9.866	.49198
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49554	9.833	.49657	.48130	.48691	.46952	.49654
SDev	.00268	.031	.00127	.00148	.00115	.00132	.00120
%RSD	.54104	.3195	.25469	.30801	.23726	.28067	.24265
#1	.49248	9.858	.49536	.48012	.48649	.46837	.49566
#2	.49667	9.798	.49647	.48082	.48602	.46924	.49606
#3	.49747	9.844	.49788	.48296	.48821	.47096	.49792
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50058	.48982	.48253	.48665	.47907	.48416	.49211
SDev	.00158	.00252	.00653	.00281	.00291	.00202	.00425
%RSD	.31489	.51525	1.3534	.57674	.60743	.41654	.86292
#1	.49991	.48885	.47602	.48484	.47623	.48325	.49603
#2	.49946	.48793	.48249	.48988	.48205	.48647	.49269
#3	.50238	.49269	.48908	.48522	.47894	.48277	.48760
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.48392	.48674	.47525	.47313	.48992	
SDev	.00462	.00339	.00504	.00849	.00330	
%RSD	.95363	.69647	1.0603	1.7948	.67412	
#1	.47925	.48955	.46958	.46416	.49353	
#2	.48848	.48768	.47924	.48104	.48919	
#3	.48404	.48298	.47692	.47420	.48704	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB6 Operator: CT
Run Time: 07/28/09 17:40:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.0007	-.00036	-.00015	.00005	.0037	-.00016
SDev	.00035	.0041	.00061	.00015	.00004	.0054	.00008
%RSD	1103.9	558.1	167.41	104.08	86.437	147.2	48.480
#1	.00020	.0011	.00011	-.00019	.00002	-.0012	-.00016
#2	-.00043	-.0036	-.00105	-.00027	.00002	.0028	-.00024
#3	.00014	.0047	-.00015	.00002	.00009	.0095	-.00009

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00146	-.00072	.00034	-.00099	-.0705	-.0054	-.00015
SDev	.00038	.00041	.00029	.00029	.0323	.0036	.00009
%RSD	26.037	56.648	87.338	29.704	45.74	67.54	58.575
#1	-.00147	-.00069	.00059	-.00098	-.0543	-.0055	-.00015
#2	-.00184	-.00113	.00002	-.00128	-.1076	-.0089	-.00023
#3	-.00108	-.00032	.00040	-.00070	-.0496	-.0017	-.00006

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.0018	.00007	-.00512	-.00012	-.00024	-.00006
SDev	.00027	.0019	.00030	.00144	.00008	.00015	.00023
%RSD	288.53	105.0	414.83	28.196	61.522	61.103	409.49
#1	.00041	.0012	-.00010	-.00426	-.00016	-.00011	-.00013
#2	-.00006	.0003	-.00010	-.00679	-.00018	-.00040	-.00023
#3	-.00006	.0039	.00042	-.00432	-.00004	-.00021	.00020

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	.00039	-.00459	.00035	-.00031	.00087	.00300
SDev	.00015	.00017	.00114	.00078	.00109	.00040	.00115
%RSD	19.332	43.848	24.835	222.71	346.81	45.605	38.290
#1	.00074	.00038	-.00425	-.00054	-.00137	.00041	.00403
#2	.00064	.00022	-.00586	.00095	.00080	.00113	.00176
#3	.00093	.00056	-.00366	.00064	-.00037	.00106	.00320

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00097	-.00096	.00001	-.00366	.00238
SDev	.00170	.00180	.00080	.00174	.00044
%RSD	175.96	186.61	6711.2	47.549	18.477
#1	-.00282	-.00236	-.00087	-.00328	.00226
#2	.00054	.00107	.00067	-.00214	.00201
#3	-.00063	-.00160	.00024	-.00557	.00287

Method: KICAP Sample Name: MB-9788 Operator: CT
Run Time: 07/28/09 17:45:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.0011	-.00155	-.00048	.00001	.0105	-.00025
SDev	.00017	.0010	.00049	.00007	.00001	.0187	.00002
%RSD	42.896	89.08	31.509	15.000	173.68	178.6	8.0001
#1	.00036	.0005	-.00159	-.00048	.00001	.0009	-.00027
#2	.00058	.0023	-.00105	-.00041	.00001	-.0015	-.00023
#3	.00025	.0006	-.00203	-.00056	-.00001	.0320	-.00025

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00176	-.00104	-.00002	-.00091	-.0694	.0038	-.00021
SDev	.00028	.00015	.00057	.00023	.0211	.0021	.00004
%RSD	15.742	14.379	3514.2	25.848	30.47	55.83	20.048
#1	-.00171	-.00103	-.00037	-.00068	-.0676	.0045	-.00021
#2	-.00151	-.00090	.00064	-.00089	-.0492	.0054	-.00016
#3	-.00205	-.00120	-.00032	-.00115	-.0914	.0014	-.00025

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	.0060	.00024	-.00655	-.00029	-.00030	.00008
SDev	.00078	.0031	.00083	.00087	.00005	.00010	.00022
%RSD	1157600.	51.90	340.33	13.214	15.423	31.764	279.63
#1	-.00011	.0045	.00005	-.00606	-.00032	-.00021	-.00013
#2	.00083	.0039	.00116	-.00603	-.00032	-.00030	.00030
#3	-.00072	.0096	-.00047	-.00755	-.00024	-.00040	.00007

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00140	-.00022	-.00647	-.00012	.00021	.00072	-.00126
SDev	.00007	.00029	.00114	.00017	.00075	.00260	.00185
%RSD	4.8197	130.88	17.622	139.46	361.86	358.01	146.50
#1	.00136	-.00015	-.00774	-.00018	-.00026	.00189	-.00329
#2	.00138	.00003	-.00611	.00007	.00107	.00253	.00035
#3	.00148	-.00053	-.00555	-.00026	-.00019	-.00225	-.00086

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00045	-.00173	.00117	-.00002	.00060
SDev	.00080	.00050	.00097	.00261	.00155
%RSD	179.88	28.820	82.458	13834.	260.30
#1	.00137	-.00158	.00040	.00264	.00002
#2	-.00007	-.00132	.00226	-.00012	.00236
#3	.00004	-.00229	.00086	-.00258	-.00059

Method: KICAP Sample Name: LCS-9788 Operator: CT
Run Time: 07/28/09 17:49:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04952	1.060	.52384	.20142	.20879	10.28	.20659
SDev	.00024	.001	.00311	.00063	.00067	.03	.00054
%RSD	.48131	.0622	.59412	.31182	.32033	.2873	.26160
#1	.04975	1.059	.52037	.20070	.20803	10.25	.20602
#2	.04927	1.059	.52478	.20179	.20907	10.30	.20665
#3	.04954	1.060	.52638	.20179	.20928	10.30	.20710

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20635	.20899	.20904	1.0523	11.35	10.33	.20775
SDev	.00046	.00049	.00051	.0038	.02	.02	.00063
%RSD	.22478	.23282	.24203	.36354	.2042	.1987	.30446
#1	.20607	.20843	.20856	1.0479	11.37	10.31	.20703
#2	.20609	.20924	.20899	1.0537	11.35	10.35	.20797
#3	.20688	.20930	.20957	1.0551	11.32	10.35	.20823

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20575	10.14	.21281	.20214	.20431	.21290	.21069
SDev	.00190	.01	.00056	.00198	.00067	.00065	.00039
%RSD	.92195	.1307	.26176	.98121	.32814	.30535	.18546
#1	.20357	10.14	.21249	.20442	.20354	.21215	.21025
#2	.20667	10.15	.21249	.20081	.20464	.21330	.21098
#3	.20700	10.12	.21345	.20119	.20476	.21326	.21085

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21610	.21193	.18817	.20971	.20604	.21792	.21368
SDev	.00064	.00028	.00293	.00234	.00326	.00280	.00148
%RSD	.29704	.13187	1.5574	1.1157	1.5824	1.2843	.69203
#1	.21537	.21166	.18480	.20717	.20249	.21491	.21310
#2	.21658	.21191	.19009	.21177	.20891	.21842	.21257
#3	.21636	.21222	.18962	.21019	.20672	.22044	.21536

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.20773	.21063	.20375	.20828	.22224
SDev	.00359	.00208	.00585	.00655	.00195
%RSD	1.7271	.98842	2.8721	3.1455	.87925
#1	.20420	.21237	.19756	.20119	.22176
#2	.21137	.20832	.20920	.21411	.22057
#3	.20761	.21120	.20448	.20953	.22439

Method: KICAP Sample Name: 0907072-056A Operator: CT
Run Time: 07/28/09 17:53:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.0823	.02358	-.00036	-.00002	.1753	-.00037
SDev	.00041	.0061	.00054	.00008	.00001	.0018	.00007
%RSD	58.510	7.412	2.2870	23.088	39.498	1.048	17.774
#1	.00104	.0858	.02375	-.00041	-.00002	.1773	-.00038
#2	.00025	.0753	.02298	-.00041	-.00003	.1737	-.00043
#3	.00079	.0858	.02401	-.00027	-.00002	.1748	-.00030

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00250	-.00149	.00027	.00172	-.1217	.0112	-.00021
SDev	.00046	.00026	.00067	.00022	.0222	.0029	.00006
%RSD	18.441	17.662	247.39	13.058	18.23	25.89	26.527
#1	-.00268	-.00149	-.00027	.00170	-.1350	.0107	-.00021
#2	-.00283	-.00176	.00006	.00151	-.1339	.0085	-.00026
#3	-.00197	-.00123	.00102	.00196	-.0961	.0142	-.00015

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.0061	.00010	-.00768	.00097	-.00047	.00042
SDev	.00066	.0008	.00038	.00046	.00002	.00015	.00020
%RSD	1049.2	13.08	400.41	6.0496	2.4927	31.158	48.450
#1	.00003	.0060	-.00033	-.00766	.00097	-.00050	.00046
#2	-.00058	.0054	.00019	-.00815	.00094	-.00060	.00020
#3	.00074	.0070	.00042	-.00722	.00099	-.00031	.00060

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00208	.00161	-.00680	.00003	.00063	.00033	-.00243
SDev	.00012	.00084	.00060	.00033	.00120	.00055	.00320
%RSD	5.6060	52.512	8.8771	1103.5	190.59	163.80	131.57
#1	.00212	.00188	-.00619	.00040	.00186	.00088	-.00611
#2	.00195	.00066	-.00740	-.00007	.00055	.00033	-.00034
#3	.00217	.00228	-.00680	-.00024	-.00053	-.00021	-.00084

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00126	-.00395	.00291	.00433	-.00091
SDev	.00207	.00110	.00227	.00482	.00107
%RSD	164.41	27.896	78.028	111.54	117.12
#1	.00364	-.00521	.00540	.00988	-.00212
#2	.00007	-.00318	.00241	.00119	-.00009
#3	.00006	-.00345	.00093	.00190	-.00052

Method: KICAP Sample Name: ICSA-FINAL Operator: CT
Run Time: 07/28/09 17:58:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	447.8	-.00039	-.00175	.00004	480.0	-.00083
SDev	.00026	.6	.00028	.00004	.00001	2.1	.00003
%RSD	77.737	.1323	71.799	2.3935	22.623	.4403	3.7632
#1	.00041	447.2	-.00021	-.00173	.00005	477.6	-.00086
#2	.00004	448.4	-.00024	-.00173	.00005	481.5	-.00082
#3	.00053	447.9	-.00071	-.00180	.00003	481.0	-.00080
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value		500.0				500.0	
Range		20.00				20.00	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00149	-.00061	-.00085	180.86	-.3229	471.9	-.00011
SDev	.00029	.00014	.00029	.83	.0116	1.5	.00003
%RSD	19.568	22.477	34.188	.45762	3.606	.3210	30.147
#1	-.00117	-.00045	-.00067	179.92	-.3096	470.2	-.00015
#2	-.00159	-.00070	-.00070	181.46	-.3277	473.1	-.00009
#3	-.00173	-.00068	-.00119	181.20	-.3313	472.3	-.00009
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	QC Pass	NOCHECK
Value				200.00		500.0	
Range				20.000		20.00	

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	-.0052	.00032	-.00136	-.00061	-.00081	.00006
SDev	.00133	.0016	.00020	.00100	.00002	.00010	.00013
%RSD	1055.7	30.97	61.260	73.812	3.3823	12.493	210.74
#1	.00126	-.0035	.00025	-.00251	-.00063	-.00070	.00006
#2	.00046	-.0056	.00017	-.00086	-.00059	-.00090	-.00007
#3	-.00133	-.0066	.00054	-.00070	-.00062	-.00083	.00020
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00160	.00141	-.00077	.00497	-.00021	.01150
SDev	.00003	.00110	.00052	.00256	.00087	.00113	.00847
%RSD	8.8372	68.706	36.913	331.88	17.443	526.16	73.678
#1	.00039	.00288	.00087	-.00314	.00573	.00033	.01953
#2	.00040	.00101	.00191	-.00112	.00516	-.00151	.01231
#3	.00034	.00092	.00147	.00195	.00403	.00054	.00265
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value
Range

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00690	.00950	.00271	-.01492	.00763
SDev	.00807	.01085	.00414	.01548	.00755
%RSD	117.00	114.19	152.43	103.77	98.987
#1	-.01446	.02019	-.00149	-.02970	.01532
#2	-.00782	.00980	.00284	-.01624	.00734
#3	.00160	-.00150	.00679	.00118	.00023
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK

Value
Range

Method: KICAP Sample Name: ICSAB-FINAL Operator: CT
Run Time: 07/28/09 18:02:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19118	442.1	.48139	.46533	.46863	476.9	.88212
SDev	.00039	.7	.00076	.00055	.00033	.5	.00022
%RSD	.20495	.1647	.15761	.11751	.06986	.1059	.02507
#1	.19073	441.8	.48091	.46526	.46834	476.4	.88192
#2	.19145	441.6	.48099	.46482	.46855	476.7	.88207
#3	.19137	442.9	.48227	.46591	.46898	477.4	.88236
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.20000	500.0	.50000	.50000	.50000	500.0	1.0000
Range	20.000	20.00	20.000	20.000	20.000	20.00	20.000

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44654	.45687	.50580	179.66	7.354	466.5	.45923
SDev	.00043	.00060	.00041	.22	.016	.3	.00035
%RSD	.09563	.13034	.08109	.12016	.2231	.0692	.07662
#1	.44620	.45620	.50558	179.43	7.336	466.2	.45895
#2	.44640	.45709	.50555	179.68	7.367	466.7	.45912
#3	.44702	.45733	.50627	179.86	7.359	466.8	.45963
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	200.00		500.0	.50000
Range	20.000	20.000	20.000	20.000		20.00	20.000

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45614	1.159	.89920	.45645	.45688	.46743	.46952
SDev	.00078	.001	.00163	.00114	.00058	.00092	.00071
%RSD	.17039	.0642	.18179	.25067	.12663	.19685	.15077
#1	.45692	1.158	.89795	.45691	.45669	.46641	.46880
#2	.45537	1.159	.89862	.45514	.45642	.46769	.46955
#3	.45612	1.160	.90105	.45729	.45753	.46819	.47021
Errors	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000		1.0000	.50000	.50000	.50000	.50000
Range	20.000		20.000	20.000	20.000	20.000	20.000

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97901	.10018	.09300	.04334	.05139	.60066	.05693
SDev	.00051	.00139	.00104	.00308	.00135	.00141	.00854
%RSD	.05210	1.3879	1.1207	7.1112	2.6221	.23433	15.007
#1	.97848	.10053	.09184	Q.03978	.04985	.59905	.06604
#2	.97903	.10136	.09385	.04502	.05197	.60128	.04910
#3	.97950	.09865	.09332	.04522	.05236	.60165	.05565
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK

Value	1.0000	.10000	.10000	.05000	.05000	.60000
Range	20.000	20.000	20.000	20.000	20.000	20.000
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.03656	.05818	.04801	.57102	.61521	
SDev	.00869	.01159	.00780	.02848	.01315	
%RSD	23.759	19.922	16.241	4.9868	2.1375	
#1	.02667	.07155	.03902	.53973	.62941	
#2	.04298	.05183	.05204	.59542	.60346	
#3	.04001	.05114	.05296	.57791	.61276	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
Value						
Range						

Method: KICAP Sample Name: CCVH7 Operator: CT
Run Time: 07/28/09 18:07:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	.0256	.00223	-.00041	.00002	47.80	-.00030
SDev	.00024	.0165	.00030	.00013	.00001	.31	.00002
%RSD	35.107	64.48	13.344	30.560	57.556	.6447	4.9544
#1	.00066	.0185	.00190	-.00048	.00001	47.91	-.00031
#2	.00045	.0138	.00232	-.00048	.00001	48.04	-.00031
#3	.00093	.0444	.00247	-.00027	.00003	47.45	-.00029
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK
High						55.09	
Low						44.90	

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00214	4.9276	.00019	10.010	-.0824	.0279	-.00012
SDev	.00017	.0275	.00052	.054	.0230	.0142	.00003
%RSD	7.9598	.55775	278.50	.54416	27.96	50.93	28.047
#1	-.00220	4.9263	.00022	10.016	-.1036	.0199	-.00014
#2	-.00227	4.9557	-.00035	10.061	-.0856	.0195	-.00014
#3	-.00194	4.9008	.00069	9.9524	-.0579	.0444	-.00008
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		5.5090		11.090			
Low		4.4900		8.9900			

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	48.62	.00057	-.00559	-.00016	.00031	.00035
SDev	.00120	.13	.00039	.00101	.00002	.00012	.00017
%RSD	301.62	.2637	69.353	18.071	12.923	36.850	48.152
#1	-.00038	48.70	.00071	-.00674	-.00017	.00018	.00020
#2	-.00161	48.69	.00086	-.00482	-.00017	.00036	.00033
#3	.00080	48.48	.00012	-.00523	-.00013	.00040	.00053
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		55.09					
Low		44.90					

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00257	-.00245	-.00703	9.8379	.00224	.00110	10.038
SDev	.00005	.00118	.00088	.0579	.00102	.00041	.052
%RSD	1.7369	48.231	12.531	.58881	45.638	37.497	.51629
#1	.00257	-.00346	-.00789	9.8487	.00214	.00143	10.095
#2	.00261	-.00273	-.00613	9.8896	.00331	.00124	10.027
#3	.00252	-.00115	-.00705	9.7753	.00127	.00064	9.9930
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK

High				11.090	
Low				8.9900	
Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	9.8968	-.00228	.00450	-.00692	.00561
SDev	.0976	.00059	.00127	.00173	.00116
%RSD	.98582	25.774	28.134	25.033	20.615
#1	9.8087	-.00258	.00451	-.00649	.00538
#2	9.8801	-.00160	.00577	-.00545	.00458
#3	10.002	-.00266	.00324	-.00883	.00686
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High					
Low					

Method: KICAP Sample Name: CCV7 Operator: CT
Run Time: 07/28/09 18:11:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24444	4.924	.49314	.49872	.48375	9.902	.49392
SDev	.00075	.016	.00046	.00116	.00065	.014	.00030
%RSD	.30619	.3226	.09382	.23192	.13510	.1431	.05982
#1	.24529	4.907	.49260	.49840	.48332	9.885	.49363
#2	.24391	4.928	.49343	.50000	.48451	9.909	.49422
#3	.24410	4.938	.49338	.49775	.48344	9.911	.49391
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.27500	5.510	.55100	.55100	.55100	11.09	.55100
Low	.22500	4.490	.44900	.44900	.44900	8.990	.44900

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49329	.49567	.49525	.98089	10.69	9.795	.49080
SDev	.00036	.00119	.00046	.00599	.02	.017	.00062
%RSD	.07310	.23939	.09349	.61087	.1486	.1759	.12678
#1	.49288	.49430	.49492	.97474	10.70	9.777	.49045
#2	.49346	.49622	.49578	.98121	10.67	9.797	.49152
#3	.49354	.49647	.49506	.98671	10.69	9.811	.49042
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass
High	.55100	.55100	.55100	1.1090		11.09	.55100
Low	.44900	.44900	.44900	.89900		8.990	.44900

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49358	9.918	.49818	.47980	.48826	.46914	.49680
SDev	.00230	.011	.00090	.00262	.00112	.00071	.00097
%RSD	.46571	.1114	.18112	.54638	.22935	.15124	.19476
#1	.49093	9.930	.49714	.47752	.48776	.46866	.49602
#2	.49498	9.915	.49862	.47920	.48954	.46995	.49788
#3	.49484	9.909	.49877	.48266	.48747	.46880	.49649
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.55100	11.09	.55100	.55100	.55100	.55100	.55100
Low	.44900	8.990	.44900	.44900	.44900	.44900	.44900

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50038	.49052	.48342	.48874	.48138	.48646	.49415
SDev	.00091	.00122	.00481	.00368	.00241	.00232	.00323
%RSD	.18233	.24915	.99468	.75276	.50121	.47800	.65362
#1	.50014	.48925	.47815	.48590	.47862	.48537	.49279
#2	.50139	.49063	.48454	.48742	.48240	.48488	.49182
#3	.49962	.49169	.48758	.49289	.48311	.48913	.49783
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK

High	.55100	.55100	.55100	.55100	.55100	.55100
Low	.44900	.44900	.44900	.44900	.44900	.44900
Elem	2203/2	1960/1	1960/2	2068/1	2068/2	
Units	ppm	ppm	ppm	ppm	ppm	
Avge	.48604	.48827	.47793	.47479	.49203	
SDev	.00405	.00239	.00288	.00182	.00312	
%RSD	.83244	.49042	.60167	.38348	.63443	
#1	.48246	.48658	.47465	.47672	.49043	
#2	.48522	.48722	.47999	.47455	.49004	
#3	.49043	.49101	.47916	.47311	.49563	
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High						
Low						

Method: KICAP Sample Name: CCB7 Operator: CT
Run Time: 07/28/09 18:16:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	B_2496	Ba4934	Be3130	Ca	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.0209	.00089	.00022	.00006	.0154	.00002
SDev	.00069	.0077	.00047	.00017	.00002	.0045	.00014
%RSD	504.65	36.58	53.043	76.984	36.378	29.50	626.11
#1	-.00086	.0129	.00035	.00002	.00003	.0109	-.00013
#2	-.00007	.0217	.00111	.00031	.00006	.0152	.00005
#3	.00052	.0282	.00122	.00031	.00007	.0200	.00015

Elem	Co2286	Cr	Cu3247	Fe	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	.00007	-.00027	.00112	-.0082	.0024	-.00002
SDev	.00060	.00048	.00038	.00163	.0362	.0062	.00007
%RSD	111.64	705.66	140.14	145.49	441.9	263.8	310.16
#1	-.00123	-.00048	-.00070	-.00052	-.0500	-.0046	-.00009
#2	-.00031	.00027	.00002	.00113	.0151	.0045	-.00003
#3	-.00008	.00041	-.00013	.00275	.0102	.0072	.00005

Elem	Mo2020	Na	Ni2316	Sn1899	Sr4215	Ti3349	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.0041	-.00052	-.00320	.00001	.00010	-.00037
SDev	.00042	.0021	.00041	.00183	.00006	.00018	.00058
%RSD	103.85	51.92	78.681	57.385	523.97	190.19	155.60
#1	.00041	.0017	-.00099	-.00522	-.00005	-.00011	-.00099
#2	.00083	.0048	-.00025	-.00165	.00004	.00018	-.00030
#3	-.00002	.0058	-.00032	-.00272	.00004	.00022	.00017

Elem	Zn2138	As1890	Tl1908	Pb	Se1960	Sb2068	2203/1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	-.00052	-.00153	.00001	.00042	.00073	.00164
SDev	.00006	.00051	.00098	.00084	.00007	.00126	.00159
%RSD	8.8040	98.742	64.052	5975.0	16.847	172.08	96.986
#1	.00062	-.00097	-.00156	-.00016	.00048	.00074	.00328
#2	.00069	-.00063	-.00249	-.00073	.00034	-.00053	.00153
#3	.00074	.00004	-.00053	.00093	.00045	.00200	.00010

Elem	2203/2	1960/1	1960/2	2068/1	2068/2
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00080	.00072	.00028	-.00401	.00311
SDev	.00185	.00244	.00127	.00368	.00117
%RSD	231.76	338.33	457.98	91.552	37.766
#1	-.00187	.00197	-.00027	-.00662	.00441
#2	-.00186	.00227	-.00062	-.00561	.00275
#3	.00134	-.00209	.00172	.00019	.00215

LABORATORY WORKSHEETS

Life Science Laboratories, Inc.
Brittonfield Lab

Trace Metals Soil Digestion Log

QC Batch# 9759 **Prep Start Date:** 7/23/09 0:00 **Prep End Date:** 7/23/09 0:00

#	Sample ID	Client ID	Sample Amount (g)	Final Volume (mL)	Method	Comments
1	MB-9759		0.5	50	3050B	teflon chips (3039-R)
2	LCS-9759		0.5	50	3050B	(A+B) teflon chips (3039-R)
3	0907033-004A	[redacted]	0.5	50	3050B	
4	0907072-001A	EA	0.5	50	3050B	
5	0907072-001AMS	EA	0.5	50	3050B	C
6	0907072-001AMSD	EA	0.5	50	3050B	C
7	0907072-002A	EA	0.5	50	3050B	
8	0907072-003A	EA	0.5	50	3050B	
9	0907072-004A	EA	0.5	50	3050B	
10	0907072-005A	EA	0.5	50	3050B	
11	0907072-006A	EA	0.5	50	3050B	
12	0907072-007A	EA	0.5	50	3050B	
13	0907072-008A	EA	0.5	50	3050B	
14	0907072-009A	EA	0.5	50	3050B	
15	0907072-010A	EA	0.5	50	3050B	
16	0907072-011A	EA	0.5	50	3050B	
17	0907072-012A	EA	0.5	50	3050B	
18	0907072-013A	EA	0.5	50	3050B	
19	0907072-014A	EA	0.5	50	3050B	
20	0907072-015A	EA	0.5	50	3050B	
21	0907072-016A	EA	0.5	50	3050B	
22	0907072-017A	EA	0.5	50	3050B	
23	0907072-018A	EA	0.5	50	3050B	
24						
25						
26						
27						
28						
29						
30						
31						JT 7-24-09
32						

Reagents/Soln#

(A) 0.5 mL of icp Spike Solution # 8113-S

(B) 0.5 mL of icp Spike Solution # 8114-S

(C) 1 mL of icp Spike Solution # 8113-S + 8114-S

conc. HNO_3 # JT Baker H12022 (1:1) HNO_3 # 3092-R

conc. HCl # JT Baker H04040 H_2O_2 # JT Baker G37A19

Prepared by: Mile Taskovski

Date: 7/23/2009

Reviewed by: MT

Date: 7/24/09

Digestion Temp (°C): 92

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Life Science Laboratories, Inc.
Brittonfield Lab

Trace Metals Soil Digestion Log

QC Batch# 9760 Prep Start Date: 7/23/09 0:00 Prep End Date: 7/23/09 0:00

#	Sample ID	Client ID	Sample Amount (g)	Final Volume (mL)	Method	Comments
1	MB-9760		0.5	50	3050B	teflon chips (3039-R)
2	LCS-9760		0.5	50	3050B	(A+B) teflon chips (3039-R)
3	0907072-019A	EA	0.5	50	3050B	
4	0907072-019AMS	EA	0.5	50	3050B	C
5	0907072-019AMSD	EA	0.5	50	3050B	C
6	0907072-020A	EA	0.5	50	3050B	
7	0907072-021A	EA	0.5	50	3050B	
8	0907072-022A	EA	0.5	50	3050B	
9	0907072-023A	EA	0.5	50	3050B	
10	0907072-024A	EA	0.5	50	3050B	
11	0907072-025A	EA	0.5	50	3050B	
12	0907072-026A	EA	0.5	50	3050B	
13	0907072-027A	EA	0.5	50	3050B	
14	0907072-028A	EA	0.5	50	3050B	
15	0907072-029A	EA	0.5	50	3050B	
16	0907072-030A	EA	0.5	50	3050B	
17	0907072-031A	EA	0.5	50	3050B	
18	0907072-032A	EA	0.5	50	3050B	
19	0907072-033A	EA	0.5	50	3050B	
20	0907072-034A	EA	0.5	50	3050B	
21	0907072-035A	EA	0.5	50	3050B	
22	0907072-036A	EA	0.5	50	3050B	
23	0907072-037A	EA	0.5	50	3050B	
24						
25						
26						
27						
28						
29						
30						7-24-09 MT
31						
32						

Reagents/Soln#

(A) 0.5 mL of icp Spike Solution # 8113-S

(B) 0.5 mL of icp Spike Solution # 8114-S

(C) 1 mL of icp Spike Solution # 8113-S + 8114-S

conc. HNO_3 # JT Baker H12022 (1:1) HNO_3 # 3092-R

conc. HCl # JT Baker H04040 H_2O_2 # JT Baker G37A19

Prepared by: Mile Taskovski

Date: 7/23/2009

Reviewed by: MT

Date: 7/24/09

Digestion Temp (°C): 92

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Life Science Laboratories, Inc.
Brittonfield Lab

Trace Metals Soil Digestion Log

QC Batch# 9762 Prep Start Date: 7/24/09 0:00 Prep End Date: 7/24/09 0:00

#	Sample ID	Client ID	Sample Amount (g)	Final Volume (mL)	Method	Comments
1	MB-9762		0.5	50	3050B	Teflon chips 3039-R
2	LCS-9762		0.5	50	3050B	(A+B) Teflon chips 3039-R
3	0907072-038A	EA	0.5	50	3050B	
4	0907072-038AMS	EA	0.5	50	3050B	C
5	0907072-038AMSD	EA	0.5	50	3050B	C
6	0907072-039A	EA	0.5	50	3050B	
7	0907072-040A	EA	0.5	50	3050B	
8	0907072-041A	EA	0.5	50	3050B	
9	0907072-042A	EA	0.5	50	3050B	
10	0907072-043A	EA	0.5	50	3050B	
11	0907072-044A	EA	0.5	50	3050B	
12	0907072-045A	EA	0.5	50	3050B	
13	0907072-046A	EA	0.5	50	3050B	
14	0907072-047A	EA	0.5	50	3050B	
15	0907072-048A	EA	0.5	50	3050B	
16	0907072-049A	EA	0.5	50	3050B	
17	0907072-050A	EA	0.5	50	3050B	
18	0907072-051A	EA	0.5	50	3050B	
19	0907072-052A	EA	0.5	50	3050B	
20	0907072-053A	EA	0.5	50	3050B	
21	0907072-054A	EA	0.5	50	3050B	
22	0907072-055A	EA	0.5	50	3050B	
23						
24						
25						
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31						
32						

MT 7-27-09

Reagents/Soln#

(A) 0.5 mL of ICP Spike Solution # 8113-S

(B) 0.5 mL of ICP Spike Solution # 8114-S

(C) 1 mL of ICP Spike Solution # 8113-S + 8114-S

conc. HNO_3 # JT Baker H12022 (1:1) HNO_3 # 3092-R

conc. HCl # JT Baker H04040 H_2O_2 # JT Baker G37A19

Prepared by: Mile Taskovski

Date: 7/24/2009

Reviewed by: MT

Date: 7/24/09

Digestion Temp (°C): 92

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Life Science Laboratories, Inc.
Brittonfield Lab

Trace Metals Water Digestion Log

QC Batch# 9788 Prep Start Date: 7/28/09 0:00 Prep End Date: 7/28/09 0:00

#	Sample ID	Client ID	Initial Volume (mL)	Final Volume (mL)	Method	Comments
1	MB-9788		50	50	3005A	
2	LCS-9788		50	50	3005A	(A)+(B)
3	0907072-056A	EA	50	50	3005A	
4	0907101-001C	[redacted]	50	50	3005A	
5	0907101-001CMS	[redacted]	50	50	3005A	(A)+(B)
6	0907101-001CMSD	[redacted]	50	50	3005A	(A)+(B)
7	0907101-002C	[redacted]	50	50	3005A	
8	0907101-003C	[redacted]	50	50	3005A	
9	0907101-004C	[redacted]	50	50	3005A	
10	0907106-001C	[redacted]	50	50	3005A	
11	0907106-002C	[redacted]	50	50	3005A	
12	0907106-003C	[redacted]	50	50	3005A	
13	0907106-004C	[redacted]	50	50	3005A	
14	0907106-005C	[redacted]	50	50	3005A	
15	0907106-006C	[redacted]	50	50	3005A	
16						
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32						

Reagents/Soln#

(A) 0.5 mL of ICP Spike Solution # 8113-S

(B) 0.5 mL of ICP Spike Solution # 8114-S

(C) — mL of — Spike Solution # —

conc. HNO_3 # JT BAKER:H12022 (1:1) HNO_3 # —

conc. HCl # JT BAKER:H04040 (1:1) HCl # —

Prepared by: Daniel D. Roberts

Date: 7/28/09

Reviewed by: [signature]

Date: 7-29-09

Digestion Temp (°C): 94

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Life Science Laboratories, Inc. Trace Metals Section Standards Prep Logbook

Standard Number	Date Prepared and/or Received	Date Expires	Title of Solution	Weight and/or Volume	Final Volume	Final concentration	Manufacturer	Lot # and/or Standard #	Prepared by
6334-S	3/8/07	10/31/10	Al - 10,000 ppm	Stock, Received 100 mL	100 mL	10,000 ppm	AccuSTD	B510S043	CT
6335-S		9/30/10	Sb - 1000 ppm			1,000 ppm		B509S031	
6336-S		2/28/11	As - 1000 ppm					B511S036	
6337-S		9/30/10	Ba - 1000 ppm					B502S074	
6338-S		7/31/11	Be - 1000 ppm					B511S083	
6339-S		8/31/11	B - 1000 ppm					B608S625	
6340-S		11/30/11	Cd - 1000 ppm					B611S069	
6341-S		8/31/010	Ca - 10,000 ppm			10,000 ppm		B606S137	
6342-S		6/30/11	Cr - 1000 ppm			1,000 ppm		B606S124	
6343-S		12/31/11	Co - 1000 ppm					B612S064	
6344-S		9/30/11	Fe - 1000 ppm					B603S048	
6345-S		8/31/11	Pb - 1000 ppm					B607S090	
6346-S		9/30/10	Mg - 10,000 ppm			10,000 ppm		B501S118	
6347-S		6/30/11	Mn - 1000 ppm			1,000 ppm		B606S026	
6348-S		7/31/11	Mo - 1000 ppm					B606S081	
6349-S		6/30/11	Ni - 1000 ppm					B406S040	
6350-S		9/30/10	K - 10,000 ppm			10,000 ppm		B507S123	
6351-S		6/30/11	Se - 1000 ppm			1,000 ppm		B606S129	
6352-S		12/31/11	Ag - 1000 ppm					B612S004	
6353-S		7/31/11	Na - 10,000 ppm			10,000 ppm		B602S117	
6354-S		9/30/10	Sr - 1000 ppm			1,000 ppm		B503S151	
6355-S		5/31/11	Tl - 1000 ppm					B605S036	
6356-S		1/31/11	Sn - 1000 ppm					B601S089	
6357-S		9/30/10	Ti - 1000 ppm					B508S113	
6358-S		2/28/12	V - 1000 ppm					B702S121	
6359-S		2/28/11	Zn - 1000 ppm					B611S140	

Reviewed By: _____

Date: _____

691

Life Science Laboratories, Inc. — Trace Metals Section — Standards Prep Logbook

** DP 3/12/07

Standard Number	Date Prepared and/or Received	Date Expires	Title of Solution	Weight and/or Volume	Final Volume	Final concentration	Manufacturer	Lot # and/or Standard #	Prepared by
6360-S	3/8/07	9/30/11	Cu - 1000 ppm	Stock, Received 100 mL	100 mL	1,000 ppm	AccuSTD	B6095096	CT
6361-S	↓	2/28/11	As - 10,000 ppm	↓	↓	10,000 ppm	↓	B6025008	↓
6362-S		5/31/11	Ba - 10,000 ppm			↓		B6055064	
6363-S		6/30/11	Cr - 10,000 ppm					B6065134	
6364-S		8/31/11	Fe - 10,000 ppm					B6085027	
6365-S		12/31/11	Pb - 10,000 ppm					B6125078	
6366-S	↓	6/30/11	Nd - 1000 ppm	↓	↓	1,000 ppm	↓	B6065096	↓
6367-S	3/12/07	3/12/07	Hg Cal Curve (50:L)	0.0 mL (6368-S)	↑ 50mL w/ DI	0.0 ppb	AccuSTD	6368-S	DP
	↓	↓	↓	0.2		0.2		↓	↓
				0.5		0.5			
				↑ 1.0		1.0			
				2.0		2.0			
				5.0		5.0			
				10.0		10.0			
6368-S	3/12/07	3/12/07	Hg - 50 ppb (working STD)	0.5 mL (6037-S) + 2 mL conc. HNO_3	↑ 200 mL w/ DI	50.0 ppb	AccuSTD	6037-S	DP
6369-S	3/12/07	3/12/07	Hg - 50 ppb (REF STD)	0.5 mL (6038-S) + 2.0 mL conc. HNO_3	↓	50.0 ppb	Baker ULTRA	C38065 6038-S	DP
6370-S	3/12/07	3/12/07	ICB/CCB	0.5 mL conc. HNO_3		—	Baker	C38065	
6371-S	3/12/07	3/12/07	ICV (Hg)	4.0 mL ~~6.0~~ (6369-S)	↑ 50mL w/ DI	4.0 ppb	Baker ULTRA	C38065 6369-S	DP
6372-S	3/12/07	3/12/07	CRA (Hg)	0.2 mL (6368-S)	↓	0.2 ppb	AccuSTD	6368-S	DP
6373-S	3/12/07	3/12/07	CCV (Hg)	2.0 mL (6368-S)		2.0 ppb	↓	↓	DP
6374-S	3/12/07	3/12/07	Hg Cal Curve (Water)	0.0 mL (6368-S)	↑ 50mL w/ DI	0.0 ppb	AccuSTD	6368-S	DP
	↓	↓	↓	0.2		0.2 ppb	↓	↓	↓

Reviewed By: _____

Date: _____

692

ISO 9001:2000

AccuStandard, Inc.

ISO/IEC 17025

CERTIFICATE OF ANALYSIS

6334-5

Received - 3/8/07
Opened - 3/8/07
Expire - 10/31/10

AccuTrace™ Reference Standard

Item Number: ICP-01N-10X-1

Element: Aluminum
Concentration: 9919 µg/mL
Matrix: Al(NO3)3 · 9H2O in 2% HNO3

Density: 1.059g/mL
Lot Number: B5105043
Expiration Date: Oct / 2010

Elements in µg/mL

Ag	nd<0.02	Cr	0.06	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	*	Cs	N/A	In	nd<0.2	Ni	N/A	Sb	nd<0.2	Tl	N/A
As	N/A	Cu	nd<0.02	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	N/A	Dy	N/A	K	0.6	P	N/A	Se	N/A	U	nd<0.2
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	nd<0.2	Si	nd<0.2	V	nd<0.02
Ba	0.13	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	N/A
Be	nd<0.02	Fe	0.44	Lu	nd<0.02	Pr	nd<0.2	Sn	nd<0.02	Y	N/A
Bi	N/A	Ga	N/A	Mg	0.02	Pt	N/A	Sr	nd<0.02	Yb	nd<0.02
Ca	0.10	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	nd<0.02
Cd	nd<0.02	Ge	N/A	Mo	nd<0.02	Re	N/A	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	0.37	Rh	nd<0.2	Te	nd<0.2		
Co	nd<0.02	Hg	N/A	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed gravimetrically, using a balance calibrated against weight sets, ID #NJ86563, traceable to NIST.

The concentration of the final solution was verified by ICP against NIST SRM# 3101a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

Lydia Snyder
Inorganic QC Supervisor

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ISO 9001:2000

AccuStandard, Inc.

ISO/IEC 17025

CERTIFICATE OF ANALYSIS

6335-5

Received - 3/8/07
Opened - 3/8/07
Expire - 9/30/10

AccuTrace™ Reference Standard

Item Number: ICP-02N-1

Element: Antimony
Concentration: 1001 µg/mL
Matrix: 2% HNO3

Density: 1.013g/mL
Lot Number: B5095031
Expiration Date: Sep / 2010

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	N/A
Al	N/A	Cs	N/A	In	nd<0.2	Ni	N/A	Sb	*	Tl	N/A
As	N/A	Cu	nd<0.02	Ir	N/A	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	N/A	P	N/A	Se	N/A	U	N/A
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	nd<0.2	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	nd<0.2
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	N/A	Y	N/A
Bi	N/A	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	nd<0.02	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	nd<0.02
Cd	nd<0.02	Ge	nd<0.2	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	nd<0.02	Rh	nd<0.2	Te	N/A		
Co	nd<0.02	Hg	N/A	Nb	N/A	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using bromate which was standardized against NIST SRM #83d (arsenic trioxide).

The concentration of the final solution was verified by ICP against NIST SRM# 3102a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

Lydia Snyder
Inorganic QC Supervisor

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ISO 9001:2000

AccuStandard, Inc.

ISO/IEC 17025

CERTIFICATE OF ANALYSIS

6336-S

Received - 3/8/07
Opened - 3/8/07
Expire - 2/28/11

AccuTrace™ Reference Standard

Item Number: ICP-03N-1

Element: Arsenic
Concentration: 1000 µg/mL
Matrix: As in 2% HNO3

Density: 1.012 g/mL
Lot Number: B5115036
Expiration Date: Feb / 2011

Elements in µg/mL

Ag	nd<0.02	**Cr**	nd<0.02	**Ho**	nd<0.02	**Nd**	nd<0.02	**S**	N/A	**Ti**	nd<0.02
Al	N/A	**Cs**	N/A	**In**	nd<0.2	**Ni**	nd<0.02	**Sb**	nd<0.2	**Tl**	nd<0.2
As	*	**Cu**	nd<0.02	**Ir**	nd<0.2	**Os**	N/A	**Sc**	nd<0.02	**Tm**	nd<0.02
Au	nd<0.02	**Dy**	nd<0.02	**K**	nd<0.2	**P**	N/A	**Se**	nd<0.2	**U**	nd<0.2
B	nd<0.2	**Er**	nd<0.02	**La**	nd<0.02	**Pb**	nd<0.2	**Si**	nd<0.2	**V**	nd<0.02
Ba	nd<0.02	**Eu**	nd<0.02	**Li**	nd<0.02	**Pd**	nd<0.2	**Sm**	nd<0.2	**W**	nd<0.2
Be	nd<0.02	**Fe**	nd<0.02	**Lu**	nd<0.02	**Pr**	nd<0.2	**Sn**	nd<0.02	**Y**	nd<0.02
Bi	nd<0.2	**Ga**	nd<0.02	**Mg**	nd<0.02	**Pt**	nd<0.2	**Sr**	nd<0.02	**Yb**	nd<0.02
Ca	nd<0.02	**Gd**	nd<0.02	**Mn**	nd<0.02	**Rb**	N/A	**Ta**	nd<0.2	**Zn**	nd<0.02
Cd	nd<0.02	**Ge**	nd<0.2	**Mo**	nd<0.02	**Re**	nd<0.2	**Tb**	nd<0.02	**Zr**	nd<0.02
Ce	nd<0.2	**Hf**	nd<0.02	**Na**	**0.02**	**Rh**	nd<0.2	**Te**	nd<0.2		
Co	nd<0.02	**Hg**	nd<0.2	**Nb**	nd<0.2	**Ru**	nd<0.02	**Th**	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed gravimetrically, using a balance calibrated against weight sets, ID #NJ86563, traceable to NIST.

The concentration of the final solution was verified by ICP against NIST SRM# 3103a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

Lydia Snyder
Inorganic QC Supervisor

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AccuStandard, Inc.

CERTIFICATE OF ANALYSIS

6337-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 9/30/10

Item Number: ICP-04N-1

Element: Barium
Concentration: 1000 µg/mL
Matrix: Ba(NO3)2 in 2% HNO3

Lot Number: B5025074
Expiration Date: Sep / 2010

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	N/A	Cs	N/A	In	N/A	Ni	N/A	Sb	N/A	Tl	N/A
As	N/A	Cu	nd<0.02	Ir	N/A	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	N/A	Dy	N/A	K	N/A	P	N/A	Se	N/A	U	N/A
B	nd<0.2	Er	nd<0.02	La	N/A	Pb	N/A	Si	nd<0.2	V	nd<0.02
Ba	*	Eu	nd<0.02	Li	N/A	Pd	N/A	Sm	nd<0.2	W	N/A
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	N/A	Sn	N/A	Y	nd<0.02
Bi	N/A	Ga	N/A	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	nd<0.02	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	nd<0.02
Cd	N/A	Ge	N/A	Mo	nd<0.02	Re	N/A	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	N/A	Na	N/A	Rh	N/A	Te	N/A		
Co	N/A	Hg	N/A	Nb	N/A	Ru	N/A	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate).

The concentration of the final solution was verified by ICP against NIST SRM# 3104a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

Lydia Snyder
Inorganic QC Supervisor

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AccuStandard, Inc.

CERTIFICATE OF ANALYSIS

6338-5

Received - 3/8/07
Opened - 3/8/07
Expire - 7/31/11

AccuTrace™ Reference Standard

Item Number: ICP-05N-1

Element: Beryllium
Concentration: 1000 µg/mL
Matrix: 2% HNO3

Density: 1.016g/mL
Lot Number: B5115083
Expiration Date: Jul / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	nd<0.2	Ni	nd<0.02	Sb	nd<0.2	Tl	N/A
As	nd<0.2	Cu	nd<0.02	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	N/A	P	N/A	Se	nd<0.2	U	nd<0.2
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	nd<0.2	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	N/A
Be	*	Fe	nd<0.02	Lu	nd<0.02	Pr	N/A	Sn	N/A	Y	nd<0.02
Bi	nd<0.2	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	nd<0.02	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	nd<0.02
Cd	nd<0.02	Ge	nd<0.2	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	nd<0.02	Rh	nd<0.2	Te	N/A		
Co	nd<0.02	Hg	nd<0.2	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed gravimetrically, using a balance calibrated against weight sets, ID #NJ86563, traceable to NIST.

The concentration of the final solution was verified by ICP against NIST SRM# 3105a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

Lydia Snyder
Inorganic QC Supervisor

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ISO 9001:2000

AccuStandard, Inc.

ISO/IEC 17025

CERTIFICATE OF ANALYSIS

6339-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 8/31/11

Item Number: ICP-07W-1

Element: Boron
Concentration: 1000 µg/mL
Matrix: H3BO3 in H2O tr. NH4OH

Density: 1.002g/mL
Lot Number: B6085025
Expiration Date: Aug / 2011

Elements in µg/mL

Ag	N/A	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	N/A	Ni	nd<0.02	Sb	N/A	Tl	N/A
As	nd<0.2	Cu	nd<0.02	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	nd<0.2	P	N/A	Se	N/A	U	nd<0.2
B	*	Er	nd<0.02	La	nd<0.02	Pb	nd<0.2	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	N/A
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	nd<0.02	Y	nd<0.02
Bi	N/A	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	nd<0.02	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	nd<0.2	Zn	nd<0.02
Cd	nd<0.02	Ge	N/A	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	N/A	Rh	nd<0.2	Te	N/A		
Co	nd<0.02	Hg	nd<0.2	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed by acid/base titration using NaOH which was standardized against NIST SRM #84J (potassium hydrogen pthalate.)

The concentration of the final solution was verified by ICP against NIST SRM# 3107

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

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CERTIFICATE OF ANALYSIS

6340-S

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 11/30/11

Item Number: ICP-08N-1

Element: Cadmium
Concentration: 1000 µg/mL
Matrix: Cd in 2% HNO3

Density: 1.012 g/mL
Lot Number: B6115069
Expiration Date: Nov / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	**0.10**	Cs	N/A	In	nd<0.2	Ni	N/A	Sb	N/A	Tl	nd<0.2
As	N/A	Cu	nd<0.02	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	nd<0.2	P	N/A	Se	nd<0.2	U	nd<0.2
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	nd<0.2	Si	N/A	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	N/A	Sm	nd<0.2	W	nd<0.2
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	nd<0.02	Y	nd<0.02
Bi	nd<0.2	Ga	nd<0.02	Mg	**0.02**	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	nd<0.02	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	nd<0.02
Cd	*	Ge	nd<0.2	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	nd<0.02	Rh	nd<0.2	Te	N/A		
Co	nd<0.02	Hg	nd<0.2	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate.)

The concentration of the final solution was verified by ICP against NIST SRM# 3108

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

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CERTIFICATE OF ANALYSIS

6341-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 8/21/11

Item Number: ICP-09N-10X-1

Element: Calcium
Concentration: 10000 µg/mL
Matrix: CaCO3 in 2% HNO3

Density: 1.042g/mL
Lot Number: B6065137
Expiration Date: Aug / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	nd<0.2	Ni	nd<0.02	Sb	nd<0.2	Tl	N/A
As	nd<0.2	Cu	**0.03**	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	N/A	P	N/A	Se	nd<0.2	U	N/A
B	nd<0.2	Er	nd<0.02	La	**0.26**	Pb	nd<0.2	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	nd<0.2
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	nd<0.02	Y	nd<0.02
Bi	nd<0.2	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	**0.03**	Yb	nd<0.02
Ca	*	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	nd<0.2	Zn	nd<0.02
Cd	nd<0.02	Ge	nd<0.2	Mo	**0.1**	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	**0.1**	Rh	nd<0.2	Te	nd<0.2		
Co	nd<0.02	Hg	nd<0.2	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate.)

The concentration of the final solution was verified by ICP against NIST SRM# 3109a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

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CERTIFICATE OF ANALYSIS

6342-S

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 6/30/11

Item Number: ICP-13N-1

Element: Chromium
Concentration: 1000 µg/mL
Matrix: 2% HNO3

Density: 1.013 g/mL
Lot Number: B6065124
Expiration Date: Jun / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	*	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	N/A	Ni	nd<0.02	Sb	nd<0.2	Tl	N/A
As	nd<0.2	Cu	nd<0.02	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	N/A	P	N/A	Se	N/A	U	N/A
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	N/A	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	N/A	W	N/A
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	nd<0.02	Y	nd<0.02
Bi	N/A	Ga	N/A	Mg	N/A	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	N/A	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	nd<0.2	Zn	nd<0.02
Cd	nd<0.02	Ge	nd<0.2	Mo	nd<0.02	Re	N/A	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	nd<0.02	Rh	nd<0.2	Te	N/A		
Co	nd<0.02	Hg	nd<0.2	Nb	nd<0.2	Ru	N/A	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed gravimetrically, using a balance calibrated against weight sets, ID #NJ86563, traceable to NIST.

The concentration of the final solution was verified by ICP against NIST SRM# 3112a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

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CERTIFICATE OF ANALYSIS

6343-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 12/31/11

Item Number: ICP-14N-1

Element: Cobalt
Concentration: 1000 µg/mL
Matrix: 2% HNO3

Density: 1.014 g/mL
Lot Number: B6125064
Expiration Date: Dec / 2011

Elements in µg/mL

Ag	N/A	**Cr**	N/A	**Ho**	N/A	**Nd**	N/A	**S**	N/A	**Ti**	nd<0.02
Al	N/A	**Cs**	N/A	**In**	N/A	**Ni**	N/A	**Sb**	N/A	**Tl**	N/A
As	N/A	**Cu**	N/A	**Ir**	N/A	**Os**	N/A	**Sc**	nd<0.02	**Tm**	nd<0.02
Au	N/A	**Dy**	nd<0.02	**K**	N/A	**P**	N/A	**Se**	N/A	**U**	N/A
B	N/A	**Er**	nd<0.02	**La**	nd<0.02	**Pb**	N/A	**Si**	N/A	**V**	nd<0.02
Ba	nd<0.02	**Eu**	nd<0.02	**Li**	N/A	**Pd**	N/A	**Sm**	nd<0.2	**W**	N/A
Be	nd<0.02	**Fe**	N/A	**Lu**	nd<0.02	**Pr**	nd<0.2	**Sn**	N/A	**Y**	nd<0.02
Bi	N/A	**Ga**	N/A	**Mg**	nd<0.02	**Pt**	N/A	**Sr**	nd<0.02	**Yb**	nd<0.02
Ca	**0.08**	**Gd**	N/A	**Mn**	nd<0.02	**Rb**	N/A	**Ta**	N/A	**Zn**	N/A
Cd	nd<0.02	**Ge**	N/A	**Mo**	N/A	**Re**	N/A	**Tb**	N/A	**Zr**	nd<0.02
Ce	nd<0.2	**Hf**	**0.05**	**Na**	N/A	**Rh**	N/A	**Te**	N/A		
Co	*	**Hg**	N/A	**Nb**	N/A	**Ru**	N/A	**Th**	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate.)

The concentration of the final solution was verified by ICP against NIST SRM# 3113

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids. ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

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CERTIFICATE OF ANALYSIS

6360-S

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 9/30/11

Item Number: ICP-15N-1

Element: Copper
Concentration: 1000 µg/mL
Matrix: 2% HNO3

Density: 1.013g/mL
Lot Number: B6095096
Expiration Date: Sep / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	N/A	Cs	N/A	In	nd<0.2	Ni	nd<0.02	Sb	nd<0.2	Tl	N/A
As	N/A	Cu	*	Ir	N/A	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	N/A	P	N/A	Se	N/A	U	nd<0.2
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	N/A	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	N/A	Sm	nd<0.2	W	N/A
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	N/A	Y	nd<0.02
Bi	N/A	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	nd<0.02	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	nd<0.2	Zn	nd<0.02
Cd	nd<0.02	Ge	N/A	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	N/A	Rh	nd<0.2	Te	N/A		
Co	nd<0.02	Hg	N/A	Nb	nd<0.2	Ru	N/A	Th	N/A		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate.)

The concentration of the final solution was verified by ICP against NIST SRM# 3114

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

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CERTIFICATE OF ANALYSIS

6344-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 10/31/11

Item Number: ICP-27N-1

Element: Iron
Concentration: 1000 µg/mL
Matrix: Fe in 5% HNO3

Density: 1.032 g/mL
Lot Number: B6035048
Expiration Date: Oct / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	N/A	Ni	nd<0.02	Sb	nd<0.2	Tl	N/A
As	N/A	Cu	nd<0.02	Ir	N/A	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	N/A	Dy	nd<0.02	K	N/A	P	N/A	Se	N/A	U	N/A
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	N/A	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	N/A
Be	nd<0.02	Fe	*	Lu	nd<0.02	Pr	nd<0.2	Sn	nd<0.02	Y	nd<0.02
Bi	N/A	Ga	N/A	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	nd<0.02	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	nd<0.02
Cd	N/A	Ge	nd<0.2	Mo	nd<0.02	Re	nd<0.2	Tb	N/A	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	N/A	Rh	nd<0.2	Te	N/A		
Co	N/A	Hg	N/A	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate),

The concentration of the final solution was verified by ICP against NIST SRM# 3126a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

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ISO 9001:2000

AccuStandard, Inc.

CERTIFICATE OF ANALYSIS

ISO/IEC 17025

6345-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 8/31/11

Item Number: ICP-29N-1

Element: Lead
Concentration: 1000 µg/mL
Matrix: 2% HNO3

Density: 1.011g/mL
Lot Number: B6075090
Expiration Date: Aug / 2011

Elements in µg/mL

Ag	nd<0.02	**Cr**	nd<0.02	**Ho**	nd<0.02	**Nd**	nd<0.02	**S**	N/A	**Ti**	nd<0.02
Al	nd<0.02	**Cs**	N/A	**In**	nd<0.2	**Ni**	**0.02**	**Sb**	nd<0.2	**Tl**	N/A
As	nd<0.2	**Cu**	nd<0.02	**Ir**	N/A	**Os**	N/A	**Sc**	nd<0.02	**Tm**	nd<0.02
Au	nd<0.02	**Dy**	nd<0.02	**K**	N/A	**P**	N/A	**Se**	nd<0.2	**U**	nd<0.2
B	nd<0.2	**Er**	nd<0.02	**La**	nd<0.02	**Pb**	*	**Si**	nd<0.2	**V**	nd<0.02
Ba	nd<0.02	**Eu**	nd<0.02	**Li**	nd<0.02	**Pd**	nd<0.2	**Sm**	nd<0.2	**W**	nd<0.2
Be	nd<0.02	**Fe**	nd<0.02	**Lu**	nd<0.02	**Pr**	nd<0.2	**Sn**	nd<0.02	**Y**	nd<0.02
Bi	nd<0.2	**Ga**	nd<0.02	**Mg**	nd<0.02	**Pt**	nd<0.2	**Sr**	nd<0.02	**Yb**	nd<0.02
Ca	nd<0.02	**Gd**	nd<0.02	**Mn**	nd<0.02	**Rb**	N/A	**Ta**	nd<0.2	**Zn**	nd<0.02
Cd	nd<0.02	**Ge**	nd<0.2	**Mo**	nd<0.02	**Re**	nd<0.2	**Tb**	nd<0.02	**Zr**	nd<0.02
Ce	nd<0.2	**Hf**	nd<0.02	**Na**	nd<0.02	**Rh**	nd<0.2	**Te**	nd<0.2		
Co	nd<0.02	**Hg**	nd<0.2	**Nb**	nd<0.2	**Ru**	nd<0.02	**Th**	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate.)

The concentration of the final solution was verified by ICP against NIST SRM# 3128

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

Lydia Snyder
Inorganic QC Supervisor

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AccuStandard, Inc.

CERTIFICATE OF ANALYSIS

6346-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 9/30/10

Item Number: ICP-32N-10X-1

Element: Magnesium
Concentration: 10000 µg/mL
Matrix: 2% HNO3

Density: 1.055g/mL
Lot Number: B5015118
Expiration Date: Sep / 2010

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	0.05	Cs	N/A	In	N/A	Ni	nd<0.02	Sb	nd<0.2	Tl	N/A
As	nd<0.2	Cu	nd<0.02	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	N/A	P	N/A	Se	nd<0.2	U	nd<0.2
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	nd<0.2	Si	N/A	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	N/A
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	nd<0.02	Y	nd<0.02
Bi	nd<0.2	Ga	nd<0.02	Mg	*	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	0.45	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	nd<0.02
Cd	nd<0.02	Ge	nd<0.2	Mo	0.06	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	N/A	Na	0.13	Rh	nd<0.2	Te	nd<0.2		
Co	nd<0.02	Hg	nd<0.2	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate).

The concentration of the final solution was verified by ICP against NIST SRM# 3131a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

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CERTIFICATE OF ANALYSIS

6347-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 6/30/11

Item Number: ICP-33N-1

Element: Manganese
Concentration: 1000 µg/mL
Matrix: Mn(C2H3O2)2 in 2% HNO3

Density: 1.012g/mL
Lot Number: B6065026
Expiration Date: Jun / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	N/A	Ni	N/A	Sb	nd<0.2	Tl	N/A
As	N/A	Cu	nd<0.02	Ir	N/A	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	nd<0.2	P	N/A	Se	N/A	U	nd<0.2
B	N/A	Er	nd<0.02	La	nd<0.02	Pb	N/A	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	N/A
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	N/A	Y	nd<0.02
Bi	nd<0.2	Ga	nd<0.02	Mg	N/A	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	nd<0.02	Gd	nd<0.02	Mn	*	Rb	N/A	Ta	N/A	Zn	N/A
Cd	nd<0.02	Ge	N/A	Mo	nd<0.02	Re	N/A	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	nd<0.02	Rh	nd<0.2	Te	N/A		
Co	nd<0.02	Hg	N/A	Nb	nd<0.2	Ru	nd<0.02	Th	N/A		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate.)

The concentration of the final solution was verified by ICP against NIST SRM# 3132

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

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CERTIFICATE OF ANALYSIS

6348-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 7/31/07 11

Item Number: ICP-35W-1

Element: Molybdenum
Concentration: 1000 µg/mL
Matrix: Water, tr NH_4OH

Density: 1.000g/mL
Lot Number: B6065081
Expiration Date: Jul / 2011

CT 3/8/07

Elements in µg/mL

Ag	N/A	Cr	nd<0.02	Ho	N/A	Nd	N/A	S	N/A	Ti	nd<0.02
Al	N/A	Cs	N/A	In	N/A	Ni	N/A	Sb	N/A	Tl	N/A
As	N/A	Cu	N/A	Ir	N/A	Os	N/A	Sc	nd<0.02	Tm	N/A
Au	N/A	Dy	nd<0.02	K	N/A	P	N/A	Se	N/A	U	N/A
B	N/A	Er	N/A	La	nd<0.02	Pb	N/A	Si	N/A	V	nd<0.02
Ba	nd<0.02	Eu	N/A	Li	nd<0.02	Pd	N/A	Sm	N/A	W	N/A
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	N/A	Sn	N/A	Y	nd<0.02
Bi	N/A	Ga	N/A	Mg	nd<0.02	Pt	N/A	Sr	nd<0.02	Yb	nd<0.02
Ca	N/A	Gd	N/A	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	nd<0.02
Cd	nd<0.02	Ge	N/A	Mo	*	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	N/A	Na	N/A	Rh	N/A	Te	N/A		
Co	nd<0.02	Hg	N/A	Nb	N/A	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed gravimetrically, using a balance calibrated against weight sets, ID #NJ86563, traceable to NIST.

The concentration of the final solution was verified by ICP against NIST SRM# 3134

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

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Inorganic QC Supervisor

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CERTIFICATE OF ANALYSIS

6349-8

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 6/30/11

Item Number: ICP-37N-1

Element: Nickel
Concentration: 1000 µg/mL
Matrix: Ni in 2% HNO3

Density: 1.014g/mL
Lot Number: B4065040
Expiration Date: Jun / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	nd<0.2	Ni	*	Sb	nd<0.2	Tl	nd<0.2
As	nd<0.2	Cu	nd<0.02	Ir	N/A	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	nd<0.2	P	N/A	Se	N/A	U	nd<0.2
B	N/A	Er	nd<0.02	La	nd<0.02	Pb	nd<0.2	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	N/A
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	N/A	Y	nd<0.02
Bi	N/A	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	nd<0.02	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	nd<0.02
Cd	N/A	Ge	nd<0.2	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	nd<0.02	Rh	nd<0.2	Te	N/A		
Co	0.11	Hg	N/A	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate).

The concentration of the final solution was verified by ICP against NIST SRM# 3136

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

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CERTIFICATE OF ANALYSIS

6350-S

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 9/30/10

Item Number: ICP-43N-10X-1

Element: Potassium
Concentration: 9999 µg/mL
Matrix: KNO3 in 2% HNO3

Density: 1.028g/mL
Lot Number: B5075123
Expiration Date: Sep / 2010

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	nd<0.2	Ni	nd<0.02	Sb	nd<0.2	Tl	nd<0.2
As	nd<0.2	Cu	nd<0.02	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	*	P	N/A	Se	nd<0.2	U	nd<0.2
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	nd<0.2	Si	0.38	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	nd<0.2
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	nd<0.02	Y	nd<0.02
Bi	nd<0.2	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	nd<0.02	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	nd<0.2	Zn	nd<0.02
Cd	nd<0.02	Ge	nd<0.2	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	nd<0.02	Rh	nd<0.2	Te	nd<0.2		
Co	nd<0.02	Hg	nd<0.2	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed gravimetrically, using a balance calibrated against weight sets, ID #NJ86563, traceable to NIST.

The concentration of the final solution was verified by ICP against NIST SRM# 3141a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

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CERTIFICATE OF ANALYSIS

6351-S

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 6/30/11

Item Number: ICP-51N-1

Element: Selenium
Concentration: 1000 µg/mL
Matrix: Se in 2% HNO3

Density: 1.012g/mL
Lot Number: B6065129
Expiration Date: Jun / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	N/A	Ni	nd<0.02	Sb	nd<0.2	Tl	nd<0.2
As	nd<0.2	Cu	N/A	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	N/A	Dy	nd<0.02	K	N/A	P	N/A	Se	*	U	N/A
B	nd<0.2	Er	N/A	La	nd<0.02	Pb	N/A	Si	N/A	V	N/A
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	N/A
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	N/A	Sn	N/A	Y	N/A
Bi	N/A	Ga	nd<0.02	Mg	nd<0.02	Pt	N/A	Sr	nd<0.02	Yb	N/A
Ca	nd<0.02	Gd	N/A	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	N/A
Cd	nd<0.02	Ge	nd<0.2	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	N/A	Hf	N/A	Na	nd<0.02	Rh	nd<0.2	Te	N/A		
Co	N/A	Hg	nd<0.2	Nb	nd<0.2	Ru	N/A	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed gravimetrically, using a balance calibrated against weight sets, ID #NJ86563, traceable to NIST.

The concentration of the final solution was verified by ICP against NIST SRM# 3149

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

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Inorganic QC Supervisor

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ISO/IEC 17025

CERTIFICATE OF ANALYSIS

6352-S

Received - 3/8/07
Opened - 3/8/07
Expire - 12/31/11

AccuTrace™ Reference Standard

Item Number: ICP-53N-1

Element: Silver
Concentration: 1000 µg/mL
Matrix: AgNO3 in 2% HNO3

Density: 1.012 g/mL
Lot Number: B6125004
Expiration Date: Dec / 2011

Elements in µg/mL

Ag	*	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	0.03	Cs	N/A	In	nd<0.2	Ni	nd<0.02	Sb	nd<0.2	Tl	N/A
As	nd<0.2	Cu	nd<0.02	Ir	nd<0.2	Os	N/A	Sc	N/A	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	nd<0.2	P	N/A	Se	nd<0.2	U	nd<0.2
B	0.04	Er	nd<0.02	La	nd<0.02	Pb	nd<0.2	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	nd<0.2
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	nd<0.02	Y	nd<0.02
Bi	N/A	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	N/A	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	nd<0.2	Zn	N/A
Cd	nd<0.02	Ge	nd<0.2	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	N/A	Hf	nd<0.02	Na	0.04	Rh	nd<0.2	Te	nd<0.2		
Co	nd<0.02	Hg	nd<0.2	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using a Vohlhard titration calibrated against 99.999% silver shot.

The concentration of the final solution was verified by ICP against NIST SRM# 3151

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

Lydia Snyder
Inorganic QC Supervisor

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AccuStandard, Inc.

CERTIFICATE OF ANALYSIS

AccuTrace™ Reference Standard

6353-5

Received - 3/8/07
Opened - 3/8/07
Expire - 3/31/11

Item Number: ICP-54N-10X-1

Element: Sodium
Concentration: 10000 µg/mL
Matrix: NaNO3 in 2% HNO3

Density: 1.036 g/mL
Lot Number: B6025117
Expiration Date: Mar / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	N/A	Ni	nd<0.02	Sb	nd<0.2	Tl	N/A
As	N/A	Cu	nd<0.02	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	N/A	P	N/A	Se	nd<0.2	U	nd<0.2
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	nd<0.2	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	N/A	Pd	nd<0.2	Sm	nd<0.2	W	nd<0.2
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	N/A	Y	nd<0.02
Bi	N/A	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	0.02	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	nd<0.02
Cd	nd<0.02	Ge	nd<0.2	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	*	Rh	nd<0.2	Te	nd<0.2		
Co	nd<0.02	Hg	nd<0.2	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed gravimetrically, using a balance calibrated against weight sets, ID #NJ86563, traceable to NIST.

The concentration of the final solution was verified by ICP against NIST SRM# 3152a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

Lydia Snyder
Inorganic QC Supervisor

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CERTIFICATE OF ANALYSIS

6354-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 9/30/10

Item Number: ICP-55N-1

Element: Strontium
Concentration: 1000 µg/mL
Matrix: Sr(NO3)2 in 2% HNO3

Lot Number: B5035151
Expiration Date: Sep / 2010

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	N/A	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	nd<0.2	Ni	nd<0.02	Sb	nd<0.2	Tl	N/A
As	nd<0.2	Cu	nd<0.02	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	N/A	Dy	nd<0.02	K	N/A	P	N/A	Se	nd<0.2	U	N/A
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	N/A	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	N/A
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	N/A	Sn	nd<0.02	Y	nd<0.02
Bi	nd<0.2	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	*	Yb	nd<0.02
Ca	nd<0.02	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	nd<0.2	Zn	nd<0.02
Cd	nd<0.02	Ge	N/A	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	N/A
Ce	nd<0.2	Hf	nd<0.02	Na	nd<0.02	Rh	nd<0.2	Te	nd<0.2		
Co	nd<0.02	Hg	nd<0.2	Nb	N/A	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate).

The concentration of the final solution was verified by ICP against NIST SRM# 3153a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

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CERTIFICATE OF ANALYSIS

6355-S

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 5/31/11

Item Number: ICP-60N-1

Element: Thallium
Concentration: 1000 µg/mL
Matrix: Tl in 2% HNO3

Density: 1.011 g/mL
Lot Number: B6055036
Expiration Date: May / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	nd<0.2	Ni	nd<0.02	Sb	nd<0.2	Tl	*
As	N/A	Cu	nd<0.02	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	N/A	P	N/A	Se	nd<0.2	U	nd<0.2
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	nd<0.2	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	nd<0.2
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	nd<0.02	Y	nd<0.02
Bi	nd<0.2	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	nd<0.02	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	nd<0.2	Zn	nd<0.02
Cd	nd<0.02	Ge	nd<0.2	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	nd<0.02	Rh	nd<0.2	Te	nd<0.2		
Co	nd<0.02	Hg	nd<0.2	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed gravimetrically, using a balance calibrated against weight sets, ID #NJ86563, traceable to NIST.

The concentration of the final solution was verified by ICP against NIST SRM# 3158

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

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CERTIFICATE OF ANALYSIS

6356-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 1/31/11

Item Number: ICP-63N-1

Element: Tin
Concentration: 1000 µg/mL
Matrix: Sn in 2-5% HNO3 tr. HF

Density: 1.012 g/mL
Lot Number: B6015089
Expiration Date: Jan / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	N/A	Cs	N/A	In	nd<0.2	Ni	nd<0.02	Sb	nd<0.2	Tl	nd<0.2
As	nd<0.2	Cu	nd<0.02	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	N/A	P	N/A	Se	nd<0.2	U	nd<0.2
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	N/A	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	N/A
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	*	Y	nd<0.02
Bi	nd<0.2	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	nd<0.02	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	nd<0.2	Zn	nd<0.02
Cd	nd<0.02	Ge	nd<0.2	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	N/A	Rh	nd<0.2	Te	nd<0.2		
Co	nd<0.02	Hg	N/A	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed gravimetrically, using a balance calibrated against weight sets, ID #NJ86563, traceable to NIST.

The concentration of the final solution was verified by ICP against NIST SRM# 3161

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

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CERTIFICATE OF ANALYSIS

6357-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 9/30/10

Item Number: ICP-64W-1

Element: Titanium
Concentration: 1000 µg/mL
Matrix: (NH4)2TiF6 in H2O tr HF

Density: 1.000g/mL
Lot Number: B5085113
Expiration Date: Sep / 2010

Elements in µg/mL

Ag	N/A	Cr	nd<0.02	Ho	nd<0.02	Nd	N/A	S	N/A	Ti	*
Al	N/A	Cs	N/A	In	N/A	Ni	nd<0.02	Sb	N/A	Tl	N/A
As	N/A	Cu	N/A	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	nd<0.2	P	N/A	Se	N/A	U	N/A
B	**0.2**	Er	nd<0.02	La	nd<0.02	Pb	N/A	Si	N/A	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	N/A	Sm	N/A	W	N/A
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	N/A	Y	nd<0.02
Bi	N/A	Ga	N/A	Mg	nd<0.02	Pt	N/A	Sr	nd<0.02	Yb	nd<0.02
Ca	nd<0.02	Gd	N/A	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	nd<0.02
Cd	nd<0.02	Ge	N/A	Mo	N/A	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	**0.104**	Rh	N/A	Te	nd<0.2		
Co	nd<0.02	Hg	nd<0.2	Nb	N/A	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed gravimetrically, using a balance calibrated against weight sets, ID #NJ86563, traceable to NIST.

The concentration of the final solution was verified by ICP against NIST SRM# 3162a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

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CERTIFICATE OF ANALYSIS

6358-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 2/28/12

Item Number: ICP-67N-1

Element: Vanadium
Concentration: 1000 µg/mL
Matrix: V_2O_5 in 2% HNO_3

Density: 1.014 g/mL
Lot Number: B7025121
Expiration Date: Feb / 2012

Elements in µg/mL

Ag	nd<0.02	**Cr**	N/A	**Ho**	nd<0.02	**Nd**	nd<0.02	**S**	N/A	**Ti**	nd<0.02
Al	N/A	**Cs**	N/A	**In**	N/A	**Ni**	nd<0.02	**Sb**	N/A	**Tl**	N/A
As	N/A	**Cu**	nd<0.02	**Ir**	nd<0.2	**Os**	N/A	**Sc**	nd<0.02	**Tm**	nd<0.02
Au	nd<0.02	**Dy**	nd<0.02	**K**	nd<0.2	**P**	N/A	**Se**	N/A	**U**	nd<0.2
B	nd<0.2	**Er**	nd<0.02	**La**	nd<0.02	**Pb**	nd<0.2	**Si**	nd<0.2	**V**	*
Ba	nd<0.02	**Eu**	nd<0.02	**Li**	nd<0.02	**Pd**	nd<0.2	**Sm**	nd<0.2	**W**	N/A
Be	nd<0.02	**Fe**	**0.02**	**Lu**	N/A	**Pr**	N/A	**Sn**	nd<0.02	**Y**	nd<0.02
Bi	nd<0.2	**Ga**	nd<0.02	**Mg**	N/A	**Pt**	N/A	**Sr**	nd<0.02	**Yb**	nd<0.02
Ca	N/A	**Gd**	nd<0.02	**Mn**	nd<0.02	**Rb**	N/A	**Ta**	N/A	**Zn**	nd<0.02
Cd	nd<0.02	**Ge**	N/A	**Mo**	nd<0.02	**Re**	nd<0.2	**Tb**	nd<0.02	**Zr**	nd<0.02
Ce	nd<0.2	**Hf**	nd<0.02	**Na**	**0.03**	**Rh**	nd<0.2	**Te**	N/A		
Co	nd<0.02	**Hg**	N/A	**Nb**	N/A	**Ru**	nd<0.02	**Th**	N/A		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed gravimetrically, using a balance calibrated against weight sets, ID #NJ86563, traceable to NIST.

The concentration of the final solution was verified by ICP against NIST SRM# 3165

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

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CERTIFICATE OF ANALYSIS

6359-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 2/28/11

Item Number: ICP-70N-1

Element: Zinc
Concentration: 1000 µg/mL
Matrix: Zn in 2% HNO3

Density: 1.013g/mL
Lot Number: B6015140
Expiration Date: Feb / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	nd<0.2	Ni	nd<0.02	Sb	N/A	Tl	nd<0.2
As	nd<0.2	Cu	nd<0.02	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	nd<0.2	P	N/A	Se	nd<0.2	U	nd<0.2
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	nd<0.2	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	nd<0.2
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	nd<0.02	Y	nd<0.02
Bi	nd<0.2	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	N/A	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	nd<0.2	Zn	*
Cd	N/A	Ge	nd<0.2	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	nd<0.02	Rh	nd<0.2	Te	nd<0.2		
Co	nd<0.02	Hg	nd<0.2	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate).

The concentration of the final solution was verified by ICP against NIST SRM# 3168a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

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CERTIFICATE OF ANALYSIS

6361-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 2/28/11

Item Number: ICP-03N-10X-1

Element: Arsenic
Concentration: 10022 µg/mL
Matrix: As in 2% HNO3

Density: 1.011g/mL
Lot Number: B6025008
Expiration Date: Feb / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	**0.02**	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	nd<0.2	Ni	nd<0.02	Sb	nd<0.2	Tl	nd<0.2
As	*	Cu	**0.03**	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	**0.09**
Au	nd<0.02	Dy	nd<0.02	K	nd<0.2	P	N/A	Se	N/A	U	nd<0.2
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	nd<0.2	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	nd<0.2
Be	nd<0.02	Fe	**0.02**	Lu	nd<0.02	Pr	nd<0.2	Sn	N/A	Y	nd<0.02
Bi	nd<0.2	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	**0.04**	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	nd<0.02
Cd	nd<0.02	Ge	nd<0.2	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	**0.09**	Rh	nd<0.2	Te	nd<0.2		
Co	nd<0.02	Hg	nd<0.2	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed gravimetrically, using a balance calibrated against weight sets, ID #NJ86563, traceable to NIST.

The concentration of the final solution was verified by ICP against NIST SRM# 3103a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

Lydia Snyder
Inorganic QC Supervisor

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CERTIFICATE OF ANALYSIS

6362-S

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 5/31/11

Item Number: ICP-04N-10X-1

Element: Barium
Concentration: 10000 µg/mL
Matrix: Ba(NO3)2 in 2% HNO3

Lot Number: B6055064
Expiration Date: May / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	N/A	Cs	N/A	In	N/A	Ni	nd<0.02	Sb	N/A	Tl	N/A
As	N/A	Cu	nd<0.02	Ir	N/A	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	N/A	K	N/A	P	N/A	Se	nd<0.2	U	N/A
B	N/A	Er	nd<0.02	La	nd<0.02	Pb	nd<0.2	Si	0.3	V	nd<0.02
Ba	*	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	nd<0.2
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	N/A	Y	nd<0.02
Bi	N/A	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	0.02	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	nd<0.02
Cd	nd<0.02	Ge	N/A	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	nd<0.02	Rh	nd<0.2	Te	N/A		
Co	nd<0.02	Hg	N/A	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate.)

The concentration of the final solution was verified by ICP against NIST SRM# 3104a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

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CERTIFICATE OF ANALYSIS

6363-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 6/30/11

Item Number: ICP-13N-10X-1

Element: Chromium
Concentration: 10000 µg/mL
Matrix: 2-5% HNO3

Density: 1.044 g/mL
Lot Number: B6065134
Expiration Date: Jun / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	*	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	N/A	Ni	nd<0.02	Sb	nd<0.2	Tl	N/A
As	nd<0.2	Cu	nd<0.02	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	N/A	P	N/A	Se	N/A	U	N/A
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	N/A	Si	0.3	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	N/A	W	N/A
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	nd<0.2	Sn	nd<0.02	Y	nd<0.02
Bi	N/A	Ga	N/A	Mg	N/A	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	N/A	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	nd<0.2	Zn	nd<0.02
Cd	nd<0.02	Ge	nd<0.2	Mo	nd<0.02	Re	N/A	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	0.38	Rh	nd<0.2	Te	N/A		
Co	nd<0.02	Hg	nd<0.2	Nb	nd<0.2	Ru	N/A	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed gravimetrically, using a balance calibrated against weight sets, ID #NJ86563, traceable to NIST.

The concentration of the final solution was verified by ICP against NIST SRM# 3112a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

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CERTIFICATE OF ANALYSIS

6364-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/9/07
Expire - 8/31/11

Item Number: ICP-27N-10X-1

Element: Iron
Concentration: 10000 µg/mL
Matrix: Fe in 5% HNO3

Density: 1.084g/mL
Lot Number: B6085027
Expiration Date: Aug / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	N/A	Ni	nd<0.02	Sb	nd<0.2	Tl	N/A
As	N/A	Cu	nd<0.02	Ir	N/A	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	N/A	Dy	nd<0.02	K	N/A	P	N/A	Se	N/A	U	N/A
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	N/A	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	N/A
Be	nd<0.02	Fe	*	Lu	nd<0.02	Pr	nd<0.2	Sn	nd<0.02	Y	nd<0.02
Bi	N/A	Ga	N/A	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	N/A
Ca	nd<0.02	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	**0.32**
Cd	N/A	Ge	nd<0.2	Mo	nd<0.02	Re	nd<0.2	Tb	N/A	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	N/A	Rh	nd<0.2	Te	N/A		
Co	N/A	Hg	N/A	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%, See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate.)

The concentration of the final solution was verified by ICP against NIST SRM# 3126a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

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CERTIFICATE OF ANALYSIS

6365-5

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 12/31/11

Item Number: ICP-29N-10X-1

Element: Lead
Concentration: 10000 µg/mL
Matrix: 2% HNO3

Lot Number: B6125078
Expiration Date: Dec / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	nd<0.02	Nd	nd<0.02	S	N/A	Ti	nd<0.02
Al	nd<0.02	Cs	N/A	In	nd<0.2	Ni	N/A	Sb	N/A	Tl	N/A
As	nd<0.2	Cu	N/A	Ir	N/A	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	nd<0.02	K	N/A	P	N/A	Se	N/A	U	N/A
B	nd<0.2	Er	nd<0.02	La	nd<0.02	Pb	*	Si	nd<0.2	V	nd<0.02
Ba	nd<0.02	Eu	nd<0.02	Li	nd<0.02	Pd	nd<0.2	Sm	nd<0.2	W	nd<0.2
Be	nd<0.02	Fe	N/A	Lu	nd<0.02	Pr	nd<0.2	Sn	nd<0.02	Y	nd<0.02
Bi	nd<0.2	Ga	nd<0.02	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	0.05	Gd	nd<0.02	Mn	nd<0.02	Rb	N/A	Ta	nd<0.2	Zn	nd<0.02
Cd	nd<0.02	Ge	nd<0.2	Mo	nd<0.02	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	nd<0.2	Hf	nd<0.02	Na	N/A	Rh	nd<0.2	Te	nd<0.2		
Co	nd<0.02	Hg	N/A	Nb	nd<0.2	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate.)

The concentration of the final solution was verified by ICP against NIST SRM# 3128

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

Lydia Snyder
Inorganic QC Supervisor

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CERTIFICATE OF ANALYSIS

6366-S

AccuTrace™ Reference Standard

Received - 3/8/07
Opened - 3/8/07
Expire - 6/30/11

Item Number: ICP-36N-1

Element: Neodymium
Concentration: 1000 µg/mL
Matrix: 2% HNO3

Lot Number: B6065096
Expiration Date: Jun / 2011

Elements in µg/mL

Ag	nd<0.02	Cr	nd<0.02	Ho	N/A	Nd	*	S	N/A	Ti	nd<0.02
Al	N/A	Cs	N/A	In	N/A	Ni	nd<0.02	Sb	nd<0.2	Tl	N/A
As	N/A	Cu	nd<0.02	Ir	nd<0.2	Os	N/A	Sc	nd<0.02	Tm	nd<0.02
Au	nd<0.02	Dy	N/A	K	N/A	P	N/A	Se	nd<0.2	U	N/A
B	nd<0.2	Er	N/A	La	N/A	Pb	N/A	Si	nd<0.2	V	N/A
Ba	nd<0.02	Eu	N/A	Li	0.07	Pd	N/A	Sm	N/A	W	N/A
Be	nd<0.02	Fe	nd<0.02	Lu	nd<0.02	Pr	N/A	Sn	N/A	Y	nd<0.02
Bi	nd<0.2	Ga	N/A	Mg	nd<0.02	Pt	nd<0.2	Sr	nd<0.02	Yb	nd<0.02
Ca	N/A	Gd	N/A	Mn	nd<0.02	Rb	N/A	Ta	N/A	Zn	nd<0.02
Cd	nd<0.02	Ge	nd<0.2	Mo	N/A	Re	nd<0.2	Tb	nd<0.02	Zr	nd<0.02
Ce	N/A	Hf	nd<0.02	Na	0.22	Rh	N/A	Te	N/A		
Co	nd<0.02	Hg	nd<0.2	Nb	N/A	Ru	nd<0.02	Th	nd<0.02		

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

This solution was assayed titrimetrically, using EDTA which was standardized against NIST SRM #928 (lead nitrate.)

The concentration of the final solution was verified by ICP against NIST SRM# 3135a

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

Lydia Snyder
Inorganic QC Supervisor

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Life Science Laboratories, Inc. Trace Metals Section Standards Prep Logbook

Standard Number	Date Prepared and/or Received	Date Expires	Title of Solution	Weight and/or Volume	Final Volume	Final concentration	Manufacturer	Lot # and/or Standard #	Prepared by
7145-S	1/3/08	1/30/08	CCV Hg (SOIL)	2.0 ml (7139-S)	↑ 50ml w/ DI	2.0 ppb	ACCUSTD	7139-S	DN
7146-S	1/3/08	1/3/08	Hg CAL STD's (WATER)	0.0 ml (7139-S) 0.2 0.5 1.0 2.0 5.0 10.0	50ml ↑ w/ DI	0.0 ppb 0.2 0.5 1.0 2.0 5.0 10.0	ACCUSTD	7139-S	DN
7147-S	1/3/08	1/3/08	CCV Hg (WATER)	4.0 ml (7140-S)	↑ 50ml w/ DI	4.0 ppb	ABSOLUTE	7140-S	DN
7148-S	1/3/08	1/3/08	CRA Hg (WATER)	0.2 ml (7139-S)	↑ 50ml w/ DI	0.2 ppb	ACCUSTD	7139-S	DN
7149-S 7150-S	1/3/08 ↓	1/3/08 ↓	CCV Hg ↓	2.0 ml (7139-S) ↓ ↓ ↓	↑ 50ml w/ DI	2.0 ppb ↓	ACCUSTD ↓	7139-S ↓	DN
7151-S	1/3/08	7/3/08	ICV (ICAP)	2.0 mL (6796-S) 2.0 mL (6797-S) + 6mL Conc. HNO_3 + 20 mL (1:1) HCl	↑ 200 mL w/ DI	See # 6796-S 6797-S	High Purity Baker	6796-S 6797-S E26035 2630-R	CT
7152-S	1/3/08	1/3/09	BLANK/ICB/CCB (ICAP)	100 mL Conc HCl + 80 mL Conc HNO_3	↑ 2 L w/ DI	5% 3%	Baker ↓	C40043 E27027	CT

Reviewed By: _____

Date: _____

Life Science Laboratories, Inc. Trace Metals Section Standards Prep Logbook

Standard Number	Date Prepared and/or Received	Date Expires	Title of Solution	Weight and/or Volume	Final Volume	Final concentration	Manufacturer	Lot # and/or Standard #	Prepared by
7153-S	1/3/08	1/3/09	STD3 (ICAP)	See prep sheet in metals	certificate	book	AccuSTD	–	CT
7154-S	1/3/08	1/3/09	STD2 (ICAP)	0.4mL (6364-S) Fe	↗ 200mL	Fe-20 ppm	AccuSTD	6364-S	CT
				0.4mL (6365-S) Pb	w/ DI	Pb-20		6365-S	
				2 mL (6342-S) Cr		Cr-10		6342-S	
				2mL (6341-S) Ca		Ca-100		6341-S	
				2mL (6353-S) Na		Na-100 ↓		6353-S	
				+ 6mL Conc. HNO3			Baker	E26035	
				+ 20mL (1:1) HCl	↓		↓	2630-R	↓
7155-S	1/3/08	1/3/09	STD1 (ICAP)	1mL (6350-S) K	↗ 500mL	K-20 ppm	AccuSTD	6350-S	CT
	↓	↓	↓	+ 15mL Conc. HNO3	w/ DI		Baker	E26035	↓
				+ 50mL (1:1) HCl	↓		↓	2630-R	
7156-S	1/3/08	1/3/09	CCVH (ICAP)	5mL (6341-S) Ca	↗ 1000mL	Ca-50 ppm	AccuSTD	6341-S	CT
				5mL (6342-S) Cr	w/ DI	Cr-5		6342-S	
				1mL (6364-S) Fe		Fe-10		6364-S	
				5mL (6353-S) Na		Na-50		6353-S	
				1mL (6365-S) Pb		Pb-10 ↓		6365-S	
				+ 30mL Conc. HNO3			Baker	E26035	
				+ 100mL (1:1) HCl	↓		↓	2630-R	↓
7157-S	1/10/08	1/10/09	CCV (ICAP)	See prep sheet in metals	certificate	book	AccuSTD	–	CT
7158-S	1/10/08	1/10/09	CRI (PQL) (100X ICAP)	See prep sheet in metals	certificate	book	AccuSTD	–	CT

Reviewed By: _____

Date: _____

Life Science Laboratories, Inc. Trace Metals Section Standards Prep Logbook

Standard Number	Date Prepared and/or Received	Date Expires	Title of Solution	Weight and/or Volume	Final Volume	Final concentration	Manufacturer	Lot # and/or Standard #	Prepared by
7159-S	1/10/08	1/10/09	CRI (PQL) (ICAP)	2 mL (7158-S) + 6 mL Conc. HNO_3 + 20 mL (1:1) HCl	↗ 200 mL w/ DI	See # 7158-S	AccuSTD ↓ Baker	7158-S E26035 ↓ 2630-R	CT ↓
7160-S	1/15/08	2/15/08	TCLP Hg SPK SOLN	2.5 mL (5487-S) + 5 ml conc HNO_3	↗ 50 ml w/ DI	1 ppm	ABSOLUTE	5487-S	DR
7161-S	1/16/08	1/16/08	Hg - 50 ppb (Working STD)	0.5 mL (6037-S) + 4 mL Conc. HNO_3	↗ 200 mL w/ DI	50 ppb	AccuSTD Baker	6037-S E26035	CT
7162-S	1/16/08	1/16/08	Hg - 50 ppb (REF STD)	0.5 ml (5487-S) + 4 mL Conc. HNO_3	↓	50 ppb	Absolute Baker	5487-S E26035	↓
7163-S	1/16/08	1/16/08	ICB / CCB	0.5 mL Conc. HNO_3	↓	—	Baker	E26035	
7164-S	1/16/08	1/16/08	Hg Cal Curve (WATER)	0.0 mL (7161-S)	↗ 50 mL w/ DI	0.0 ppb	AccuSTD	7161-S	CT
	↓	↓	↓	0.2	↓	0.2	↓	↓	↓
				0.5		0.5			
				1.0		1.0			
				2.0		2.0			
				5.0		5.0			
				10.0		10.0			
7165-S	1/16/08	1/16/08	ICV (Hg)	4.0 mL (7162-S)	↗ 50 mL w/ DI	4.0 ppb	Absolute	7162-S	CT
7166-S	↓	↓	CRA (Hg)	0.2 mL (7161-S)	↓	0.2 ppb	AccuSTD	7161-S	↓
7167-S			CCV (Hg)	2.0 mL (7161-S)		2.0 ppb	↓	↓	

Reviewed By: _____

Date: _____

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Multielement Standard Preparation

Name of Standard: STD3 Standard Number: 7153-S

Element	Manufacturer	Lot #	Std #	Initial Conc. (mg/L)	Final Volume (mL)	Volume Used (mL)	Final Conc. (mg/L)
Aluminum	AccuSTD	B5105043	6334-S	10,000	500	0.5	10
Antimony	AccuSTD	B5095031	6335-S	1,000	500	0.5	1
Arsenic	AccuSTD	B5115036	6336-S	1,000	500	0.5	1
Barium	AccuSTD	B5025074	6337-S	1,000	500	0.5	1
Beryllium	AccuSTD	B5115083	6338-S	1,000	500	0.5	1
Boron	AccuSTD	B6085025	6339-S	1,000	500	0.5	1
Cadmium	AccuSTD	B6115069	6340-S	1,000	500	0.5	1
Calcium	AccuSTD	B6065137	6341-S	10,000	500	1.0	20
Chromium	AccuSTD	B6065124	6342-S	1,000	500	0.5	1
Cobalt	AccuSTD	B6125064	6343-S	1,000	500	0.5	1
Copper	AccuSTD	B6095096	6360-S	1,000	500	0.5	1
Iron	AccuSTD	B6035048	6344-S	1,000	500	1.0	2
Lead	AccuSTD	B6075090	6345-S	1,000	500	0.5	1
Magnesium	AccuSTD	B5015118	6346-S	10,000	500	1.0	20
Manganese	AccuSTD	B6065026	6347-S	1,000	500	0.5	1
Molybdenum	AccuSTD	B6065081	6348-S	1,000	500	0.5	1
Nickel	AccuSTD	B4065040	6349-S	1,000	500	0.5	1
Selenium	AccuSTD	B6065129	6351-S	1,000	500	0.5	1
Silver	AccuSTD	B6125004	6446-S	500	500	0.5	0.5
Sodium	AccuSTD	B6025117	6353-S	10,000	500	1.0	20
Strontium	AccuSTD	B5035151	6354-S	1,000	500	0.5	1
Thallium	AccuSTD	B6055036	6355-S	1,000	500	0.5	1
Tin	AccuSTD	B6015089	6356-S	1,000	500	0.5	1
Titanium	AccuSTD	B5085113	6357-S	1,000	500	0.5	1
Vanadium	AccuSTD	B7025121	6358-S	1,000	500	0.5	1
Zinc	AccuSTD	B6015140	6359-S	1,000	500	0.5	1
HNO3	J T Baker	E26035	-	Conc.	500	15.0	3%
HCl	J T Baker	2630-R	-	1+1	500	50.0	5%

Comment:

Date Prepared: 1/3/08 Date Expires: 1/3/09

Prepared By: Cang Tran Reviewed By:

Multielement Standard Preparation

Name of Standard: CCV Standard Number: 7157-S

Element	Manufacturer	Lot #	Std #	Initial Conc. (mg/L)	Final Volume (mL)	Volume Used (mL)	Final Conc. (mg/L)
Aluminum	AccuSTD	B5105043	6334-S	10,000	1,000	0.5	5
Antimony	AccuSTD	B5095031	6335-S	1,000	1,000	0.5	0.5
Arsenic	AccuSTD	B5115036	6336-S	1,000	1,000	0.5	0.5
Barium	AccuSTD	B5025074	6337-S	1,000	1,000	0.5	0.5
Beryllium	AccuSTD	B5115083	6338-S	1,000	1,000	0.5	0.5
Boron	AccuSTD	B6085025	6339-S	1,000	1,000	0.5	0.5
Cadmium	AccuSTD	B6115069	6340-S	1,000	1,000	0.5	0.5
Calcium	AccuSTD	B6065137	6341-S	10,000	1,000	1.0	10
Chromium	AccuSTD	B6065124	6342-S	1,000	1,000	0.5	0.5
Cobalt	AccuSTD	B6125064	6343-S	1,000	1,000	0.5	0.5
Copper	AccuSTD	B6095096	6360-S	1,000	1,000	0.5	0.5
Iron	AccuSTD	B6035048	6344-S	1,000	1,000	1.0	1
Lead	AccuSTD	B6075090	6345-S	1,000	1,000	0.5	0.5
Magnesium	AccuSTD	B5015118	6346-S	10,000	1,000	1.0	10
Manganese	AccuSTD	B6065026	6347-S	1,000	1,000	0.5	0.5
Molybdenum	AccuSTD	B6065081	6348-S	1,000	1,000	0.5	0.5
Nickel	AccuSTD	B4065040	6349-S	1,000	1,000	0.5	0.5
Potassium	AccuSTD	B5075123	6350-S	10,000	1,000	1.0	10
Selenium	AccuSTD	B6065129	6351-S	1,000	1,000	0.5	0.5
Silver	AccuSTD	B6125004	6446-S	500	1,000	0.5	0.25
Sodium	AccuSTD	B6025117	6353-S	10,000	1,000	1.0	10
Strontium	AccuSTD	B5035151	6354-S	1,000	1,000	0.5	0.5
Thallium	AccuSTD	B6055036	6355-S	1,000	1,000	0.5	0.5
Tin	AccuSTD	B6015089	6356-S	1,000	1,000	0.5	0.5
Titanium	AccuSTD	B5085113	6357-S	1,000	1,000	0.5	0.5
Vanadium	AccuSTD	B7025121	6358-S	1,000	1,000	0.5	0.5
Zinc	AccuSTD	B6015140	6359-S	1,000	1,000	0.5	0.5
HNO3	J T Baker	E26035	-	Conc.	1,000	30.0	3%
HCl	J T Baker	2630-R	-	1+1	1,000	100.0	5%

Comment:

Date Prepared: 1/10/08 Date Expires: 1/10/09

Prepared By: Cang Tran Reviewed By:

Multielement Standard Preparation

Name of Standard: CRI(PQL) 100X Standard Number: 7158-S

Element	Manufacturer	Lot #	Std #	Initial Conc. (mg/L)	Final Volume (mL)	Volume Used (mL)	Final Conc. (mg/L)
Aluminum	AccuSTD	B5105043	6334-S	10,000	100	0.1	10
Antimony	AccuSTD	B5095031	6335-S	1,000	100	0.6	6
Arsenic	AccuSTD	B5115036	6336-S	1,000	100	0.1	1
Barium	AccuSTD	B5025074	6337-S	1,000	100	1.0	10
Beryllium	AccuSTD	B5115083	6338-S	1,000	100	0.1	1
Boron	AccuSTD	B6085025	6339-S	1,000	100	0.5	5
Cadmium	AccuSTD	B6115069	6340-S	1,000	100	0.1	1
Calcium	AccuSTD	B6065137	6341-S	10,000	100	1.0	100
Chromium	AccuSTD	B6065124	6342-S	1,000	100	0.1	1
Cobalt	AccuSTD	B6125064	6343-S	1,000	100	0.5	5
Copper	AccuSTD	B6095096	6360-S	1,000	100	0.1	1
Iron	AccuSTD	B6035048	6344-S	1,000	100	0.5	5
Lead	AccuSTD	B6075090	6345-S	1,000	100	0.1	1
Magnesium	AccuSTD	B5015118	6346-S	10,000	100	1.0	100
Manganese	AccuSTD	B6065026	6347-S	1,000	100	0.5	5
Molybdenum	AccuSTD	B6065081	6348-S	1,000	100	0.5	5
Nickel	AccuSTD	B4065040	6349-S	1,000	100	0.5	5
Potassium	AccuSTD	B5075123	6350-S	10,000	100	5.0	500
Selenium	AccuSTD	B6065129	6351-S	1,000	100	0.1	1
Silver	AccuSTD	B6125004	6446-S	500	100	0.2	1
Sodium	AccuSTD	B6025117	6353-S	10,000	100	1.0	100
Strontium	AccuSTD	B5035151	6354-S	1,000	100	0.5	5
Thallium	AccuSTD	B6055036	6355-S	1,000	100	0.2	2
Tin	AccuSTD	B6015089	6356-S	1,000	100	0.5	5
Titanium	AccuSTD	B5085113	6357-S	1,000	100	0.5	5
Vanadium	AccuSTD	B7025121	6358-S	1,000	100	0.5	5
Zinc	AccuSTD	B6015140	6359-S	1,000	100	0.2	2
HNO3	J T Baker	E26035	-	Conc.	100	6.0	6%

Comment:

Date Prepared: 1/10/08 Date Expires: 1/10/09

Prepared By: Cang Tran Reviewed By:

P.O. Box 41727
Charleston, SC 29423
TEL: (843) 767-7900
FAX: (843) 767-7906

7186-5
Received - 1/28/08
Opened - 1/28/08
Expire - 1/2/09

HIGH-PURITY STANDARDS

CAT.NO. ICP-SSWS-M

Certificate of Analysis

Multi-Element Spiking Solution 1 for Water and Soil Samples-Modified

Lot # 0731305

Source	Source Purity	Matrix	Standard Concentration
High Purity Metals, Salts or Oxides	99.99+%	HNO_3, 2% + Tr HF	µg/mL ± 0.5% See element list on reverse

This spectrometric standard solution has been prepared from high-purity reference materials. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water. The reference materials have been assayed by inductively coupled plasma optical emission spectrometry (ICP-OES).

The standard has been prepared gravimetrically by weighing the reference material to 5 significant figures. Volumetric glassware has been calibrated gravimetrically to 5 significant figures. The standard concentration has been verified by ICP-OES against an independent source which is directly traceable to National Institute of Standards and Technology, Standard Reference Material No. 3100 series.

This standard is valid for one year from the shipping date provided the solution is kept tightly capped and stored under normal laboratory conditions.

Theodore C. Rains

Theodore C. Rains, Ph.D.
President

Exp Date: JAN 0 2 2009
MSDS ATTACHED

www.highpuritystandards.com

Multi-Element Spiking Solution 1 for Water and Soil Samples-Modified

Element List

(µg/mL)

Aluminum	200
Antimony	50
Arsenic	4
Barium	200
Beryllium	5
Cadmium	5
Chromium	20
Cobalt	50
Copper	25
Iron	100
Lead	2
Manganese	50
Nickel	50
Selenium	1
Silver	5
Thallium	5
Vanadium	50
Zinc	50

HIGH-PURITY STANDARDS

P.O. Box 41727
Charleston, SC 29423
TEL: (843) 767-7900
FAX: (843) 767-7906

7187-5
Received - 1/28/08
Opened - 1/28/08
Expire - 1/2/09

CAT. NO. CRDL

Certificate of Analysis

CRDL Detection Limit Standard

Lot # 0701208

Source	Source Purity	Matrix	Standard Concentration
High Purity Metals, Salts or Oxides	99.99+%	HNO_3, 2% + Tr HF	µg/mL ± 0.5% See element list on reverse

This spectrometric standard solution has been prepared from high-purity reference materials. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water. The reference materials have been assayed by inductively coupled plasma optical emission spectrometry (ICP-OES).

The standard has been prepared gravimetrically by weighing the reference material to 5 significant figures. Volumetric glassware has been calibrated gravimetrically to 5 significant figures. The standard concentration has been verified by ICP-OES against an independent source which is directly to National Institute of Standards and Technology, Standard Reference Material No. 3100 series.

This standard is valid for one year from the shipping date provided the solution is kept tightly capped and stored under normal laboratory conditions.

Theodore C. Rains

Theodore C. Rains, Ph.D.
President

Exp Date: JAN 0 2 2009
MSDS ATTACHED

CRDL Detection Limit Standard

Element List

(µg/mL)

Antimony	120
Arsenic	20
Beryllium	10
Cadmium	10
Chromium	20
Cobalt	100
Copper	50
Lead	6
Manganese	30
Nickel	80
Selenium	10
Silver	20
Thallium	20
Vanadium	100
Zinc	40

Life Science Laboratories, Inc. Trace Metals Section Standards Prep Logbook

Standard Number	Date Prepared and/or Received	Date Expires	Title of Solution	Weight and/or Volume	Final Volume	Final concentration	Manufacturer	Lot # and/or Standard #	Prepared by
7179-S	1/24/08	1/24/08	Hg - 50 ppb (REF STD)	0.5 mL (5487-S) + 4 mL Conc. HNO_3	↗ 200 mL w/ DI	50 ppb	Absolute / Baker	5487-S / E26035	CT
7180-S	1/24/08	1/24/08	ICB / CCB	0.5mL Conc. HNO_3	↓	—	Baker	E26035	↓
7181-S	1/24/08	1/24/08	Hg Cal Curve (WATER)	0.0 mL (7178-S)	↗ 50 mL w/ DI	0.0 ppb	AccuSTD	7178-S	CT
	↓	↓	↓	0.2	↓	0.2	↓	↓	↓
				0.5		0.5			
				1.0		1.0			
				2.0		2.0			
				5.0		5.0			
				10.0		10.0			
7182-S	1/24/08	1/24/08	ICV (Hg)	4.0 mL (7179-S)	↗ 50 mL w/ DI	4.0 ppb	Absolute	7179-S	CT
7183-S			CRA (Hg)	0.2 mL (7178-S)		0.2 ppb	AccuSTD	7178-S	
7184-S			CCV (Hg)	2.0 mL (7178-S)		2.0 ppb			
7185-S	↓	↓	CCV (Hg)	2.0 mL (7178-S)	↓	2.0 ppb	↓	↓	↓
7186-S	1/28/08	1/2/09	CLP spike	Stock, Received 100 mL	100 mL	See # 7186-S	High Purity	0731305	CT
7187-S	1/28/08	1/2/09	CRDL	↓	↓	7187-S	↓	0701208	↓

Reviewed By: _____

Date: _____

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Life Science Laboratories, Inc. Trace Metals Section Standards Prep Logbook

Standard Number	Date Prepared and/or Received	Date Expires	Title of Solution	Weight and/or Volume	Final Volume	Final concentration	Manufacturer	Lot # and/or Standard #	Prepared by
7308-5	3/24/08	3/24/08	Hg - 50 ppb (working STD)	0.5mL (7281-5) + 4mL Conc HNO3	↗ 200mL w/ DI	50 ppb	AccuSTD	7281-5	CT
							Baker	E27027	
7309-5			Hg - 50 ppb (REF STD)	0.5mL (7282-5) + 4mL Conc. HNO3		50 ppb	Absolute	7282-5	CT
							Baker	E27027	
7310-5			ICB/CCB	0.5mL Conc. HNO3		—	Baker	E27027	CT
7311-5	3/24/08	3/24/08	Hg Cal Curve (WATER)	0.0mL (7308-5)	↗ 50mL w/ DI	0.0 ppb	AccuSTD	7308-5	CT
				0.2mL		0.2			
				0.5mL		0.5			
				1.0mL		1.0			
				2.0mL		2.0			
				5.0mL		5.0			
				10.0mL		10.0			
7312-5	3/24/08	3/24/08	ICV (Hg)	4.0mL (7309-5)	↗ 50mL w/ DI	4.0 ppb	Absolute	7309-5	CT
7313-5			CRA (Hg)	0.2mL (7308-5)		0.2	AccuSTD	7308-5	
7314-5			CCV (Hg)	2.0mL		2.0			
7315-5	3/25/08	3/25/09	Low Level Cal STD - Soil 100X	See prep sheet in metals certificate book			AccuSTD	—	CT
7316-5	3/25/08	3/25/09	Low Level Cal STD - W 100X					—	CT
7317-5	3/25/08	3/25/09	Low level Cal STD - S (1X)	1mL (7315-5) + 3mL Conc HNO3 + 10mL (1:1) HCl	↗ 100mL w/ DI	See # 7315-5	AccuSTD Baker	7315-5 E27027 2630-8	CT

Reviewed By: _____

Date: _____

Multielement Standard Preparation

Name of Standard: LOW LEVEL CAL STD - S (100X) Standard Number: 7315-S

Element	Manufacturer	Lot #	Std #	Initial Conc. (mg/L)	Final Volume (mL)	Volume Used (mL)	Final Conc. (mg/L)
Aluminum	AccuSTD	B5105043	6334-S	10,000	100	0.20	20
Antimony	AccuSTD	B5095031	6335-S	1,000	100	1.00	10
Arsenic	AccuSTD	B5115036	6336-S	1,000	100	0.50	5
Barium	AccuSTD	B5025074	6337-S	1,000	100	0.10	1
Beryllium	AccuSTD	B5115083	6338-S	1,000	100	0.10	1
Cadmium	AccuSTD	B6115069	6448-S	100	100	0.50	0.5
Calcium	AccuSTD	B6065137	6341-S	10,000	100	1.00	100
Chromium	AccuSTD	B6065124	6342-S	1,000	100	0.10	1
Cobalt	AccuSTD	B6125064	6343-S	1,000	100	0.10	1
Copper	AccuSTD	B6095096	6360-S	1,000	100	0.20	2
Iron	AccuSTD	B6035048	6344-S	1,000	100	0.30	3
Lead	AccuSTD	B6075090	6345-S	1,000	100	0.30	3
Magnesium	AccuSTD	B5015118	6346-S	10,000	100	1.00	100
Manganese	AccuSTD	B6065026	6347-S	1,000	100	0.10	1
Molybdenum	AccuSTD	B6065081	6348-S	1,000	100	0.30	3
Nickel	AccuSTD	B4065040	6349-S	1,000	100	0.20	2
Potassium	AccuSTD	B5075123	6350-S	10,000	100	2.00	200
Selenium	AccuSTD	B6065129	6351-S	1,000	100	0.30	3
Silver	AccuSTD	B6125004	6446-S	500	100	0.20	1
Sodium	AccuSTD	B6025117	6353-S	10,000	100	1.00	100
Thallium	AccuSTD	B6055036	6355-S	1,000	100	0.60	6
Vanadium	AccuSTD	B7025121	6358-S	1,000	100	0.10	1
Zinc	AccuSTD	B6015140	6359-S	1,000	100	0.20	2
HNO3	J T Baker	E27027	-	Conc.	100	6.0	6%

Comment:

Date Prepared: 3/25/08 Date Expires: 3/25/09

Prepared By: Cang Tran Reviewed By: M Tashrudi

Multielement Standard Preparation

Name of Standard: LOW LEVEL CAL STD - W (100X) Standard Number: 7316-S

Element	Manufacturer	Lot #	Std #	Initial Conc. (mg/L)	Final Volume (mL)	Volume Used (mL)	Final Conc. (mg/L)
Aluminum	AccuSTD	B5105043	6334-S	10,000	100	0.20	20
Antimony	AccuSTD	B5095031	6335-S	1,000	100	0.50	5
Arsenic	AccuSTD	B5115036	6336-S	1,000	100	0.30	3
Barium	AccuSTD	B5025074	6337-S	1,000	100	0.50	5
Beryllium	AccuSTD	B5115083	6447-S	100	100	0.40	0.4
Boron	AccuSTD	B6085025	6339-S	1,000	100	0.10	1
Cadmium	AccuSTD	B6115069	6448-S	100	100	0.50	0.5
Calcium	AccuSTD	B6065137	6341-S	10,000	100	1.10	110
Chromium	AccuSTD	B6065124	6342-S	1,000	100	0.10	1
Cobalt	AccuSTD	B6125064	6343-S	1,000	100	0.60	6
Copper	AccuSTD	B6095096	6360-S	1,000	100	0.10	1
Iron	AccuSTD	B6035048	6344-S	1,000	100	2.00	20
Lead	AccuSTD	B6075090	6449-S	100	100	2.50	2.5
Magnesium	AccuSTD	B5015118	6346-S	10,000	100	1.00	100
Manganese	AccuSTD	B6065026	6347-S	1,000	100	0.10	1
Molybdenum	AccuSTD	B6065081	6450-S	100	100	1.50	1.5
Nickel	AccuSTD	B4065040	6349-S	1,000	100	0.20	2
Potassium	AccuSTD	B5075123	6350-S	10,000	100	1.00	100
Selenium	AccuSTD	B6065129	6351-S	1,000	100	0.30	3
Silver	AccuSTD	B6125004	6446-S	500	100	0.20	1
Sodium	AccuSTD	B6025117	6353-S	10,000	100	1.00	100
Thallium	AccuSTD	B6055036	6355-S	1,000	100	0.80	8
Vanadium	AccuSTD	B7025121	6358-S	1,000	100	0.10	1
Zinc	AccuSTD	B6015140	6359-S	1,000	100	0.20	2
HNO3	J T Baker	E27027	-	Conc.	100	6.0	6%

Comment:

Date Prepared: 3/25/08 Date Expires: 3/25/09

Prepared By: Cang Tran Reviewed By: M Tashansi

Life Science Laboratories, Inc. Trace Metals Section Standards Prep Logbook

Standard Number	Date Prepared and/or Received	Date Expires	Title of Solution	Weight and/or Volume	Final Volume	Final concentration	Manufacturer	Lot # and/or Standard #	Prepared by
7318-S	3/25/08	3/25/09	Low Level Cal STD (1X)	1mL (7316-S) + 3mL Conc. HNO_3 + 10mL (1:1) HCl	↗ 100mL w/ DI	See # 7316-S	AccuSTD Baker ↓	7316-S E27027 2630-R	CT
7319-S	3/25/08 ↓	3/25/09 ↓	CRI (ONEIDA) 1000X	0.1mL (6340-S) Cd 0.5mL (6342-S) Cr 0.5mL (6360-S) Cu 1.0mL (6349-S) Ni 0.5mL (6336-S) As 0.5mL (6345-S) Pb 0.5mL (6351-S) Se 1.6mL (6359-S) Zn + 5mL Conc HNO_3	↗ 100mL w/ DI ↓	Cd-1 ppm Cr-5 Cu-5 Ni-10 As-5 Pb-5 Se-5 Zn-10 ↓	AccuSTD ↓ Baker	6340-S 6342-S 6360-S 6349-S 6336-S 6345-S 6351-S 6359-S E27027	CT ↓
7320-S	3/25/08	3/25/09	CRI (ONEIDA) 1X	0.1mL (7319-S) + 3mL Conc. HNO_3 + 10mL (1:1) HCl	↗ 100mL w/ DI	See # 7319-S	AccuSTD Baker ↓	7319-S E27027 2630-R	CT ↓
7321-S	3/25/08	1/2/09	CRI (ICAP)	0.1mL (7187-S) + 3mL Conc. HNO_3 + 10mL (1:1) HCl	↗ 100mL w/ DI	See # 7187-S	High Purity Baker ↓	7187-S E27027 2630-R	CT ↓
7322-S	3/25/08	3/25/08	Hg 50 ppb (REF S-19)	0.5mL (7282-S) + 4mL HNO_3	↗ 200mL w/ DI	50 ppb	ABSOLUTE BAKER	7282-S E27027	
7323-S	3/25/08 ↓	7/10/08 ↓	ICSAB	20mL (7017-S) 2mL (6768-S) + 2mL (7324-S) + 20mL (1:1) HCl + 6mL Conc. HNO_3	↗ 200mL w/ DI ↓	See # 7017-S 6768-S 7324-S	High Purity AccuSTD Baker ↓	7017-S 6768-S 7324-S 2630-R E27027	CT ↓

Reviewed By: _____

Date: _____

Life Science Laboratories, Inc. Trace Metals Section Standards Prep Logbook

Standard Number	Date Prepared and/or Received	Date Expires	Title of Solution	Weight and/or Volume	Final Volume	Final concentration	Manufacturer	Lot # and/or Standard #	Prepared by
7324-S	3/25/08	3/25/09	ICSB-2 (ICAP)	5.0mL (6339-S) B 5.0mL (6350-S) K 5.0mL (6348-S) Mo 1.0mL (6353-S) Na 5.0mL (6356-S) Sn 5.0mL (6354-S) Sr 5.0mL (6357-S) Ti +3mL Conc. HNO_3 +10mL (1:1) HCl	↗ 100mL w/ DI	AccuSTD	B-50 ppm K-100 Mo-50 Na-100 Sn-50 Sr-50 Ti-50 Baker	6339-S 6350-S 6348-S 6353-S 6356-S 6354-S 6357-S E27027 2630-R	CT
7325-S	3/25/08	11/2/08	ICSA (ICAP)	20mL (7017-S) +20mL (1:1) HCl +6mL Conc. HNO_3	↗ 200mL w/ DI	See #7017-S	High Purity Baker	7017-S 2630-R E27027	CT
7326-S	3/27/08	3/27/08	50 ppb Hg (working STD)	0.5mL (7281-S) + 4mL Conc. HNO_3	↗ 200mL w/ DI	50 ppb	ACCUSTD BAKER	7281-S E27027	DR
7327-S	3/27/08	3/27/08	50 ppb Hg (REF Std)	0.5mL (7282-S) + 4mL Conc HNO_3	↗ 200mL w/ DI	50 ppb	ABSOLUTE BAKER	7282-S E27027	DR
7328-S	3/27/08	3/27/08	ICB/CCB	0.5mL Conc HNO_3	↗ 200mL w/ DI	—	BAKER	E27027	DR
7329-S ↓ 30-S	3/27/08	3/27/08	ICV-Hg Soil CRA CCV (SOIL)	4.0mL (7327-S) 0.5 mL (7326-S) per 3-27-08 2.0mL	50mL w/ DI	4.0 ppb 0.2 2.0	ABSOLUTE ACCUSTD	(7327-S) (7326-S)	DR

Reviewed By: _____

Date: _____

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HIGH-PURITY STANDARDS

Certificate of Analysis

SM-108-001 (Spike)
Solution A
Lot # 0819603

7556-5

Received - 7/15/08
Opened - 7/15/08
Expire - 7/14/09

Source	Source Purity	Matrix	Standard Concentration
High Purity Metals, Salts or Oxides	99.95+%	HNO_3, 2%	µg/mL ± 0.5% See element list on reverse

This spectrometric standard solution has been prepared from high-purity reference materials. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water. The reference materials have been assayed by inductively coupled plasma optical emission spectrometry (ICP-OES).

The standard has been prepared gravimetrically by weighing the reference material to 5 significant figures. Volumetric glassware has been calibrated gravimetrically to 5 significant figures. The standard concentration has been verified by ICP-OES against an independent source which is directly traceable to National Institute of Standards and Technology, Standard Reference Material No. 3100 series.

This standard is valid for one year from the shipping date provided the solution is kept tightly capped and stored under normal laboratory conditions.

Theodore C. Rains

Exp Date: JUL 1 4 2009
MSDS ATTACHED

Theodore C. Rains, Ph.D.
President

7556-5

Received - 7/15/08
Opened - 7/15/08
Expire - 7/14/09

SM-108-001 (SPIKE)

Solution A

Element List

(µg/mL)

Aluminum	100
Arsenic	20
Barium	20
Beryllium	20
Boron	50
Cadmium	20
Calcium	1000
Chromium	20
Cobalt	20
Copper	20
Iron	100
Lead	20
Magnesium	1000
Manganese	20
Nickel	20
Potassium	1000
Selenium	20
Sodium	1000
Strontium	20
Thallium	20
Vanadium	20
Zinc	20

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Certificate of Analysis

7557-5

SM-108-001 (SPIKE)

Received - 7/15/08
Opened - 7/15/08
Expire - 7/14/09

Solution B

Lot # 0819604

Source	Source Purity	Matrix	Standard Concentration
High Purity Metals Salts or Oxides	99.996+%	HNO_3, 2% + Tr HF	µg/mL ± 0.5%

Antimony	20
Molybdenum	20
Silver	5
Tin	20
Titanium	20

This spectrometric standard solution has been prepared from high-purity reference materials. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water. The reference materials have been assayed by inductively coupled plasma optical emission spectrometry (ICP-OES).

The standard has been prepared gravimetrically by weighing the reference material to 5 significant figures. Volumetric glassware has been calibrated gravimetrically to 5 significant figures. The standard concentration has been verified by ICP-OES against an independent source which is directly traceable to National Institute of Standards and Technology, Standard Reference Material No. 3100 series.

This standard is valid for one year from the shipping date provided the solution is kept tightly capped and stored under normal laboratory conditions.

Theodore C Rains

Theodore C. Rains, Ph.D.
President

Exp Date: JUL 1 4 2009
MSDS ATTACHED

Life Science Laboratories, Inc. Trace Metals Section Standards Prep Logbook

Standard Number	Date Prepared and/or Received	Date Expires	Title of Solution	Weight and/or Volume	Final Volume	Final concentration	Manufacturer	Lot # and/or Standard #	Prepared by
DR 7.15.08 7544-S 7545-S	7.8.08	7.8.08	ICV Hg	4.0 mL (7538-S)	? 50 mL w/ DI	4.0 ppb	ABSOLUTE	(7538-S)	DR
7545-S	7/9/08	7/24/08	ICV (ICAP)	2 mL (6796-S)	↗ 200mL w/ DI	See # 6796-S 6797-S	High Purity Baker	6796-S 6797-S E27027	CT
	↓	↓	↓	2mL (6797-S) 6mL conc HNO3 20mL (1:1) HCl	↓	↓	↓	2630-R	↓
DR 7.15.08 7546-S 7547-S	7/15/08	7/15/08	Hg CAL 50 ppb (working STD)	0.5mL (7281-S) + 4mL conc HNO3	↗ 200 mL DR 7.15.08 w/ DI	50 ppb	Accustd BAKER	(7281-S) E27027	DR
7547-S	7/15/08	7/15/08	Hg REF 50 ppb (REF STD)	0.5mL (7281-S) + 4mL conc HNO3	↗ 200mL w/ DI	50 ppb	ABSOLUTE BAKER	(7282-S) E27027	DR
7548-S	7/15/08	7/15/08	ICB/CCB	0.5mL (7282-S) + 4mL conc HNO3 DR 7.15.08	↗ 200 ml w/ DI	–	BAKER	E27027	DR
7549-S	7/15/08	7/15/08	Hg - 50 ppb (Working STD)	0.5mL (7281-S) + 4mL conc. HNO3	↗ 200mL w/ DI	50 ppb	AccuSTD	7281-S	CT
7550-S	7/15/08	7/15/08	Hg - 50 ppb REF STD	0.5mL (7282-S) + 4mL conc. HNO3	↓	50 ppb	Baker Absolute	E27027 7282-S	↓
7551-S	7/15/08	7/15/08	ICB/CCB	0.5mL conc. HNO3	↓	–	Baker Baker	E27027 E27027	↓
7552-S	7/15/08	7/15/08	ICV (Hg)	4.0mL (7550-S)	↗ 50mL w/ DI	4 ppb	Absolute	7550-S	CT
7553-S	7/15/08	7/15/08	CRA (Hg)	0.2mL (7549-S)	↓	0.2 ppb	AccuSTD	7549-S	↓
7554-S	7/15/08	7/15/08	CCV (Hg)	2.0mL (7549-S)	↓	2 ppb	↓	↓	↓

Reviewed By: _____

Date: _____

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Life Science Laboratories, Inc. Trace Metals Section Standards Prep Logbook

Standard Number	Date Prepared and/or Received	Date Expires	Title of Solution	Weight and/or Volume	Final Volume	Final concentration	Manufacturer	Lot # and/or Standard #	Prepared by
7555-S	7/15/08	7/15/08	Hg Cal Curve (5pt)	0.0 mL (7549-S)	↑ 50mL	0.0 ppb	AccuSTD	7549-S	CT
				0.2	w/ DI	0.2			
				0.5		0.5			
				1.0		1.0			
				2.0		2.0			
				5.0		5.0			
				10.0		10.0			
7556-S	7/15/08	7/14/09	QC spike Solution A	Stock, Received 500mL	500 mL	See # 7556-S	High Purity	0819603	CT
7557-S	7/15/08	7/14/09	QC spike Solution B			7557-S		0819604	
7557-S	7/15/08	7/14/09	ICV (ICAP)	2mL (7556-S)	↑ 200mL	See #	High	7556-S	CT
				2mL (7557-S)	w/ DI	7557-S	Purity	7557-S	
				6mL Conc. HNO_3		7556-S	Baker	E27027	
				20mL (1:1) HCl				2630-R	

CT 7/15/08

Reviewed By: _____

Date: _____

7573-S
Received - 7/23/08
Opened - 7/23/08
Expire - 7/18/09

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HIGH-PURITY STANDARDS

CAT. NO. ANALCS-R

Certificate of Analysis

CLP Analyte Standard-Revised

Lot # 0728327

Source	Source Purity	Matrix	Standard Concentration
High Purity Metals, Salts or Oxides	99.99+%	HNO_3, 2% + Tr HF	µg/mL ± 0.5% See element list on reverse

This spectrometric standard solution has been prepared from high-purity reference materials. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water. The reference materials have been assayed by inductively coupled plasma optical emission spectrometry (ICP-OES).

The standard has been prepared gravimetrically by weighing the reference material to 5 significant figures. Volumetric glassware has been calibrated gravimetrically to 5 significant figures. The standard concentration has been verified by ICP-OES against an independent source which is directly traceable to National Institute of Standards and Technology, Standard Reference Material No. 3100 series.

This standard is valid for one year from the shipping date provided the solution is kept tightly capped and stored under normal laboratory conditions.

Theodore C. Rains

Theodore C. Rains, Ph.D.
President

Exp Date: JUL 18 2009

MSDS ATTACHED

CLP Analyte Standard-Revised

Element List

(µg/mL)

Antimony	60
Arsenic	10
Barium	50
Beryllium	50
Cadmium	100
Chromium	50
Copper	50
Cobalt	50
Lead	5
Manganese	50
Nickel	100
Selenium	5
Silver	20
Thallium	10
Vanadium	50
Zinc	100

7573-5

Received - 7/23/08
Opened - 7/23/08
Expire - 7/18/09

Life Science Laboratories, Inc. Trace Metals Section Standards Prep Logbook

Standard Number	Date Prepared and/or Received	Date Expires	Title of Solution	Weight and/or Volume	Final Volume	Final concentration	Manufacturer	Lot # and/or Standard #	Prepared by
7570-5	7/21/08	7/21/08	ICV (Hg)	4.0 mL (7567-5)	↗ 50mL (w/ DI	4.0 ppb	Absolute	7567-5	CT
7571-5	↓	↓	CRA (Hg)	0.2 mL (7566-5)	↓	0.2 ppb	AccuSTD	7566-5	↓
7572-5			CCV (Hg)	2.0 mL (7566-5)		2.0 ppb	↓	↓	
7573-5	7/23/08	7/18/09	ICSB 1	Stock, Received 100 mL	100 mL	See # 7573-5	High Purity	0728327	CT
7574-5	7/23/08	11/2/08	ICSAB	20mL (7017-5)	↗ 200mL	See #	High Purity	7017-5	CT
	↓	↓	(ICMP)	2mL (7324-5)	w/ DI	7017-5	AccuSTD	7324-5	
			↓	2 mL (7573-5)	↓	7324-5	High Purity	7573-5	
				+ 20mL (1:1) HCl		7573-5	Baker	2630-R	
				+ 6mL Conc. HNO3			↓	E27027	↓

Reviewed By: _____

Date: _____

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HIGH-PURITY STANDARDS

Certificate of Analysis

7658-5

Product Description:

Name:	CLP Interference Check Standard 1
Part number:	**CLP-INF-1**
Lot number:	**0805302**
Matrix:	5% HNO_3
Purity:	99.98% - 99.999%

Received - 9/16/08
Opened - 9/16/08
Expire - 9/10/09

Certified Values:

Element	(µg/mL)	Element	(µg/mL)	Element	(µg/mL)	Element	(µg/mL)
Al	5000 ± 25	Ca	5000 ± 25	Fe	2000 ± 10	Mg	5000 ± 25

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval.

Preparation Information:

The highest purity source materials were purchased from qualified vendors per ISO 9001:2000 guidelines and assayed by ICP-OES for conformity prior to use. This standard was prepared using methods developed at NIST for the preparation of SRM Spectrometric Standard Solutions. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

a. **Analytical Balance Calibration**: All balances are calibrated weekly by and in-house method using NBS weights Inventory No 20231A. The balances are calibrated yearly and the calibration weights are checked biennially by a qualified metrology company with weights traceable to the primary standards developed by NIST.

b. **Volumetric Device Calibration**: The calibration of all volumetric vessels is checked using the NBS 602 method where all vessels are weighed to five significant figures.

c. **Calibration Standards**: The Calibration Standards are directly traceable to SRM 3100 Series Spectrometric Standard Solutions. The traceability of this standard to NIST is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. A "second source standard" is used when a NIST SRM is not available.

Packaging and Storage Conditions:

The standard solution is guaranteed to be valid for twelve months from the shipping date, provided the solution is kept tightly capped and stored under normal laboratory conditions.

Expiration Information:

Preparation Date: February 21, 2008

Shipped Date: SEP 10 2008

Expiration Date: SEP 10 2009

7658-5
Received - 9/16/08
Opened - 9/16/08
Expire - 9/16/09

Andrew P. Burke, PhD., Inorganic Laboratory Manager

Amy Adams, Quality Manager

Theodore Rains, PhD., President

February 22, 2008

Certificate Issue Date

NOTICE: HPS products are intended for laboratory use only. All products should be handled and used by trained professional personnel. The responsibility for the safe handling and use of these products rests solely with the buyer and/or user. The data and information as stated was furnished by the manufacturer of the product. The information provided in this certificate pertains only to the lot number specified. None of the information provided in this certificate may be used, reproduced or transmitted in any form or by any means without written approval from High Purity Standards.

Life Science Laboratories, Inc. Trace Metals Section Standards Prep Logbook

Standard Number	Date Prepared and/or Received	Date Expires	Title of Solution	Weight and/or Volume	Final Volume	Final concentration	Manufacturer	Lot # and/or Standard #	Prepared by
7634-S ↓ 55-S	9.9.08 ↓	9.9.08 ↓	CCV Hg WATER	2.0 mL (7645-S)	↑ 50mL w/DI	2.0 ppb	Accustd	7645-S	DR
7646-S	9.9.08	9.9.08	ICV Hg (WATER	4.0 mL (7646-S)	↑ 50mL w/DI	4.0 ppb	ABSOLUTE	7646-S	DR
7657-S	9.16.08	10.16.08	TCLP Hg SPK SOLN	2.5mL (7282-S) + 5mL conc HNO3	↑ 50mL w/DI	1 mg/L	ABSOLUTE BAKER	7282-S E17027	DR
7658-S	9/16/08	9/10/09	ICSA	Stock, Received 250ml	250 mL	See # 7658-S	High Purity	08052302	CT

Reviewed
By: _____

Date: _____

Life Science Laboratories, Inc. Trace Metals Section Standards Prep Logbook

Standard Number	Date Prepared and/or Received	Date Expires	Title of Solution	Weight and/or Volume	Final Volume	Final concentration	Manufacturer	Lot # and/or Standard #	Prepared by
7696-S	10-1-08	10-1-08	Hg CAL STD's (WATER	0.0 mL (7688-S) 0.2 0.5 1.0 2.0 5.0 10.0	↑ 50 mL w/ DI	0.0 ppb 0.2 0.5 1.0 2.0 5.0 10.	Accustd	(7688-S)	DA
7697-S	10-1-08	10-1-08	ICV Hg (WATER)	4.0 mL (7689-S)	↑ 50mL w/DI	4.0 ppb	ABSOLUTE	(7689-S)	DA
7698-S 7699-S	10-1-08 ↓	10-1-08 ↓	CCV Hg ↓ (WATER)	2.0 mL (7688-S) ↓	↑ 50 mL w/ DI	2.0 ppb ↳	Accustd ↓	(7688-S) ↓	DA
7700-S	10-1-08	10-1-08	CRA Hg (WATER)	0.2 mL (7688-S)	↑ 50mL w/ DI	0.2 ppb	Accustd	7688-S	DA
7701-S	10/7/08	9/10/09	ICSA	20mL (7658-S) + 20mL (1:1) HCl + 6mL Conc. HNO3	↑ 200mL w/ DI	Sol # 7658-S	High Purity Baker ↓	7658-S 2630-R E27027	CT
7702-S	10/7/08	3/25/09	ICSAB	20mL (7658-S) 2mL (7324-S) 2mL (7573-S) + 20mL (1:1) HCl + 6mL Conc. HNO3		Sol # 7658-S 7324-S 7573-S	High Purity AccuSTD High Purity Baker ↓	7658-S 7324-S 7573-S 2630-R E27027	

Reviewed By: _____

Date: _____

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Life Science Laboratories, Inc.-BL **Trace Metals Section** **Standards Prep Logbook #**

Standard Number	Date Prepared / Received	Date Expire	Title of Solution	Weights/ Volumes	Final Volume (mL)	Final concentration	Manufacturer	Lot # / Standard #	Prepared by
7802-S	12/15/08	12/15/08	Hg-50 ppb (working STD)	0.5 mL (7281-S) 10 mL Conc. HNO3	↗ 200 mL w/ DI	50 ppb	AccuSTD	7281-S	CT
	↓	↓					Baker	G17027	
7803-S			Hg-50 ppb (REFSTD)	0.5mL (7282-S) 10 mL Conc. HNO3		50 ppb	Absolute	7282-S	CT
							Baker	G17027	↓
7804-S			ICB/CCB	0.5mL Conc. HNO3		—	↓	↓	
7805-S	12/15/08	12/15/08	ICV (Hg)	4.0 mL (7803-S)	↗ 50mL w/ DI	4.0 ppb	Absolute	7803-S	CT
7806-S			CRA (Hg)	0.2 mL (7802-S)		0.2 ppb	AccuSTD	7802-S	
7807-S			CCV (Hg)	2.0 mL (7802-S)		2.0 ppb			
7808-S	12/15/08	12/15/08	Hg Cal Curve (WATER)	0.0 mL (7802-S)	↗ 50mL w/ DI	0.0 ppb	AccuSTD	7802-S	CT
				0.2		0.2			
				0.5		0.5			
				1.0		1.0			
				2.0		2.0			
				5.0		5.0			
				10.0		10.0			
7809-S	12/22/08	6/17/10	Ca-10,000 ppm	Stock, received 100 mL	100 mL	10,000 ppm	Environm	0802213	CT
7810-S			Mg-1000 ppm			1000	Express	0810603	
7811-S			Fe-1000 ppm			1000		0823503	
7812-S			Na-10,000 ppm			10,000		0819004	
7813-S			Pb-1000 ppm			1000		0812713	

Reviewed By:_____

Date:_____

Life Science Laboratories, Inc.-BL **Trace Metals Section** **Standards Prep Logbook #**

Standard Number	Date Prepared / Received	Date Expire	Title of Solution	Weights/ Volumes	Final Volume (mL)	Final concentration	Manufacturer	Lot # / Standard #	Prepared by
7814-5	12/22/08	12/22/09	ICVH (LCSA1)	1 mL (7809-5) Ca 1 mL (7810-5) Cr 2 mL (7811-5) Fe 1 mL (7812-5) Na 2 mL (7813-5) Pb + 6 mL Conc HNO3 + 20 mL (1:1) HCl	↗ 200 mL w/ DI	Ca - 50 ppm Cr - 10 Fe - 10 Na - 50 Pb - 10	E. Express Baker	7809-5 7810-5 7811-5 7812-5 7813-5 G44029 2630R	CT

Reviewed By:_____

Date:_____

ENVIRONMENTAL EXPRESS

Certificate of Analysis

7869-5

Product Description:

Name:	Calcium
Part number:	**HP10M9-1**
Lot number:	**0802213**
Source Material:	Calcium Carbonate
Material Purity:	99.999%
Matrix:	4% HNO_3

Received - 12/22/08
Opened - 12/22/08
Expire - 6/17/10

Certified Value: 10.00 mg/mL ± 0.03 mg/mL

The Certified value is based on gravimetric preparation, and verified against SRM 3109a (lot number 050825) developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry using an internal laboratory-developed method.. The uncertainty in the certified value is calculated for a 95% confidence interval.

Reference Values:

Density: 1.0487 g/mL @ 23.3°C

Trace Metal Impurity Scan Analysis by ICP-OES and ICP-MS: The approximate values found in the calcium standard solution at 1000 µg/mL are reported below in µg/L. M = Major element.

Ag	<0.02	Cu	<0.1	Li	<0.02	Rb	<0.02	Th	<0.02
Al	<0.1	Dy	<0.02	Lu	<0.02	Re	<0.02	Ti	<0.02
As	<0.05	Er	<0.02	Mg	<0.5	Rh	<0.02	Tl	<0.02
Au	<0.02	Eu	<0.02	Mn	<0.1	Ru	<0.02	Tm	<0.02
B	<1	Fe	<1	Mo	<0.02	Sb	<0.02	U	<0.1
Ba	<0.02	Ga	<0.02	Na	<5	Sc	<0.02	V	<0.05
Be	<0.02	Gd	<0.02	Nb	<0.02	Se	<0.1	W	<0.02
Bi	<0.02	Ge	<0.02	Nd	<0.02	Si	<1	Y	<0.02
Ca	M	Hf	<0.02	Ni	<0.02	Sm	<0.02	Yb	<0.02
Cd	<0.02	Ho	<0.02	Os	<0.02	Sn	<1	Zn	<0.1
Ce	<0.02	In	<0.02	Pb	<0.05	Sr	<10	Zr	<0.02
Co	<0.05	Ir	<0.02	Pd	<0.02	Ta	<0.02		
Cr	<0.1	K	<1	Pr	<0.02	Tb	<0.02		
Cs	<0.02	La	<0.02	Pt	<0.02	Te	<0.02		

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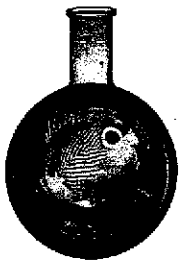

Preparation Information:

The highest purity source materials were purchased from qualified vendors per ISO 9001:2000 guidelines and assayed by ICP-OES for conformity prior to use. This standard was prepared using methods developed at National Institute of Standards and Technology for the preparation of SRM Spectrometric Standard Solutions. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

a. **Analytical Balance Calibration**: All balances are calibrated weekly by in-house method using NBS weights Inventory No 20231A. The balances are calibrated yearly and the calibration weights are checked biennially by a qualified metrology company with weights traceable to the primary standards developed by NIST.

b. **Volumetric Device Calibration**: The calibration of all volumetric vessels is checked using the NBS 602 method where all vessels are weighed to five significant figures.

c. **Calibration Standards**: The Calibration Standards are directly traceable to SRM 3100 Series Spectrometric Standard Solutions. The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. A "second source standard" is used when a NIST SRM is not available.

Packaging and Storage Conditions:

The standard is guaranteed to be valid for eighteen months from the shipping date, provided the solution is kept tightly capped and stored under normal laboratory conditions.

Expiration Information:

Preparation Date: January 22, 2008

Shipped Date: DEC 17 2008

Expiration Date: JUN 17 2010

7809-5

Received - 12/22/08
Opened - 12/22/08
Expire - 6/17/10

Andrew P. Burke, PhD., Inorganic Laboratory Manager

Amy Adams, Quality Manager

Theodore Rains, PhD., Laboratory Director

February 7, 2008

Certificate Issue Date

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ENVIRONMENTAL EXPRESS

Certificate of Analysis

7810-5

Received – 12/22/08
Opened – 12/22/08
Expire – 6/17/10

Product Description:

Name:	Chromium
Part number:	**HP100012-1**
Lot number:	**0810603**
Source Material:	Chromium Metal
Material Purity:	99.998%
Matrix:	2% HNO_3

Certified Value: 1000 µg/mL ± 3 µg/mL

The Certified value is based on gravimetric preparation, and verified against SRM 3112a (lot number 030730) developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry using an internal laboratory-developed method. The uncertainty in the certified value is calculated for a 95% confidence interval.

Reference Values:

Density: 1.0119 g/mL @ 23.3°C

Trace Metal Impurity Scan Analysis by ICP-OES and ICP-MS: The approximate values found in the chromium standard solution at 1000 µg/mL are reported below in µg/L. M = Major element.

Ag	<0.02	Cu	<0.1	Li	<0.02	Rb	<0.02	Th	<0.02
Al	<3	Dy	<0.02	Lu	<0.02	Re	<0.02	Ti	<0.02
As	<0.05	Er	<0.02	Mg	<3	Rh	<0.02	Tl	<0.02
Au	<0.02	Eu	<0.02	Mn	<0.1	Ru	<0.02	Tm	<0.02
B	<1	Fe	<5	Mo	<0.02	Sb	<0.02	U	<0.1
Ba	<0.02	Ga	<0.02	Na	<1	Sc	<0.02	V	<0.05
Be	<0.02	Gd	<0.02	Nb	<0.02	Se	<0.1	W	<0.02
Bi	<0.02	Ge	<0.02	Nd	<0.02	Si	<3	Y	<0.02
Ca	<5	Hf	<0.02	Ni	<0.02	Sm	<0.02	Yb	<0.02
Cd	<0.02	Ho	<0.02	Os	<0.02	Sn	<1	Zn	<0.1
Ce	<0.02	In	<0.02	Pb	<0.05	Sr	<0.02	Zr	<0.02
Co	<0.05	Ir	<0.02	Pd	<0.02	Ta	<0.02		
Cr	M	K	<1	Pr	<0.02	Tb	<0.02		
Cs	<0.02	La	<0.02	Pt	<0.02	Te	<0.02		

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Preparation Information:

The highest purity source materials were purchased from qualified vendors per ISO 9001:2000 guidelines and assayed by ICP-OES for conformity prior to use. This standard was prepared using methods developed at NIST for the preparation of SRM Spectrometric Standard Solutions. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties.

a. **Analytical Balance Calibration**: All balances are calibrated weekly by an in-house method using NBS weights Inventory No 20231A. The balances are calibrated yearly and the calibration weights are checked biennially by a qualified metrology company with weights traceable to the primary standards developed by NIST.

b. **Volumetric Device Calibration**: The calibration of all volumetric vessels is checked using the NBS 602 method where all vessels are weighed to five significant figures.

c. **Calibration Standards**: The Calibration Standard is directly traceable to SRM 3100 Series Spectrometric Standard Solutions.

Packaging and Storage Conditions:

The standard is guaranteed to be valid for eighteen months from the shipping date, provided the solution is kept tightly capped and stored under normal laboratory conditions.

Expiration Information:

Preparation Date: April 21, 2008

Shipped Date: DEC 17 2008

Expiration Date: JUN 17 2010

7810-5

Received - 12/22/08
Opened - 12/22/08
Expire - 6/17/10

Andrew P. Burke, PhD, Inorganic Laboratory Manager

Amy Adams, Quality Manager

Theodore Rains, PhD, Laboratory Director

April 29, 2008

Certificate Issue Date

NOTICE: HPS products are intended for laboratory use only. All products should be handled and used by trained professional personnel. The responsibility for the safe handling and use of these products rests solely with the buyer and/or user. The data and information as stated was furnished by the manufacturer of the product. The information provided in this certificate pertains only to the lot number specified. None of the information provided in this certificate may be used, reproduced or transmitted in any form or by any means without written approval from High Purity Standards.

ENVIRONMENTAL EXPRESS

Certificate of Analysis

7811-5

Received – 12/22/08
Opened – 12/22/08
Expire – 6/17/10

Product Description:

Name:	Iron
Part number:	**HP100026-1**
Lot number:	**0823503**
Source Material:	Iron Metal
Material Purity:	99.998%
Matrix:	2% HNO_3

Certified Value: 1000 µg/mL ± 3 µg/mL

The Certified value is based on gravimetric preparation, and verified against SRM 3126a (lot number 051031) developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory-developed method. The uncertainty in the certified value is calculated for a 95% confidence interval.

Reference Values:

Density: 1.0080 g/mL @ 23.2°C

Trace Metal Impurity Scan via ICP Analysis in µg/L: The typical values detected in the iron standard solution at 1000 µg/mL are listed below. The values are based upon the analysis results for the starting source material.

Ag	<0.02	Cu	<10	Li	<0.02	Rb	<0.02	Th	<0.02
Al	<0.1	Dy	<0.02	Lu	<0.02	Re	<0.02	Ti	<0.02
As	<0.05	Er	<0.02	Mg	<5	Rh	<0.02	Tl	<0.02
Au	<0.02	Eu	<0.02	Mn	<0.1	Ru	<0.02	Tm	<0.02
B	<1	Fe	M	Mo	<0.02	Sb	<0.02	U	<0.1
Ba	<0.02	Ga	<0.02	Na	<1	Sc	<0.02	V	<0.05
Be	<0.02	Gd	<0.02	Nb	<0.02	Se	<0.1	W	<0.02
Bi	<0.02	Ge	<0.02	Nd	<0.02	Si	<1	Y	<0.02
Ca	<5	Hf	<0.02	Ni	<10	Sm	<0.02	Yb	<0.02
Cd	<0.02	Ho	<0.02	Os	<0.02	Sn	<1	Zn	<0.1
Ce	<0.02	In	<0.02	Pb	<0.05	Sr	<0.02	Zr	<0.02
Co	<15	Ir	<0.02	Pd	<0.02	Ta	<0.02		
Cr	<0.1	K	<1	Pr	<0.02	Tb	<0.02		
Cs	<0.02	La	<0.02	Pt	<0.02	Te	<0.02		

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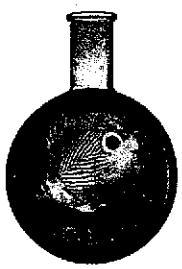

Preparation Information:

The highest purity source materials were purchased from qualified vendors per ISO 9001:2000 guidelines and assayed by ICP-OES for conformity prior to use. This standard was prepared using methods developed at NIST for the preparation of SRM Spectrometric Standard Solutions. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties.

a. **Analytical Balance Calibration**: All balances are calibrated weekly by an in-house method using NBS weights Inventory No 20231A. The balances are calibrated yearly and the calibration weights are checked biennially by a qualified metrology company with weights traceable to the primary standards developed by NIST.

b. **Volumetric Device Calibration**: The calibration of all volumetric vessels is checked using the NBS 602 method where all vessels are weighed to five significant figures.

c. **Calibration Standards**: The Calibration Standard is directly traceable to SRM 3100 Series Spectrometric Standard Solutions.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle and is guaranteed to be valid for eighteen months from the shipping date, provided the solution is kept tightly capped and stored under normal laboratory conditions.

Expiration Information:

Preparation Date: August 22, 2008

Shipped Date: DEC 17 2008

Expiration Date: JUN 17 2010

7811-5

Received - 12/22/08
Opened - 12/22/08
Expire - 6/17/10

Amy Adams, Inorganic Laboratory Manager

Connie Hayes, Quality Manager

Theodore Rains, PhD, Laboratory Director

October 6, 2008

Certificate Issue Date

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ENVIRONMENTAL EXPRESS

Certificate of Analysis

Product Description:

7812-5

Name:	Sodium
Part number:	HP**10M52-1**
Lot number:	**0819004**
Source Material:	Sodium Carbonate
Material Purity:	99.999%
Matrix:	1% HNO_3

Received – 12/22/08
Opened – 12/22/08
Expire – 6/17/10

Certified Value: 10.00 mg/mL ± 0.03 mg/mL

The Certified value is based on gravimetric preparation, and verified against SRM 3152a (lot number 010728) developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory-developed method. The uncertainty in the certified value is calculated for a 95% confidence interval.

Reference Values:

Density: 1.0222 g/mL @ 24.3°C

Trace Metal Impurity Scan Analysis by ICP-OES and ICP-MS: The approximate values found in the sodium standard solution at 1000 µg/mL are reported below in µg/L.

Ag	<0.02	Cu	<0.1	Li	<0.02	Rb	<0.02	Th	<0.02
Al	<0.1	Dy	<0.02	Lu	<0.02	Re	<0.02	Ti	<0.02
As	<0.05	Er	<0.02	Mg	<0.5	Rh	<0.02	Tl	<0.02
Au	<0.02	Eu	<0.02	Mn	<0.1	Ru	<0.02	Tm	<0.02
B	<1	Fe	<1	Mo	<0.02	Sb	<0.02	U	<0.1
Ba	<0.02	Ga	<0.02	Na	M	Sc	<0.02	V	<0.05
Be	<0.02	Gd	<0.02	Nb	<0.02	Se	<0.1	W	<0.02
Bi	<0.02	Ge	<0.02	Nd	<0.02	Si	<1	Y	<0.02
Ca	<5	Hf	<0.02	Ni	<0.02	Sm	<0.02	Yb	<0.02
Cd	<0.02	Ho	<0.02	Os	<0.02	Sn	<1	Zn	<0.1
Ce	<0.02	In	<0.02	Pb	<0.05	Sr	<0.02	Zr	<0.02
Co	<0.05	Ir	<0.02	Pd	<0.02	Ta	<0.02		
Cr	<0.1	K	<40	Pr	<0.02	Tb	<0.02		
Cs	<0.02	La	<0.02	Pt	<0.02	Te	<0.02		

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Preparation Information:

The highest purity source materials were purchased from qualified vendors per ISO 9001:2000 guidelines and assayed by ICP-OES for conformity prior to use. This standard was prepared using methods developed at NIST for the preparation of SRM Spectrometric Standard Solutions. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties.

a. **Analytical Balance Calibration**: All balances are calibrated weekly by an in-house method using NBS weights Inventory No 20231A. The balances are calibrated yearly and the calibration weights are checked biennially by a qualified metrology company with weights traceable to the primary standards developed by NIST.

b. **Volumetric Device Calibration**: The calibration of all volumetric vessels is checked using the NBS 602 method where all vessels are weighed to five significant figures.

c. **Calibration Standards**: The Calibration Standard is directly traceable to SRM 3100 Series Spectrometric Standard Solutions.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle and is guaranteed to be valid for eighteen months from the shipping date, provided the solution is kept tightly capped and stored under normal laboratory conditions.

Expiration Information:

Preparation Date: July 8, 2008

Shipped Date: DEC 17 2008

Expiration Date: JUN 17 2010

7812-5

Received - 12/22/08
Opened - 12/22/08
Expire - 6/17/10

Amy Adams, Inorganic Laboratory Manager

Connie Hayes, Quality Manager

Theodore Rains, PhD, Laboratory Director

July 9, 2008

Certificate Issue Date

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ENVIRONMENTAL EXPRESS

Certificate of Analysis

Product Description:

7813-5

Name:	Lead
Part number:	**HP100028-1**
Lot number:	**0812713**
Source Material:	Lead Metal
Material Purity:	99.999%
Matrix:	2% HNO_3

Received – 12/22/08
Opened – 12/22/08
Expire – 6/17/10

Certified Value: 1000 µg/mL ± 3 µg/mL

The Certified value is based on gravimetric preparation, and verified against SRM 3128 (lot number 030721) developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry using an internal laboratory-developed method. The uncertainty in the certified value is calculated for a 95% confidence interval.

Reference Values:

Density: 1.0080 g/mL @ 22.5°C

Trace Metal Impurity Scan Analysis by ICP-OES and ICP-MS: The approximate values found in the lead standard solution at 1000 µg/mL are reported below in µg/L. M = Major element.

Ag	<0.02	Cu	<2	Li	<0.02	Rb	<0.02	Th	<0.02
Al	<0.1	Dy	<0.02	Lu	<0.02	Re	<0.02	Ti	<0.02
As	<0.05	Er	<0.02	Mg	<0.5	Rh	<0.02	Tl	<0.02
Au	<0.02	Eu	<0.02	Mn	<0.1	Ru	<0.02	Tm	<0.02
B	<1	Fe	<1	Mo	<0.02	Sb	<0.02	U	<0.1
Ba	<0.02	Ga	<0.02	Na	<1	Sc	<0.02	V	<0.05
Be	<0.02	Gd	<0.02	Nb	<0.02	Se	<0.1	W	<0.02
Bi	<0.02	Ge	<0.02	Nd	<0.02	Si	<1	Y	<0.02
Ca	<5	Hf	<0.02	Ni	<0.02	Sm	<0.02	Yb	<0.02
Cd	<0.02	Ho	<0.02	Os	<0.02	Sn	<1	Zn	<0.1
Ce	<0.02	In	<0.02	Pb	M	Sr	<0.02	Zr	<0.02
Co	<0.05	Ir	<0.02	Pd	<0.02	Ta	<0.02		
Cr	<0.1	K	<1	Pr	<0.02	Tb	<0.02		
Cs	<0.02	La	<0.02	Pt	<0.02	Te	<0.02		

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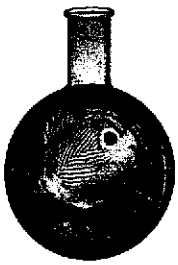

Preparation Information:

The highest purity source materials were purchased from qualified vendors per ISO 9001:2000 guidelines and assayed by ICP-OES for conformity prior to use. This standard was prepared using methods developed at NIST for the preparation of SRM Spectrometric Standard Solutions. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties.

a. **Analytical Balance Calibration**: All balances are calibrated weekly by an in-house method using NBS weights Inventory No 20231A. The balances are calibrated yearly and the calibration weights are checked biennially by a qualified metrology company with weights traceable to the primary standards developed by NIST.

b. **Volumetric Device Calibration**: The calibration of all volumetric vessels is checked using the NBS 602 method where all vessels are weighed to five significant figures.

c. **Calibration Standards**: The Calibration Standard is directly traceable to SRM 3100 Series Spectrometric Standard Solutions.

Packaging and Storage Conditions:

The standard is guaranteed to be valid for eighteen months from the shipping date, provided the solution is kept tightly capped and stored under normal laboratory conditions.

Expiration Information:

Preparation Date: May 6, 2008

Shipped Date: DEC 17 2008

Expiration Date: JUN 17 2010

7813-5

Received - 12/22/08
Opened - 12/22/08
Expire - 6/17/10

Andrew P. Burke, PhD, Inorganic Laboratory Manager

Amy Adams, Quality Manager

Theodore Rains, PhD, Laboratory Director

May 12, 2008

Certificate Issue Date

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Life Science Laboratories, Inc.-BL — Trace Metals Section — Standards Prep Logbook

Standard Number	Date Prepared / Received	Date Expire	Title of Solution	Weights/ Volumes	Final Volume (mL)	Final concentration	Manufacturer	Lot # / Standard #	Prepared by
7831-5	1/5/09	1/5/09	ICV (Hg)	4.0 mL (7828-5)	↗ 50 mL w/ DI	4.0 ppb	Absolute	7828-5	CT
7832-5	↓	↓	CRA (Hg)	0.2 mL (7827-5)	↓	0.2 ppb	AccuSTD	7827-5	↓
7833-5			CCV (Hg)	2.0 mL (7827-5)		2.0 ppb	↓	↓	
7834-5			↓	↓		↓			
7835-5	1/5/09	1/5/10	BLANK/ICB/CCB	100 mL Conc HCl	↗ 2 L	5%	Baker	G26054	CT
			(ICAP)	60 mL Conc HNO3	w/ DI	3%	↓	G44029	
7836-5	1/5/09	1/5/10	STD3 (ICAP)	See prep sheet in metals certificate book			AccuSTD	—	CT
7837-5	1/5/09	1/5/10	STD2 (ICAP)	1 mL (6364-5) Fe	↗ 50 mL w/ DI	Fe_20 ppm	AccuSTD	6364-5	CT
				1 mL (6365-5) Pb		Pb_20		6365-5	
				5 mL (6342-5) Cr		Cr_10		6342-5	
				5 mL (6341-5) Ca		Ca_100		6341-5	
				5 mL (6353-5) Na		Na_100		6353-5	
				15 mL Conc HNO3			Baker	G17027	
				50 mL (1:1) HCl				2970-R	
7838-5	1/5/09	1/5/10	STD1 (ICAP)	1 mL (6350-5) K	↗ 50 mL w/ DI	K_20 ppm	AccuSTD	6350-5	CT
				15 mL Conc HNO3			Baker	G17027	
				50 mL (1:1) HCl				2970-R	
7839-5	1/5/09	1/5/10	CCV (ICAP)	See prep sheet in metals	Certificate	book	AccuSTD	—	CT
7840-5	↓	↓	CRI (PQL)	certificate book			↓		
			100X (ICAP)						

CT 1/5/09

CT 1/5/09

Reviewed By:_____

Date:_____

Life Science Laboratories, Inc.-BL **Trace Metals Section** **Standards Prep Logbook #**

Standard Number	Date Prepared / Received	Date Expire	Title of Solution	Weights/ Volumes	Final Volume (mL)	Final concentration	Manufacturer	Lot # / Standard #	Prepared by
7841-5	1/5/09	1/5/10	CCVH (ICAP)	5mL (6341-5) Ca	↗ 1000 mL	Ca_50 ppm	AccuSTD	6341-5	CT
	↓	↓	↓	5mL (6342-5) Cr	w/ DI	Cr_5	↓	6342-5	↓
				1mL (6364-5) Fe	↓	Fe_10		6364-5	
				5mL (6353-5) Na		Na_50		6353-5	
				1mL (6365-5) Pb		Pb_10	↓	6365-5	
				30mL Conc HNO3			Baker	617027	
				100mL (1:1) HCl	↓		↓	2970-R	↓
7842-5	1/5/09	1/5/10	CRI (PQL)	2mL (7840-5)	↗ 200mL	See #	AccuSTD	7840-5	CT
	↓	↓	(ICAP)	6mL Conc HNO3	w/ DI	7840-5	Baker	617027	
				20mL (1:1) HCl	↓		↓	2970-R	↓

Reviewed By:_____

Date:_____

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Multielement Standard Preparation

Name of Standard: STD3 Standard Number: 7836-S

Element	Manufacturer	Lot #	Std #	Initial Conc. (mg/L)	Final Volume (mL)	Volume Used (mL)	Final Conc. (mg/L)
Aluminum	AccuSTD	B5105043	6334-S	10,000	500	0.5	10
Antimony	AccuSTD	B5095031	6335-S	1,000	500	0.5	1
Arsenic	AccuSTD	B5115036	6336-S	1,000	500	0.5	1
Barium	AccuSTD	B5025074	6337-S	1,000	500	0.5	1
Beryllium	AccuSTD	B5115083	6338-S	1,000	500	0.5	1
Boron	AccuSTD	B6085025	6339-S	1,000	500	0.5	1
Cadmium	AccuSTD	B6115069	6340-S	1,000	500	0.5	1
Calcium	AccuSTD	B6065137	6341-S	10,000	500	1.0	20
Chromium	AccuSTD	B6065124	6342-S	1,000	500	0.5	1
Cobalt	AccuSTD	B6125064	6343-S	1,000	500	0.5	1
Copper	AccuSTD	B6095096	6360-S	1,000	500	0.5	1
Iron	AccuSTD	B6035048	6344-S	1,000	500	1.0	2
Lead	AccuSTD	B6075090	6345-S	1,000	500	0.5	1
Magnesium	AccuSTD	B5015118	6346-S	10,000	500	1.0	20
Manganese	AccuSTD	B6065026	6347-S	1,000	500	0.5	1
Molybdenum	AccuSTD	B6065081	6348-S	1,000	500	0.5	1
Nickel	AccuSTD	B4065040	6349-S	1,000	500	0.5	1
Selenium	AccuSTD	B6065129	6351-S	1,000	500	0.5	1
Silver	AccuSTD	B6125004	6446-S	500	500	0.5	0.5
Sodium	AccuSTD	B6025117	6353-S	10,000	500	1.0	20
Strontium	AccuSTD	B5035151	6354-S	1,000	500	0.5	1
Thallium	AccuSTD	B6055036	6355-S	1,000	500	0.5	1
Tin	AccuSTD	B6015089	6356-S	1,000	500	0.5	1
Titanium	AccuSTD	B5085113	6357-S	1,000	500	0.5	1
Vanadium	AccuSTD	B7025121	6358-S	1,000	500	0.5	1
Zinc	AccuSTD	B6015140	6359-S	1,000	500	0.5	1
HNO3	J T Baker	G17027	-	Conc.	500	15.0	3%
HCl	J T Baker	2970-R	-	1+1	500	50.0	5%

Comment:

Date Prepared: 1/5/09 Date Expires: 1/5/10

Prepared By: Cang Tran Reviewed By:

Multielement Standard Preparation

Name of Standard: CCV Standard Number: 7839-S

Element	Manufacturer	Lot #	Std #	Initial Conc. (mg/L)	Final Volume (mL)	Volume Used (mL)	Final Conc. (mg/L)
Aluminum	AccuSTD	B5105043	6334-S	10,000	1,000	0.5	5
Antimony	AccuSTD	B5095031	6335-S	1,000	1,000	0.5	0.5
Arsenic	AccuSTD	B5115036	6336-S	1,000	1,000	0.5	0.5
Barium	AccuSTD	B5025074	6337-S	1,000	1,000	0.5	0.5
Beryllium	AccuSTD	B5115083	6338-S	1,000	1,000	0.5	0.5
Boron	AccuSTD	B6085025	6339-S	1,000	1,000	0.5	0.5
Cadmium	AccuSTD	B6115069	6340-S	1,000	1,000	0.5	0.5
Calcium	AccuSTD	B6065137	6341-S	10,000	1,000	1.0	10
Chromium	AccuSTD	B6065124	6342-S	1,000	1,000	0.5	0.5
Cobalt	AccuSTD	B6125064	6343-S	1,000	1,000	0.5	0.5
Copper	AccuSTD	B6095096	6360-S	1,000	1,000	0.5	0.5
Iron	AccuSTD	B6035048	6344-S	1,000	1,000	1.0	1
Lead	AccuSTD	B6075090	6345-S	1,000	1,000	0.5	0.5
Magnesium	AccuSTD	B5015118	6346-S	10,000	1,000	1.0	10
Manganese	AccuSTD	B6065026	6347-S	1,000	1,000	0.5	0.5
Molybdenum	AccuSTD	B6065081	6348-S	1,000	1,000	0.5	0.5
Nickel	AccuSTD	B4065040	6349-S	1,000	1,000	0.5	0.5
Potassium	AccuSTD	B5075123	6350-S	10,000	1,000	1.0	10
Selenium	AccuSTD	B6065129	6351-S	1,000	1,000	0.5	0.5
Silver	AccuSTD	B6125004	6446-S	500	1,000	0.5	0.25
Sodium	AccuSTD	B6025117	6353-S	10,000	1,000	1.0	10
Strontium	AccuSTD	B5035151	6354-S	1,000	1,000	0.5	0.5
Thallium	AccuSTD	B6055036	6355-S	1,000	1,000	0.5	0.5
Tin	AccuSTD	B6015089	6356-S	1,000	1,000	0.5	0.5
Titanium	AccuSTD	B5085113	6357-S	1,000	1,000	0.5	0.5
Vanadium	AccuSTD	B7025121	6358-S	1,000	1,000	0.5	0.5
Zinc	AccuSTD	B6015140	6359-S	1,000	1,000	0.5	0.5
HNO3	J T Baker	G17027	-	Conc.	1,000	30.0	3%
HCl	J T Baker	2970-R	-	1+1	1,000	100.0	5%

Comment: _____

Date Prepared: 1/5/09 Date Expires: 1/5/10

Prepared By: Cang Tra Reviewed By: M Tan Le

Multielement Standard Preparation

Name of Standard: CRI(PQL) 100X Standard Number: 7840-S

Element	Manufacturer	Lot #	Std #	Initial Conc. (mg/L)	Final Volume (mL)	Volume Used (mL)	Final Conc. (mg/L)
Aluminum	AccuSTD	B5105043	6334-S	10,000	100	0.1	10
Antimony	AccuSTD	B5095031	6335-S	1,000	100	0.6	6
Arsenic	AccuSTD	B5115036	6336-S	1,000	100	0.1	1
Barium	AccuSTD	B5025074	6337-S	1,000	100	1.0	10
Beryllium	AccuSTD	B5115083	6338-S	1,000	100	0.1	1
Boron	AccuSTD	B6085025	6339-S	1,000	100	0.5	5
Cadmium	AccuSTD	B6115069	6340-S	1,000	100	0.1	1
Calcium	AccuSTD	B6065137	6341-S	10,000	100	1.0	100
Chromium	AccuSTD	B6065124	6342-S	1,000	100	0.1	1
Cobalt	AccuSTD	B6125064	6343-S	1,000	100	0.5	5
Copper	AccuSTD	B6095096	6360-S	1,000	100	0.1	1
Iron	AccuSTD	B6035048	6344-S	1,000	100	0.5	5
Lead	AccuSTD	B6075090	6345-S	1,000	100	0.1	1
Magnesium	AccuSTD	B5015118	6346-S	10,000	100	1.0	100
Manganese	AccuSTD	B6065026	6347-S	1,000	100	0.5	5
Molybdenum	AccuSTD	B6065081	6348-S	1,000	100	0.5	5
Nickel	AccuSTD	B4065040	6349-S	1,000	100	0.5	5
Potassium	AccuSTD	B5075123	6350-S	10,000	100	5.0	500
Selenium	AccuSTD	B6065129	6351-S	1,000	100	0.1	1
Silver	AccuSTD	B6125004	6446-S	500	100	0.2	1
Sodium	AccuSTD	B6025117	6353-S	10,000	100	1.0	100
Strontium	AccuSTD	B5035151	6354-S	1,000	100	0.5	5
Thallium	AccuSTD	B6055036	6355-S	1,000	100	0.2	2
Tin	AccuSTD	B6015089	6356-S	1,000	100	0.5	5
Titanium	AccuSTD	B5085113	6357-S	1,000	100	0.5	5
Vanadium	AccuSTD	B7025121	6358-S	1,000	100	0.5	5
Zinc	AccuSTD	B6015140	6359-S	1,000	100	0.2	2
HNO3	J T Baker	G17027	-	Conc.	100	6.0	6%

Comment: _____

Date Prepared: 1/5/09 Date Expires: 1/5/10

Prepared By: Cang Tran Reviewed By: M Tan

Multielement Standard Preparation

Name of Standard: LOW LEVEL CAL STD - S (100X) Standard Number: 7957-S

Element	Manufacturer	Lot #	Std #	Initial Conc. (mg/L)	Final Volume (mL)	Volume Used (mL)	Final Conc. (mg/L)
Aluminum	AccuSTD	B5105043	6334-S	10,000	100	0.20	20
Antimony	AccuSTD	B5095031	6335-S	1,000	100	1.00	10
Arsenic	AccuSTD	B5115036	6336-S	1,000	100	0.50	5
Barium	AccuSTD	B5025074	6337-S	1,000	100	0.10	1
Beryllium	AccuSTD	B5115083	6338-S	1,000	100	0.10	1
Cadmium	AccuSTD	B6115069	6448-S	100	100	0.50	0.5
Calcium	AccuSTD	B6065137	6341-S	10,000	100	1.00	100
Chromium	AccuSTD	B6065124	6342-S	1,000	100	0.10	1
Cobalt	AccuSTD	B6125064	6343-S	1,000	100	0.10	1
Copper	AccuSTD	B6095096	6360-S	1,000	100	0.20	2
Iron	AccuSTD	B6035048	6344-S	1,000	100	0.30	3
Lead	AccuSTD	B6075090	6345-S	1,000	100	0.30	3
Magnesium	AccuSTD	B5015118	6346-S	10,000	100	1.00	100
Manganese	AccuSTD	B6065026	6347-S	1,000	100	0.10	1
Molybdenum	AccuSTD	B6065081	6348-S	1,000	100	0.30	3
Nickel	AccuSTD	B4065040	6349-S	1,000	100	0.20	2
Potassium	AccuSTD	B5075123	6350-S	10,000	100	2.00	200
Selenium	AccuSTD	B6065129	6351-S	1,000	100	0.30	3
Silver	AccuSTD	B6125004	6446-S	500	100	0.20	1
Sodium	AccuSTD	B6025117	6353-S	10,000	100	1.00	100
Thallium	AccuSTD	B6055036	6355-S	1,000	100	0.60	6
Vanadium	AccuSTD	B7025121	6358-S	1,000	100	0.10	1
Zinc	AccuSTD	B6015140	6359-S	1,000	100	0.20	2
HNO3	J T Baker	H02026	-	Conc.	100	6.0	6%

Comment:

Date Prepared: 3/23/09 Date Expires: 3/23/10

Prepared By: Cang Tran Reviewed By: M Tashrudi

Multielement Standard Preparation

Name of Standard: LOW LEVEL CAL STD - W (100X) Standard Number: 7958-S

Element	Manufacturer	Lot #	Std #	Initial Conc. (mg/L)	Final Volume (mL)	Volume Used (mL)	Final Conc. (mg/L)
Aluminum	AccuSTD	B5105043	6334-S	10,000	100	0.20	20
Antimony	AccuSTD	B5095031	6335-S	1,000	100	0.50	5
Arsenic	AccuSTD	B5115036	6336-S	1,000	100	0.30	3
Barium	AccuSTD	B5025074	6337-S	1,000	100	0.50	5
Beryllium	AccuSTD	B5115083	6447-S	100	100	0.40	0.4
Boron	AccuSTD	B6085025	6339-S	1,000	100	0.10	1
Cadmium	AccuSTD	B6115069	6448-S	100	100	0.50	0.5
Calcium	AccuSTD	B6065137	6341-S	10,000	100	1.10	110
Chromium	AccuSTD	B6065124	6342-S	1,000	100	0.10	1
Cobalt	AccuSTD	B6125064	6343-S	1,000	100	0.60	6
Copper	AccuSTD	B6095096	6360-S	1,000	100	0.10	1
Iron	AccuSTD	B6035048	6344-S	1,000	100	2.00	20
Lead	AccuSTD	B6075090	6449-S	100	100	2.50	2.5
Magnesium	AccuSTD	B5015118	6346-S	10,000	100	1.00	100
Manganese	AccuSTD	B6065026	6347-S	1,000	100	0.10	1
Molybdenum	AccuSTD	B6065081	6450-S	100	100	1.50	1.5
Nickel	AccuSTD	B4065040	6349-S	1,000	100	0.20	2
Potassium	AccuSTD	B5075123	6350-S	10,000	100	1.00	100
Selenium	AccuSTD	B6065129	6351-S	1,000	100	0.30	3
Silver	AccuSTD	B6125004	6446-S	500	100	0.20	1
Sodium	AccuSTD	B6025117	6353-S	10,000	100	1.00	100
Thallium	AccuSTD	B6055036	6355-S	1,000	100	0.80	8
Vanadium	AccuSTD	B7025121	6358-S	1,000	100	0.10	1
Zinc	AccuSTD	B6015140	6359-S	1,000	100	0.20	2
HNO3	J T Baker	H02026	-	Conc.	100	6.0	6%

Comment:

Date Prepared: 3/23/09 Date Expires: 3/23/10

Prepared By: Cang Tran Reviewed By: M Tashousli

Life Science Laboratories, Inc.-BL — Trace Metals Section — Standards Prep Logbook

Standard Number	Date Prepared / Received	Date Expire	Title of Solution	Weights/ Volumes	Final Volume (mL)	Final concentration	Manufacturer	Lot # / Standard #	Prepared by
7957-S	3/23/09	3/23/10	Low Level Cal STD-S (100X)	See prep sheet in metals certificate book			AccuSTD	—	CT
7958-S	3/23/09	3/23/10	Low Level Cal STD-W (100X)					—	
7959-S	3/23/09	3/23/10	Low Level Cal STD-S (1X)	1 mL (7957-S) + 3mL Conc HNO3 + 10mL (1:1) HCl	↗ 100mL w/ DI	See # 7957-S	AccuSTD Baker ↓ AccuSTD Baker ↓	7957-S H02026 2970-R 7958-S H02026 2970-R	CT
7960-S	3/23/09	3/23/10	Low Level Cal STD-W (1X)	1 mL (7958-S) + 3mL Conc HNO3 + 10mL (1:1) HCl		See # 7958-S			
7961-S	3/23/09	3/23/10	ICSA-2 (ICAP)	5mL (6337-S) B 5mL (6350-S) K 5mL (6348-S) Mo 1mL (6353-S) Na 5mL (6356-S) Sn 5mL (6354-S) Sr 5mL (6357-S) Ti + 3mL Conc. HNO3 + 10mL (1:1) HCl	↗ 100mL w/ DI	B-50 ppm K-500 Mo-50 Na-100 Sn-50 Sr-50 Ti-50	AccuSTD ↓ Baker ↓	6339-S 6350-S 6348-S 6353-S 6356-S 6354-S 6357-S H02026 2970-R	CT
7962-S	3/23/09	7/18/09	ICSAB	20mL (~~7617-S~~)* (7658-S) 2mL (7573-S) 2mL (7961-S) + 6mL Conc. HNO3 + 20mL (1:1) HCl	↗ 200mL w/ DI	See # 7658-S 7573-S 7961-S	High Purity AccuSTD Baker ↓	7658-S 7573-S 7961-S H02026 2970-R	CT

* CT 3/23/09

Reviewed By:_____

Date:_____

Life Science Laboratories, Inc.-BL — Trace Metals Section — Standards Prep Logbook

Standard Number	Date Prepared / Received	Date Expire	Title of Solution	Weights/ Volumes	Final Volume (mL)	Final concentration	Manufacturer	Lot # / Standard #	Prepared by
8039-S	5/6/09	5/6/09	CCV Hg	2.0 mL (8034-S)	↑ 50 mL w/ DI	2.0 ppb	Accustd	8034-S	DR
8040-S	5/6/09	5/6/09	Hg CAL CVR	0.0 mL (8034-S)	↑ 50 mL w/ DI	0.0 ppb	Accustd	8034-S	DR
				0.2		0.2			
				0.5		0.5			
				1.0		1.0			
				2.0		2.0			
				5.0		5.0			
				10.0		10.0			
8041-S	5/7/09	5/7/10	CRI (SEVENSON) 100X	See prep sheet in metals certificate book			AccuSTD		CT
8042-S	5/7/09	5/7/10	CRI (SEVENSON) 1X	1.0 mL (8041-S) + 3 mL Conc. HNO3 + 10 mL (1:1) HCl	↑ 100 mL w/ DI	See # 8041-S	AccuSTD Becker	8041-S H02026	CT
8043-S	5/7/09	5/7/10	Sb_100 ppm	1 mL (6335-S)	↑ 10 mL w/ DI	Sb_100 ppm	AccuSTD	6335-S	CT
8044-S			As_100 ppm	1 mL (6336-S)		As_100		6336-S	
8045-S			Be_100	1 mL (6338-S)		Be_100		6338-S	
8046-S			Cd_100	1 mL (6340-S)		Cd_100		6340-S	
8047-S			Co_500	5 mL (6343-S)		Co_500		6343-S	
8048-S			Pb_100	1 mL (6345-S)		Pb_100		6345-S	
8049-S			Se_100	1 mL (6351-S)		Se_100		6351-S	
8050-S	5/6/09	5/6/09	STD50.GFAA	10 mL (7398-S) + 10 mL DI	20 mL	50 ppb	AccuSTD	7398-S	CT
8051-S			STD25	5 mL (8050-S) + 5 mL DI	10	25		8050-S	
8052-S			STD10	2 mL (8050-S) + 8 mL DI	10	10		8050-S	
8053-S			STD2	2 mL (8052-S) + 8 mL DI	10	2		8052-S	

Reviewed By:_____

Date:_____

Multielement Standard Preparation

Name of Standard: CRI (SEVENSON) 100X Standard Number: 8041-S

Element	Manufacturer	Lot #	Std #	Initial Conc. (mg/L)	Final Volume (mL)	Volume Used (mL)	Final Conc. (mg/L)
Aluminum	AccuSTD	B5105043	6334-S	10,000	100	0.100	10
Antimony	AccuSTD	B5095031	8043-S	100	100	0.500	0.5
Arsenic	AccuSTD	B5115036	8044-S	100	100	0.500	0.5
Barium	AccuSTD	B5025074	6337-S	1,000	100	0.200	2
Beryllium	AccuSTD	B5115083	8045-S	100	100	0.300	0.3
Cadmium	AccuSTD	B6115069	8046-S	100	100	0.100	0.1
Calcium	AccuSTD	B6065137	6341-S	10,000	100	0.100	10
Chromium	AccuSTD	B6065124	6342-S	1,000	100	0.100	1
Cobalt	AccuSTD	B6125064	8047-S	500	100	0.500	2.5
Copper	AccuSTD	B6095096	6360-S	1,000	100	0.100	1
Iron	AccuSTD	B6035048	6344-S	1,000	100	0.500	5
Lead	AccuSTD	B6075090	8048-S	100	100	0.500	0.5
Magnesium	AccuSTD	B5015118	6346-S	10,000	100	0.300	30
Manganese	AccuSTD	B6065026	6347-S	1,000	100	0.100	1
Nickel	AccuSTD	B4065040	6349-S	1,000	100	0.500	5
Potassium	AccuSTD	B5075123	6350-S	10,000	100	5.000	500
Selenium	AccuSTD	B6065129	8049-S	100	100	0.500	0.5
Silver	AccuSTD	B6125004	6446-S	1,000	100	0.100	1
Sodium	AccuSTD	B6025117	6353-S	10,000	100	0.300	30
Thallium	AccuSTD	B6055036	6355-S	1,000	100	0.200	2
Vanadium	AccuSTD	B7025121	6358-S	1,000	100	0.500	5
Zinc	AccuSTD	B6015140	6359-S	1,000	100	0.100	1
HNO3	J T Baker	H02026	-	Conc.	100	6.0	6%

Comment: _____

Date Prepared: 5/7/09 Date Expires: 5/7/10

Prepared By: Cang Tran Reviewed By: _____

HIGH-PURITY STANDARDS
www.highpuritystandards.com

P.O. Box 41727
Charleston, SC 29423
Phone (843) 767-7900
Fax (843) 767-7906

Certificate of Analysis

SM-108-001 (Spike)

8113-5

Solution A

Lot # 0914027

Received - 6/4/09
Opened - 6/4/09
Expire - 5/22/10

Source	Source Purity	Matrix	Standard Concentration
High Purity Metals, Salts or Oxides	99.95+%	HNO_3, 2%	µg/mL ± 0.5% See element list on reverse

This spectrometric standard solution has been prepared from high-purity reference materials. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water. The reference materials have been assayed by inductively coupled plasma optical emission spectrometry (ICP-OES).

The standard has been prepared gravimetrically by weighing the reference material to 5 significant figures. Volumetric glassware has been calibrated gravimetrically to 5 significant figures. The standard concentration has been verified by ICP-OES against an independent source which is directly traceable to National Institute of Standards and Technology, Standard Reference Material No. 3100 series.

This standard is valid for one year from the shipping date provided the solution is kept tightly capped and stored under normal laboratory conditions.

Theodore C. Rains

Theodore C. Rains, Ph.D.
President

Exp Date: MAY 2 2 2010

MSDS ATTACHED

8113-5

Received - 6/4/09
Opened - 6/4/09
Expire - 5/22/10

SM-108-001 (SPIKE)

Solution A

Element List

(µg/mL)

Aluminum	100
Arsenic	20
Barium	20
Beryllium	20
Boron	50
Cadmium	20
Calcium	1000
Chromium	20
Cobalt	20
Copper	20
Iron	100
Lead	20
Magnesium	1000
Manganese	20
Nickel	20
Potassium	1000
Selenium	20
Sodium	1000
Strontium	20
Thallium	20
Vanadium	20
Zinc	20

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Certificate of Analysis

SM-108-001 (SPIKE)

8114-5

Solution B

Lot # 0914028

Received - 6/4/09
Opened - 6/4/09
Expire - 5/22/10

Source	Source Purity	Matrix	Standard Concentration
High Purity Metals Salts or Oxides	99.996+%	HNO_3, 2% + Tr HF	µg/mL ± 0.5%
			Antimony 20
			Molybdenum 20
			Silver 5
			Tin 20
			Titanium 20

This spectrometric standard solution has been prepared from high-purity reference materials. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water. The reference materials have been assayed by inductively coupled plasma optical emission spectrometry (ICP-OES).

The standard has been prepared gravimetrically by weighing the reference material to 5 significant figures. Volumetric glassware has been calibrated gravimetrically to 5 significant figures. The standard concentration has been verified by ICP-OES against an independent source which is directly traceable to National Institute of Standards and Technology, Standard Reference Material No. 3100 series.

This standard is valid for one year from the shipping date provided the solution is kept tightly capped and stored under normal laboratory conditions.

Theodore C. Rains

Theodore C. Rains, Ph.D.
President

Exp Date: MAY 2 2 2010

MSDS ATTACHED

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CAT. NO. LI CO-S

Certificate of Analysis

8115-5

Received – 6/4/09
Opened – 6/4/09
Expire – N/A

Lithium Carbonate

99.999%

Lot # 0914035

All concentrations are quoted in parts per million by weight, and the analysis technique employed was dc arc emission spectroscopy and ICP, unless otherwise noted below. Unless otherwise stated, the specification (total metallic impurities) relates to impurities as detected.

Sodium	4-8 ppm	Barium	<1 ppm
Chromium	<1 ppm	Strontium	< ppm

Theodore C Rains

Theodore C. Rains, Ph. D.
President

MSDS ATTACHED

Life Science Laboratories, Inc.-BL **Trace Metals Section** **Standards Prep Logbook #**

Standard Number	Date Prepared / Received	Date Expire	Title of Solution	Weights/ Volumes	Final Volume (mL)	Final concentration	Manufacturer	Lot # / Standard #	Prepared by
8108-S	6/2/09	6/2/09	ICV (Hg)	4.0 mL (8102-S)	↑ 50 mL w/ DI	4.0 ppb	Absolute	8102-S	CT
8109-S	↓	↓	CRA (Hg)	0.2 mL (8101-S)	↓	0.2 ppb	AccuSTD	8101-S	↓
8110-S	↓	↓	CCV (Hg)	2.0 mL ↓	↓	2.0 ↓	↓	↓	↓
8111-S	6/2/09	6/2/09	Hg Cal Curve (WATER)	0.0 mL (8101-S)	↓	0.0 ppb	↓	↓	↓
↓	↓	↓	↓	0.2	↓	0.2	↓	↓	↓
↓	↓	↓	↓	0.5	↓	0.5	↓	↓	↓
↓	↓	↓	↓	1.0	↓	1.0	↓	↓	↓
↓	↓	↓	↓	2.0	↓	2.0	↓	↓	↓
↓	↓	↓	↓	5.0	↓	5.0	↓	↓	↓
↓	↓	↓	↓	10.0	↓	10.0 ↓	↓	↓	↓
8112-S	6/4/09	6/4/09	50 ppb Hg (REP Std)	0.5 mL (7282-S) + 4 mL conc HNO_3	↑ 200 mL w/ DI	50 ppb	ABSOLUTE BAKER	7282-S HO202L	DN_2
8113-S	6/4/09	5/22/10	QC Spike Solution A	Stock, Received 500 ml	See # 8113-S 8114-S	High Purity → ↓		0914027	CT
8114-S	↓	↓	QC Spike Solution B	↓	↓	↓		0914028	CT
8115-S	6/4/09	N/A	Li_2CO_3	Stock, Received 500 ml	—	—	High Purity	0914025	CT

Reviewed By:_____

Date:_____

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Charleston, SC 29423
TEL: (843) 767-7900
FAX: (843) 767-7906

HIGH-PURITY STANDARDS

Certificate of Analysis

8042-S

Received - 6/23/09
Opened - 6/23/09
Expire - 6/19/10

Product Description:

Name:	CLP Interference Check Standard 1
Part number:	**CLP-INF-1**
Lot number:	**0814916**
Matrix:	5% HNO_3
Purity:	99.98% - 99.9999%

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
Al	5000 ± 25	3101a	060502	Fe	2000 ± 10	3126a	051031
Ca	5000 ± 25	3109a	050825	Mg	5000 ± 25	3131a	050302

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval.

Preparation Information:

The highest purity source materials were purchased from qualified vendors per ISO 9001:2000 guidelines and assayed by ICP-OES for conformity prior to use. This standard was prepared using methods developed at NIST for the preparation of SRM Spectrometric Standard Solutions. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties.

a. **Analytical Balance Calibration**: All balances are calibrated weekly by and in-house method using NBS weights Inventory No 20231A. The balances are calibrated yearly and the calibration weights are checked biennially by a qualified metrology company with weights traceable to the primary standards developed by NIST.

b. **Volumetric Device Calibration**: The calibration of all volumetric vessels is checked using the NBS 602 method where all vessels are weighed to five significant figures.

c. **Calibration Standards**: The Calibration Standards are directly traceable to SRM 3100 Series Spectrometric Standard Solutions.

Packaging and Storage Conditions:

The standard solution is guaranteed to be valid for twelve months from the shipping date, provided the solution is kept tightly capped and stored under normal laboratory conditions.

Expiration Information:

Preparation Date: May 28, 2008

Shipped Date: JUN 19 2009

Expiration Date: JUN 19 2010

8042-S

Received - 6/23/09
Opened - 6/23/09
Expire - 6/19/10

Andrew P. Burke, PhD, Inorganic Laboratory Manager

Amy Adams, Quality Manager

Theodore Rains, PhD, President

May 30, 2008

Certificate Issue Date

NOTICE: HPS products are intended for laboratory use only. All products should be handled and used by trained professional personnel. The responsibility for the safe handling and use of these products rests solely with the buyer and/or user. The data and information as stated was furnished by the manufacturer of the product. The information provided in this certificate pertains only to the lot number specified. None of the information provided in this certificate may be used, reproduced or transmitted in any form or by any means without written approval from High Purity Standards.

P.O. Box 41727
Charleston, SC 29423
TEL: (843) 767-7900
FAX: (843) 767-7906

HIGH-PURITY STANDARDS

Certificate of Analysis

Product Description:

8043-5

Name:	CLP Analyte Standard - Revised
Part number:	**ANALCS-R**
Lot number:	**0829712**
Matrix:	2% HNO_3 + Tr HF
Purity:	99.95% - 99.9999%

Received — 6/23/09
Opened — 6/23/09
Expire — 6/19/10

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
Sb	60.0 ± 0.3	3102a	061229	Pb	5.00 ± 0.03	3128	030721
As	10.0 ± 0.1	3103a	010713	Mn	50.00 ± 0.25	3132	050429
Ba	50.0 ± 0.3	3104a	070222	Ni	100.0 ± 0.5	3136	000612
Be	50.0 ± 0.5	3105a	892707	Se	5.00 ± 0.03	3149	992106
Cd	100.0 ± 0.5	3108	060531	Ag	20.0 ± 0.1	3151	992212
Cr	50.0 ± 0.3	3112a	030730	Tl	10.00 ± 0.05	3158	993012
Co	50.0 ± 0.3	3113	000630	V	50.0 ± 0.3	3165	992706
Cu	50.0 ± 0.3	3114	011017	Zn	100.0 ± 0.5	*	*

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval.

* Refer to Traceability Information, Section C.

Preparation Information:

The highest purity source materials were purchased from qualified vendors per ISO 9001:2000 guidelines and assayed by ICP-OES for conformity prior to use. This standard was prepared using methods developed at NIST for the preparation of SRM Spectrometric Standard Solutions. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties.

a. **Analytical Balance Calibration**: All balances are calibrated weekly by an in-house method using NBS weights Inventory No 20231A. The balances are calibrated yearly and the calibration weights are checked biennially by a qualified metrology company with weights traceable to the primary standards developed by NIST.

b. **Volumetric Device Calibration**: The calibration of all volumetric vessels is checked using the NBS 602 method where all vessels are weighed to five significant figures.

c. **Calibration Standards**: The Calibration Standards are directly traceable to SRM 3100 Series Spectrometric Standard Solutions when an SRM is available.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle and is guaranteed to be valid for twelve months from the shipping date, provided the solution is kept tightly capped and stored under normal laboratory conditions.

Expiration Information:

Preparation Date: October 23, 2008

Shipped Date: JUN 19 2009

Expiration Date: JUN 19 2010

Amy Adams, Inorganic Laboratory Manager

Connie Hayes, Quality Manager

Theodore Rains, PhD, President

October 24, 2008

Certificate Issue Date

PJLA Testing

Accreditation # 49337

ISO/IEC 17025:2005 Certificate Number: L08-41

NOTICE: HPS products are intended for laboratory use only. All products should be handled and used by trained professional personnel. The responsibility for the safe handling and use of these products rests solely with the buyer and/or user. The data and information as stated was furnished by the manufacturer of the product. The information provided in this certificate pertains only to the lot number specified. None of the information provided in this certificate may be used, reproduced or transmitted in any form or by any means without written approval from High Purity Standards.

8043-5

Received – 6/23/09
Opened – 6/23/09
Expire – 6/19/10

Life Science Laboratories, Inc.-BL — Trace Metals Section — Standards Prep Logbook

Standard Number	Date Prepared / Received	Date Expire	Title of Solution	Weights/ Volumes	Final Volume (mL)	Final concentration	Manufacturer	Lot # / Standard #	Prepared by
8099-S	7/24/09	6/19/10	ICSA	20 mL (8042-S)	↗ 200 mL	See # 8042-S	High Purity	8042-S	CT
				20 mL (1:1) HCl	60% DI		Baker	2970-R	
			↓	6mL Conc. HNO3			↓	H12022	
8100-S			ICSAB	20mL (8042-S)		See # 8042-S	High Purity	8042-S	
				2mL (8043-S)		8043-S	↓	8043-S	
				2mL (7961-S)		7961-S	AccuSTD	7961-S	
				20mL (1:1) HCl			Baker	2970-R	
				6mL Conc. HNO3			↓	H12022	
8101-S		5/22/10	ICV	2mL (8113-S)		See # 8113-S	High Purity	8113-S	
			(ICAP)	2mL (8114-S)		8114-S	↓	8114-S	
		↓		20mL (1:1) HCl			Baker	2970-R	
				6mL Conc. HNO3			↓	H12022	
					↓				↓

Reviewed By:_____

Date:_____

Mercury Data

ANALYTICAL RESULTS

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-001A**
Project:	Tract II	**Client Sample ID:**	*TP-26-2*
W Order:	0907072	**Collection Date:**	07/15/09 9:00
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 18.0	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.58		0.12	0.010	mg/Kg-dry	1	07/28/09 10:49

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
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East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-002A**
Project:	Tract II	**Client Sample ID:**	*TP-26-3*
W Order:	0907072	**Collection Date:**	07/15/09 17:00
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 23.2	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.39		0.13	0.011	mg/Kg-dry	1	07/28/09 11:00

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-003A**
Project:	Tract II	**Client Sample ID:**	***TP-26-4***
W Order:	0907072	**Collection Date:**	07/15/09 9:10
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 23.7	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.5		0.13	0.011	mg/Kg-dry	1	07/28/09 11:02

Qualifiers:	* Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-004A**
Project:	Tract II	**Client Sample ID:**	***TP-26-5***
W Order:	0907072	**Collection Date:**	07/15/09 9:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 15.9	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.74		0.12	0.0099	mg/Kg-dry	1	07/28/09 11:04

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-005A**
Project:	Tract II	**Client Sample ID:**	*TP-26-6*
W Order:	0907072	**Collection Date:**	07/15/09 9:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 25.5	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.60		0.13	0.011	mg/Kg-dry	1	07/28/09 11:06

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-006A**
Project:	Tract II	**Client Sample ID:**	*TP-27-2*
W Order:	0907072	**Collection Date:**	07/15/09 9:30
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 9.4	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.71		0.11	0.0092	mg/Kg-dry	1	07/28/09 11:08

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-007A**
Project:	Tract II	**Client Sample ID:**	*TP-27-3*
W Order:	0907072	**Collection Date:**	07/15/09 9:35
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 19.5	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	3.3	E	0.12	0.010	mg/Kg-dry	1	07/28/09 11:11

Qualifiers:	*	Value exceeds Maximum Contaminant Level		B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range		H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL		ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit		S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-007ADL**
Project:	Tract II	**Client Sample ID:**	*TP-27-3*
W Order:	0907072	**Collection Date:**	07/15/09 9:35
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 19.5	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-DL-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	3.5		1.2	0.10	mg/Kg-dry	10	07/28/09 16:35

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-008A**
Project:	Tract II	**Client Sample ID:**	***TP-27-4***
W Order:	0907072	**Collection Date:**	07/15/09 9:40
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 18.1	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.2		0.12	0.010	mg/Kg-dry	1	07/28/09 11:13

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 13:01 462958 **Project Supervisor:** Anthony Crescenzi

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-009A**
Project:	Tract II	**Client Sample ID:**	*TP-27-6*
W Order:	0907072	**Collection Date:**	07/15/09 9:45
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 29.8	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.4		0.14	0.012	mg/Kg-dry	1	07/28/09 11:15

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-010A**
Project:	Tract II	**Client Sample ID:**	***TP-28-2***
W Order:	0907072	**Collection Date:**	07/15/09 10:06
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 21.4	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	16	E	0.13	0.011	mg/Kg-dry	1	07/28/09 11:17

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-010ADL**
Project:	Tract II	**Client Sample ID:**	*TP-28-2*
W Order:	0907072	**Collection Date:**	07/15/09 10:06
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 21.4	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-DL-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	590		130	11	mg/Kg-dry	1000	07/28/09 16:38

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
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East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-011A**
Project:	Tract II	**Client Sample ID:**	***TP-28-3***
W Order:	0907072	**Collection Date:**	07/15/09 10:11
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 20.3	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	11	E	0.13	0.010	mg/Kg-dry	1	07/28/09 11:19

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-011ADL**
Project:	Tract II	**Client Sample ID:**	*TP-28-3*
W Order:	0907072	**Collection Date:**	07/15/09 10:11
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 20.3	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-DL-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1900		130	10	mg/Kg-dry	1000	07/28/09 16:40

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-012A**
Project:	Tract II	**Client Sample ID:**	***TP-29-2***
W Order:	0907072	**Collection Date:**	07/15/09 10:30
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 21.1	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.9		0.13	0.011	mg/Kg-dry	1	07/28/09 14:14

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-013A**
Project:	Tract II	**Client Sample ID:**	***TP-30-2***
W Order:	0907072	**Collection Date:**	07/15/09 10:44
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 17.4	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.30		0.12	0.010	mg/Kg-dry	1	07/28/09 14:16

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-014A**
Project:	Tract II	**Client Sample ID:**	***TP-30-3***
W Order:	0907072	**Collection Date:**	07/15/09 10:46
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 30.8	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.26		0.14	0.012	mg/Kg-dry	1	07/28/09 14:18

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-015A**
Project:	Tract II	**Client Sample ID:**	***TP-30-4***
W Order:	0907072	**Collection Date:**	07/15/09 10:49
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.7	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.47		0.12	0.0098	mg/Kg-dry	1	07/28/09 14:20

Qualifiers:	* Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-016A**
Project:	Tract II	**Client Sample ID:**	***TP-30-5***
W Order:	0907072	**Collection Date:**	07/15/09 10:51
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 26.2	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.17		0.14	0.011	mg/Kg-dry	1	07/28/09 14:22

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-017A**
Project:	Tract II	**Client Sample ID:**	***TP-31-2***
W Order:	0907072	**Collection Date:**	07/15/09 11:09
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 15.3	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.39		0.12	0.0099	mg/Kg-dry	1	07/28/09 14:25

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-018A**
Project:	Tract II	**Client Sample ID:**	*TP-31-3*
W Order:	0907072	**Collection Date:**	07/15/09 11:12
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 15.3	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.10	J	0.12	0.0099	mg/Kg-dry	1	07/28/09 14:27

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-019A**
Project:	Tract II	**Client Sample ID:**	***TP-31-4***
W Order:	0907072	**Collection Date:**	07/15/09 11:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 19.6	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.66		0.12	0.010	mg/Kg-dry	1	07/28/09 14:44

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-020A**
Project:	Tract II	**Client Sample ID:**	***TP-32-2***
W Order:	0907072	**Collection Date:**	07/15/09 11:25
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.2	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	13	E	0.12	0.0097	mg/Kg-dry	1	07/28/09 14:29

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-020ADL**
Project:	Tract II	**Client Sample ID:**	*TP-32-2*
W Order:	0907072	**Collection Date:**	07/15/09 11:25
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.2	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-DL-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	65		12	0.97	mg/Kg-dry	100	07/28/09 16:42

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

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CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-021A**
Project:	Tract II	**Client Sample ID:**	*TP-33-2*
W Order:	0907072	**Collection Date:**	07/15/09 11:45
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 26.3	**BatchNo:** 9781/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.3		0.14	0.011	mg/Kg-dry	1	07/28/09 14:33

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-022A**
Project:	Tract II	**Client Sample ID:**	*TP-33-3*
W Order:	0907072	**Collection Date:**	07/15/09 11:50
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 20.5	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.21		0.13	0.011	mg/Kg-dry	1	07/28/09 14:50

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-023A**
Project:	Tract II	**Client Sample ID:**	***TP-34-2***
W Order:	0907072	**Collection Date:**	07/15/09 12:40
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 13.3	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.67		0.12	0.0096	mg/Kg-dry	1	07/28/09 14:52

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-024A**
Project:	Tract II	**Client Sample ID:**	***TP-34-3***
W Order:	0907072	**Collection Date:**	07/15/09 12:44
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 15.1	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.077	J	0.12	0.0098	mg/Kg-dry	1	07/28/09 14:54

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-025A**
Project:	Tract II	**Client Sample ID:**	***TP-34-4***
W Order:	0907072	**Collection Date:**	07/15/09 12:46
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 13.9	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.056	J	0.12	0.0097	mg/Kg-dry	1	07/28/09 14:56

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-026A**
Project:	Tract II	**Client Sample ID:**	***TP-34-5***
W Order:	0907072	**Collection Date:**	07/15/09 12:48
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 26.6	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.12	J	0.14	0.011	mg/Kg-dry	1	07/28/09 14:58

Qualifiers:	*	Value exceeds Maximum Contaminant Level		B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range		H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL		ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit		S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-027A**
Project:	Tract II	**Client Sample ID:**	***TP-36-2***
W Order:	0907072	**Collection Date:**	07/15/09 13:12
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 10.4	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.12		0.11	0.0093	mg/Kg-dry	1	07/28/09 15:01

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 13:01 462997 **Project Supervisor:** Anthony Crescenzi

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-028A**
Project:	Tract II	**Client Sample ID:**	*TP-36-3*
W Order:	0907072	**Collection Date:**	07/15/09 13:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 17.3	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.21		0.12	0.010	mg/Kg-dry	1	07/28/09 15:07

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-029A**
Project:	Tract II	**Client Sample ID:**	***TP-36-4***
W Order:	0907072	**Collection Date:**	07/15/09 13:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 13.8	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.14		0.12	0.0097	mg/Kg-dry	1	07/28/09 15:09

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-030A**
Project:	Tract II	**Client Sample ID:**	*TP-36-5*
W Order:	0907072	**Collection Date:**	07/15/09 13:25
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 30.3	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.18		0.14	0.012	mg/Kg-dry	1	07/28/09 15:12

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-031A**
Project:	Tract II	**Client Sample ID:**	*TP-37-2*
W Order:	0907072	**Collection Date:**	07/15/09 13:50
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 19.1	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.26		0.12	0.010	mg/Kg-dry	1	07/28/09 15:14

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-032A**
Project:	Tract II	**Client Sample ID:**	*TP-37-3*
W Order:	0907072	**Collection Date:**	07/15/09 13:52
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 15.3	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.17		0.12	0.0099	mg/Kg-dry	1	07/28/09 15:16

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-033A**
Project:	Tract II	**Client Sample ID:**	***TP-37-5***
W Order:	0907072	**Collection Date:**	07/15/09 13:56
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 12.5	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.022	J	0.11	0.0095	mg/Kg-dry	1	07/28/09 15:18

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 13:01 463005 **Project Supervisor:** Anthony Crescenzi

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-034A**
Project:	Tract II	**Client Sample ID:**	***TP-37-6***
W Order:	0907072	**Collection Date:**	07/15/09 13:59
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 29.5	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.28		0.14	0.012	mg/Kg-dry	1	07/28/09 15:20

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-035A**
Project:	Tract II	**Client Sample ID:**	*TP-38-2*
W Order:	0907072	**Collection Date:**	07/15/09 14:10
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 21.8	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.6		0.13	0.011	mg/Kg-dry	1	07/28/09 15:22

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-036A**
Project:	Tract II	**Client Sample ID:**	***TP-38-3***
W Order:	0907072	**Collection Date:**	07/15/09 14:15
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 10.6	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.27		0.11	0.0093	mg/Kg-dry	1	07/28/09 15:24

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-037A**
Project:	Tract II	**Client Sample ID:**	***TP-38-4***
W Order:	0907072	**Collection Date:**	07/15/09 14:17
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.7	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.32		0.12	0.0098	mg/Kg-dry	1	07/28/09 15:27

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 13:01 463009 **Project Supervisor:** Anthony Crescenzi

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-038A**
Project:	Tract II	**Client Sample ID:**	***TP-38-5***
W Order:	0907072	**Collection Date:**	07/15/09 14:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 32.4	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.22		0.15	0.012	mg/Kg-dry	1	07/28/09 15:44

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-039A**
Project:	Tract II	**Client Sample ID:**	***TP-38-6***
W Order:	0907072	**Collection Date:**	07/15/09 14:24
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 17.7	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.32		0.12	0.010	mg/Kg-dry	1	07/28/09 15:33

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-040A**
Project:	Tract II	**Client Sample ID:**	*TP-39-2*
W Order:	0907072	**Collection Date:**	07/15/09 14:34
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 13.8	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.31		0.12	0.0097	mg/Kg-dry	1	07/28/09 15:35

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-041A**
Project:	Tract II	**Client Sample ID:**	***TP-39-3***
W Order:	0907072	**Collection Date:**	07/15/09 14:36
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.9	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	4.6	E	0.12	0.0098	mg/Kg-dry	1	07/28/09 15:37

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-041ADL**
Project:	Tract II	**Client Sample ID:**	***TP-39-3***
W Order:	0907072	**Collection Date:**	07/15/09 14:36
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.9	**BatchNo:** 9782/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-DL-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	5.4		1.2	0.098	mg/Kg-dry	10	07/28/09 16:58

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-042A**
Project:	Tract II	**Client Sample ID:**	***TP-39-4***
W Order:	0907072	**Collection Date:**	07/15/09 14:39
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.4	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.2		0.12	0.0098	mg/Kg-dry	1	07/28/09 15:50

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 13:01 463020 **Project Supervisor:** Anthony Crescenzi

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-043A**
Project:	Tract II	**Client Sample ID:**	***TP-39-5***
W Order:	0907072	**Collection Date:**	07/15/09 14:44
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 22.4	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.7		0.13	0.011	mg/Kg-dry	1	07/28/09 15:52

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-044A**
Project:	Tract II	**Client Sample ID:**	***TP-39-6***
W Order:	0907072	**Collection Date:**	07/15/09 14:49
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 14.3	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.28		0.12	0.0097	mg/Kg-dry	1	07/28/09 15:59

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-045A**
Project:	Tract II	**Client Sample ID:**	***TP-39-7***
W Order:	0907072	**Collection Date:**	07/15/09 14:55
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 17.4	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.51		0.12	0.010	mg/Kg-dry	1	07/28/09 16:01

Qualifiers:	* Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-046A**
Project:	Tract II	**Client Sample ID:**	***TP-39-8***
W Order:	0907072	**Collection Date:**	07/15/09 14:59
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 15.9	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.14		0.12	0.0099	mg/Kg-dry	1	07/28/09 16:03

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-047A**
Project:	Tract II	**Client Sample ID:**	***TP-39-9***
W Order:	0907072	**Collection Date:**	07/15/09 15:01
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 38.2	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.17		0.16	0.014	mg/Kg-dry	1	07/28/09 16:05

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-048A**
Project:	Tract II	**Client Sample ID:**	***TP-40-2***
W Order:	0907072	**Collection Date:**	07/15/09 15:20
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 13.8	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.6		0.12	0.0097	mg/Kg-dry	1	07/28/09 16:07

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-049A**
Project:	Tract II	**Client Sample ID:**	***TP-40-3***
W Order:	0907072	**Collection Date:**	07/15/09 15:24
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 18.1	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	1.0		0.12	0.010	mg/Kg-dry	1	07/28/09 16:10

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-050A**
Project:	Tract II	**Client Sample ID:**	***TP-40-4***
W Order:	0907072	**Collection Date:**	07/15/09 15:26
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 18.9	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.87		0.12	0.010	mg/Kg-dry	1	07/28/09 16:12

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-051A**
Project:	Tract II	**Client Sample ID:**	***TP-40-5***
W Order:	0907072	**Collection Date:**	07/15/09 15:30
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 21.8	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.41		0.13	0.011	mg/Kg-dry	1	07/28/09 16:14

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 07/29/09 13:01 463031 **Project Supervisor:** Anthony Crescenzi

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-052A**
Project:	Tract II	**Client Sample ID:**	***TP-40-6***
W Order:	0907072	**Collection Date:**	07/15/09 15:32
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 27.4	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.42		0.14	0.012	mg/Kg-dry	1	07/28/09 16:16

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-053A**
Project:	Tract II	**Client Sample ID:**	***TP-40-7***
W Order:	0907072	**Collection Date:**	07/15/09 15:37
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 44.1	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	2.3		0.18	0.015	mg/Kg-dry	1	07/28/09 16:18

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-054A**
Project:	Tract II	**Client Sample ID:**	***TP-40-8***
W Order:	0907072	**Collection Date:**	07/15/09 15:41
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 0.3 g	**PrepDate:** 07/27/09 0:00
ColumnID:		**%Moisture:** 27.7	**BatchNo:** 9783/R17964
Revision:	07/29/09 12:21	**TestCode:** HG7471S	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.81		0.14	0.012	mg/Kg-dry	1	07/28/09 16:25

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-055A**
Project:	Tract II	**Client Sample ID:**	***TP-DUP***
W Order:	0907072	**Collection Date:**	07/15/09 0:00
Matrix:	SOIL	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100 **Sample Size:** 0.3 g	**PrepDate:**	07/27/09 0:00
ColumnID:	**%Moisture:** 22.5	**BatchNo:**	9783/R17964
Revision:	07/29/09 12:21 **TestCode:** HG7471S	**FileID:**	1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7471A**		**(SW7471A)**
Mercury	0.21		0.13	0.011	mg/Kg-dry	1	07/28/09 16:27

Qualifiers:	* Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0907072-056A**
Project:	Tract II	**Client Sample ID:**	***TP-Rinsate***
W Order:	0907072	**Collection Date:**	07/15/09 17:00
Matrix:	WATER Q	**Date Received:**	07/16/09 9:50
Inst. ID:	FIMS 100	**Sample Size:** 50 mL	**PrepDate:** 07/22/09 0:00
ColumnID:		**%Moisture:**	**BatchNo:** 9753/R17907
Revision:	07/23/09 8:40	**TestCode:** HG7470W	**FileID:** 1-SAMP-
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
MERCURY					**SW7470A**		**(SW7470A)**
Mercury	ND		0.00020	0.000050	mg/L	1	07/22/09 16:09

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
	P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: ICV	SampType: ICV	TestCode: HG7470W	Units: mg/L	Prep Date:			RunNo:	17907	
Client ID: ZZZZZ	Batch ID: R17907	Method: SW7470A		Analysis Date: 7/22/2009			SeqNo:	461129	
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00399	0.00020	0.004	0	100	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: IPC	SampType: CCV	TestCode: HG7470W	Units: mg/L	Prep Date:		RunNo: 17907	
Client ID: ZZZZZ	Batch ID: R17907	Method: SW7470A		Analysis Date: 7/22/2009		SeqNo: 461130	
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00514	0.00020	0.005	0	103	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **ICB**	SampType: **ICB**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:			RunNo: **17907**						
Client ID: **ZZZZZ**	Batch ID: **R17907**	Method: **SW7470A**		Analysis Date: **7/22/2009**			SeqNo: **461131**						
Instrument:	ColumnID:												

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: **CCV1**	SampType: **CCV**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:		RunNo:	**17907**
Client ID: **ZZZZZ**	Batch ID: **R17907**	Method: **SW7470A**		Analysis Date: **7/22/2009**		SeqNo:	**461142**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00205	0.00020	0.002	0	103	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCB1	SampType: CCB	TestCode: HG7470W	Units: mg/L	Prep Date:		RunNo: 17907	
Client ID: ZZZZZ	Batch ID: R17907	Method: SW7470A		Analysis Date: 7/22/2009		SeqNo: 461143	
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	CCV2	SampType:	CCV	TestCode:	HG7470W	Units:	mg/L	Prep Date:		RunNo:	17907	
Client ID:	ZZZZZ	Batch ID:	R17907	Method:	SW7470A			Analysis Date:	7/22/2009	SeqNo:	461154	
Instrument:		ColumnID:										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00206	0.00020	0.002	0	103	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	**CCB2**	SampType:	**CCB**	TestCode:	**HG7470W**	Units:	**mg/L**	Prep Date:			RunNo:	**17907**	
Client ID:	**ZZZZZ**	Batch ID:	**R17907**	Method:	**SW7470A**			Analysis Date:	**7/22/2009**		SeqNo:	**461155**	
Instrument:		ColumnID:											

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: ICV | SampType: ICV | TestCode: HG7470W | Units: mg/L | Prep Date: | RunNo: 17964
Client ID: ZZZZZ | Batch ID: R17964 | Method: SW7470A | Analysis Date: 7/28/2009 | SeqNo: 462940
Instrument: | ColumnID:

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00413	0.00020	0.004	0	103	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **ICB**	SampType: **ICB**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:			RunNo: **17964**						
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**			SeqNo: **462941**						
Instrument:	ColumnID:												

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV1**	SampType: **CCV**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:		RunNo:	**17964**
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**		SeqNo:	**462950**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00214	0.00020	0.002	0	107	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCB1**	SampType: **CCB**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:			RunNo: **17964**						
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**			SeqNo: **462951**						
Instrument:	ColumnID:												

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV2**	SampType: **CCV**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:		RunNo:	**17964**
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**		SeqNo:	**462962**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00224	0.00020	0.002	0	112	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCB2**	SampType: **CCB**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:			RunNo: **17964**						
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**			SeqNo: **462963**						
Instrument:	ColumnID:												
Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Mercury	ND	0.00020											

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **ICV**	SampType: **ICV**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:		RunNo:	**17964**
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**		SeqNo:	**462971**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00411	0.00020	0.004	0	103	90	110				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A

Work Order: 0907072

Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **ICB**	SampType: **ICB**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:		RunNo: **17964**							
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**		SeqNo: **462972**							
Instrument:	ColumnID:												
Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Mercury	ND	0.00020											

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCV3	SampType: CCV	TestCode: HG7470W	Units: mg/L	Prep Date:		RunNo: 17964	
Client ID: ZZZZZ	Batch ID: R17964	Method: SW7470A		Analysis Date: 7/28/2009		SeqNo: 462974	
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00218	0.00020	0.002	0	109	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	CCB3	SampType:	CCB	TestCode:	HG7470W	Units:	mg/L	Prep Date:		RunNo:	17964		
Client ID:	ZZZZZ	Batch ID:	R17964	Method:	SW7470A			Analysis Date:	7/28/2009	SeqNo:	462975		
Instrument:		ColumnID:											

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV4**	SampType: **CCV**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:		RunNo:	**17964**
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**		SeqNo:	**462986**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00214	0.00020	0.002	0	107	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCB4** SampType: **CCB** TestCode: **HG7470W** Units: **mg/L** Prep Date: RunNo: **17964**
Client ID: **ZZZZZ** Batch ID: **R17964** Method: **SW7470A** Analysis Date: **7/28/2009** SeqNo: **462987**
Instrument: ColumnID:

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV5**	SampType: **CCV**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:		RunNo:	**17964**
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**		SeqNo:	**462998**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00213	0.00020	0.002	0	106	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A

Work Order: 0907072

Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCB5**	SampType: **CCB**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:				RunNo: **17964**					
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**				SeqNo: **462999**					
Instrument:	ColumnID:												
Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Mercury	ND	0.00020											

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV6**	SampType: **CCV**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:		RunNo:	**17964**
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**		SeqNo:	**463010**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00212	0.00020	0.002	0	106	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	CCB6	SampType:	CCB	TestCode:	HG7470W	Units:	mg/L	Prep Date:		RunNo:	17964		
Client ID:	ZZZZZ	Batch ID:	R17964	Method:	SW7470A			Analysis Date:	7/28/2009	SeqNo:	463011		
Instrument:		ColumnID:											

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	CCV7	SampType:	CCV	TestCode:	HG7470W	Units:	mg/L	Prep Date:		RunNo:	17964	
Client ID:	ZZZZZ	Batch ID:	R17964	Method:	SW7470A			Analysis Date:	7/28/2009	SeqNo:	463022	
Instrument:		ColumnID:										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00216	0.00020	0.002	0	108	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	CCB7	SampType:	CCB	TestCode:	HG7470W	Units:	mg/L	Prep Date:			RunNo:	17964	
Client ID:	ZZZZZ	Batch ID:	R17964	Method:	SW7470A			Analysis Date:	7/28/2009		SeqNo:	463023	
Instrument:		ColumnID:											

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV8**	SampType: **CCV**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:		RunNo:	**17964**
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**		SeqNo:	**463034**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00215	0.00020	0.002	0	107	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCB8**	SampType: **CCB**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:		RunNo:	**17964**
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**		SeqNo:	**463035**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV9**	SampType: **CCV**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:		RunNo:	**17964**
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**		SeqNo:	**463045**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00215	0.00020	0.002	0	107	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCB9**	SampType: **CCB**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:		RunNo:	**17964**
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**		SeqNo:	**463046**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV10**	SampType: **CCV**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:		RunNo:	**17964**
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**		SeqNo:	**463051**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00215	0.00020	0.002	0	108	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	CCB10	SampType:	CCB	TestCode:	HG7470W	Units:	mg/L	Prep Date:			RunNo:	17964	
Client ID:	ZZZZZ	Batch ID:	R17964	Method:	SW7470A			Analysis Date:	7/28/2009		SeqNo:	463052	
Instrument:		ColumnID:											

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **CCV11**	SampType: **CCV**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date:		RunNo:	**17964**
Client ID: **ZZZZZ**	Batch ID: **R17964**	Method: **SW7470A**		Analysis Date: **7/28/2009**		SeqNo:	**463057**
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00215	0.00020	0.002	0	107	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: CCB11	SampType: CCB	TestCode: HG7470W	Units: mg/L	Prep Date:			RunNo: 17964						
Client ID: ZZZZZ	Batch ID: R17964	Method: SW7470A		Analysis Date: 7/28/2009			SeqNo: 463058						
Instrument:	ColumnID:												

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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2B
CRDL STANDARD FOR AA AND ICP

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

AA CRDL Standard Source:

ICP CRDL Standard Source:

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.19	95.9					

2B
CRDL STANDARD FOR AA AND ICP

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

AA CRDL Standard Source:

ICP CRDL Standard Source:

Concentration Units: ug/L

	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
Analyte	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.19	96.4					
Mercury	0.2	0.20	101.4					

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **MB-9753**	SampType: **MBLK**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date: **7/22/2009**	RunNo: **17907**				
Client ID: **ZZZZZ**	Batch ID: **9753**	Method: **SW7470A**	**(SW7470A)**	Analysis Date: **7/22/2009**	SeqNo: **461133**				
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00020									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **MB-9781**	SampType: **MBLK**	TestCode: **HG7471S**	Units: **mg/Kg**		Prep Date: **7/27/2009**			RunNo: **17964**				
Client ID: **ZZZZZ**	Batch ID: **9781**	Method: **SW7471A**	**(SW7471A)**		Analysis Date: **7/28/2009**			SeqNo: **462945**				
Instrument:	ColumnID:											

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **MB-9782**	SampType: **MBLK**	TestCode: **HG7471S**	Units: **mg/Kg**	Prep Date: **7/27/2009**	RunNo: **17964**		
Client ID: **ZZZZZ**	Batch ID: **9782**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**	SeqNo: **462985**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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e: *29-Jul-09*

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	**MB-9783**	SampType:	**MBLK**	TestCode:	**HG7471S**	Units:	**mg/Kg**	Prep Date:	**7/27/2009**	RunNo:	**17964**		
Client ID:	**ZZZZZ**	Batch ID:	**9783**	Method:	**SW7471A**	**(SW7471A)**		Analysis Date:	**7/28/2009**	SeqNo:	**463015**		
Instrument:		ColumnID:											

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-001AMS**	SampType: **MS**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**	RunNo: **17964**		
Client ID: **TP-26-2**	Batch ID: **9781**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**	SeqNo: **462948**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.03	0.12	0.407	0.579	111	27	153				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-001AMSD**	SampType: **MSD**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**		RunNo: **17964**	
Client ID: **TP-26-2**	Batch ID: **9781**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**		SeqNo: **462949**	
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.21	0.12	0.407	0.579	156	27	153	1.03	16	15	RS

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: **0907072-019AMS**	SampType: **MS**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**	RunNo: **17964**		
Client ID: **TP-31-4**	Batch ID: **9782**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**	SeqNo: **462990**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.21	0.12	0.415	0.661	131	27	153				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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29-Jul-09

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-019AMSD**	SampType: **MSD**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**		RunNo: **17964**			
Client ID: **TP-31-4**	Batch ID: **9782**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**		SeqNo: **462991**			
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.08	0.12	0.415	0.661	101	27	153	1.21	11	15	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-038AMS**	SampType: **MS**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**	RunNo: **17964**		
Client ID: **TP-38-5**	Batch ID: **9783**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**	SeqNo: **463018**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.744	0.15	0.494	0.224	105	27	153				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	**0907072-038AMSD**	SampType:	**MSD**	TestCode:	**HG7471S**	Units:	**mg/Kg-dry**	Prep Date:	**7/27/2009**	RunNo:	**17964**
Client ID:	**TP-38-5**	Batch ID:	**9783**	Method:	**SW7471A**		**(SW7471A)**	Analysis Date:	**7/28/2009**	SeqNo:	**463019**
Instrument:		ColumnID:									

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.738	0.15	0.494	0.224	104	27	153	0.744	0.9	15	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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29-Jul-09

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-001A**	SampType: **PDS**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**		RunNo: **17964**	
Client ID: **TP-26-2**	Batch ID: **9781**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**		SeqNo: **463043**	
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.01	0.12	0.407	0.579	107	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-019A**	SampType: **PDS**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**		RunNo: **17964**	
Client ID: **TP-31-4**	Batch ID: **9782**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**		SeqNo: **463047**	
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.07	0.12	0.415	0.661	98	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-038A**	SampType: **PDS**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**		RunNo: **17964**			
Client ID: **TP-38-5**	Batch ID: **9783**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**		SeqNo: **463050**			
Instrument:	ColumnID:								

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.740	0.15	0.494	0.224	105	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **LCS-9781**	SampType: **LCS**	TestCode: **HG7471S**	Units: **mg/Kg**	Prep Date: **7/27/2009**	RunNo: **17964**		
Client ID: **ZZZZZ**	Batch ID: **9781**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**	SeqNo: **462946**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.766	0.10	0.835	0	92	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **LCS-9782**	SampType: **LCS**	TestCode: **HG7471S**	Units: **mg/Kg**	Prep Date: **7/27/2009**	RunNo: **17964**		
Client ID: **ZZZZZ**	Batch ID: **9782**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**	SeqNo: **462988**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.770	0.10	0.835	0	92	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: LCS-9783	SampType: LCS	TestCode: HG7471S	Units: mg/Kg	Prep Date: 7/27/2009	RunNo: 17964		
Client ID: ZZZZZ	Batch ID: 9783	Method: SW7471A	(SW7471A)	Analysis Date: 7/28/2009	SeqNo: 463016		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.783	0.10	0.835	0	94	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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29-Jul-09

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ANALYTICAL QC SUMMARY REPORT

Method: SW7470A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **LCS-9753**	SampType: **LCS**	TestCode: **HG7470W**	Units: **mg/L**	Prep Date: **7/22/2009**	RunNo: **17907**		
Client ID: **ZZZZZ**	Batch ID: **9753**	Method: **SW7470A**	**(SW7470A)**	Analysis Date: **7/22/2009**	SeqNo: **461134**		
Instrument:	ColumnID:						

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00518	0.00020	0.005	0	104	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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29-Jul-09

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-001A**	SampType: **SD**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**	RunNo: **17964**						
Client ID: **TP-26-2**	Batch ID: **9781**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**	SeqNo: **463042**						
Instrument:	ColumnID:										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%D	RPDLimit	Qual
Mercury	0.550	0.61						0.579	4.9	10	J

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

902 :

29-Jul-09

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-019A**	SampType: **SD**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**	RunNo: **17964**						
Client ID: **TP-31-4**	Batch ID: **9782**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**	SeqNo: **463044**						
Instrument:	ColumnID:										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%D	RPDLimit	Qual
Mercury	0.621	0.62						0.661	6.1	10	J

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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29-Jul-09

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ANALYTICAL QC SUMMARY REPORT

Method: SW7471A
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-038A**	SampType: **SD**	TestCode: **HG7471S**	Units: **mg/Kg-dry**	Prep Date: **7/27/2009**	RunNo: **17964**						
Client ID: **TP-38-5**	Batch ID: **9783**	Method: **SW7471A**	**(SW7471A)**	Analysis Date: **7/28/2009**	SeqNo: **463049**						
Instrument:	ColumnID:										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%D	RPDLimit	Qual
Mercury	0.198	0.74						0.224		10	J

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

904 :

29-Jul-09

METALS MDL Verification Summary

Instrument ID(s): FIMS-100												Verification Date: 6/12/2009				
Analytical Method	Matrix	Analyte	Date of Init MDL	Init MDL (mg/Kg)	RL (mg/Kg)	MDL Ver Conc. #1	MDL Ver Result#1	MDL Ver %Rec	Is Rec 60-140%	Is MDLV 1-3xMDL?	Does MDL Verify?	If 'no' use MDLV#1?	MDL Ver Conc. #2	MDL Ver Result#2	New MDLV %Rec	New LOD mg/Kg	Is New LOD < .5*LOQ?
7471A	Soil	Mercury	01/03/06	0.00337	0.100	**0.00835**	0.00662	79%	yes	yes	yes					**0.00835**	yes
245.5	Soil	Mercury	01/03/06	0.00337	0.100	**0.00835**	0.00662	79%	yes	yes	yes					**0.00835**	yes

MDLs are calculated using the method in Appendix B, Part 136, Revision 1.11 of the Federal Register, Volume 49, No. 209, October 1984.

MDL=(S.Dev) x (t-value)

The MDL is a statistical measurement which defines the theoretical minimum concentration of a substance which can be measured and reported with 99% confidence that the analyte concentration is greater than zero.

METALS MDL Verification Summary

Instrument ID(s): FIMS-100									Verification Date: 6/10/2009								
Analytical Method	Matrix	Analyte	Date of Init MDL	Init MDL (ug/L)	RL (ug/L)	MDL Ver Conc. #1	MDL Ver Result#1	MDL Ver %Rec	Is Rec 60-140%	Is MDLV 1-3xMDL?	Does MDL Verify?	If 'no' use MDLV#1?	MDL Ver Conc. #2	MDL Ver Result#2	New MDLV %Rec	New LOD ug/L	Is New LOD < .5*LOQ?
7470A	Water	Mercury	09/13/05	0.0260	0.200	**0.050**	0.0548	110%	yes	yes	yes					**0.050**	yes
245.1	Water	Mercury	09/13/05	0.0260	0.200	**0.050**	0.0548	110%	yes	yes	yes					**0.050**	yes

MDLs are calculated using the method in Appendix B, Part 136, Revision 1.11 of the Federal Register, Volume 49, No. 209, October 1984.

MDL=(S.Dev) x (t-value)

The MDL is a statistical measurement which defines the theoretical minimum concentration of a substance which can be measured and reported with 99% confidence that the analyte concentration is greater than zero.

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PREPARATION LOG

Lab Name: Life Science Laboratories, Inc. Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Method: AV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCS-9753	07/22/2009		50
MB-9753	07/22/2009		50
TP-Rinsate	07/22/2009		50

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PREPARATION LOG

Lab Name: Life Science Laboratories, Inc. Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Method: AV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCS-9781	07/27/2009	0.30	50
MB-9781	07/27/2009	0.30	50
TP-26-2	07/27/2009	0.30	50
TP-26-2S	07/27/2009	0.30	50
TP-26-2SD	07/27/2009	0.30	50
TP-26-3	07/27/2009	0.30	50
TP-26-4	07/27/2009	0.30	50
TP-26-5	07/27/2009	0.30	50
TP-26-6	07/27/2009	0.30	50
TP-27-2	07/27/2009	0.30	50
TP-27-3	07/27/2009	0.30	50
TP-27-4	07/27/2009	0.30	50
TP-27-6	07/27/2009	0.30	50
TP-28-2	07/27/2009	0.30	50
TP-28-3	07/27/2009	0.30	50
TP-29-2	07/27/2009	0.30	50
TP-30-2	07/27/2009	0.30	50
TP-30-3	07/27/2009	0.30	50
TP-30-4	07/27/2009	0.30	50
TP-30-5	07/27/2009	0.30	50
TP-31-2	07/27/2009	0.30	50
TP-31-3	07/27/2009	0.30	50
TP-32-2	07/27/2009	0.30	50
TP-33-2	07/27/2009	0.30	50

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PREPARATION LOG

Lab Name: Life Science Laboratories, Inc. Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Method: AV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCS-9782	07/27/2009	0.30	50
MB-9782	07/27/2009	0.30	50
TP-31-4	07/27/2009	0.30	50
TP-31-4S	07/27/2009	0.30	50
TP-31-4SD	07/27/2009	0.30	50
TP-33-3	07/27/2009	0.30	50
TP-34-2	07/27/2009	0.30	50
TP-34-3	07/27/2009	0.30	50
TP-34-4	07/27/2009	0.30	50
TP-34-5	07/27/2009	0.30	50
TP-36-2	07/27/2009	0.30	50
TP-36-3	07/27/2009	0.30	50
TP-36-4	07/27/2009	0.30	50
TP-36-5	07/27/2009	0.30	50
TP-37-2	07/27/2009	0.30	50
TP-37-3	07/27/2009	0.30	50
TP-37-5	07/27/2009	0.30	50
TP-37-6	07/27/2009	0.30	50
TP-38-2	07/27/2009	0.30	50
TP-38-3	07/27/2009	0.30	50
TP-38-4	07/27/2009	0.30	50
TP-38-6	07/27/2009	0.30	50
TP-39-2	07/27/2009	0.30	50
TP-39-3	07/27/2009	0.30	50

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PREPARATION LOG

Lab Name: Life Science Laboratories, Inc. Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Method: AV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCS-9783	07/27/2009	0.30	50
MB-9783	07/27/2009	0.30	50
TP-38-5	07/27/2009	0.30	50
TP-38-5S	07/27/2009	0.30	50
TP-38-5SD	07/27/2009	0.30	50
TP-39-4	07/27/2009	0.30	50
TP-39-5	07/27/2009	0.30	50
TP-39-6	07/27/2009	0.30	50
TP-39-7	07/27/2009	0.30	50
TP-39-8	07/27/2009	0.30	50
TP-39-9	07/27/2009	0.30	50
TP-40-2	07/27/2009	0.30	50
TP-40-3	07/27/2009	0.30	50
TP-40-4	07/27/2009	0.30	50
TP-40-5	07/27/2009	0.30	50
TP-40-6	07/27/2009	0.30	50
TP-40-7	07/27/2009	0.30	50
TP-40-8	07/27/2009	0.30	50
TP-DUP	07/27/2009	0.30	50

14
ANALYSIS RUN LOG

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Instrument ID Number: FIMS 100 Method: AV

Start Date: 07/22/2009 End Date: 07/22/2009

EPA Sample No.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1509																X								
S0.2	1.00	1511																X								
S0.5	1.00	1513																X								
S1.0	1.00	1515																X								
S2.0	1.00	1517																X								
S5.0	1.00	1519																X								
S10.0	1.00	1522																X								
ICV	1.00	1526																X								
IPC	1.00	1528																X								
ICB	1.00	1530																X								
CRA	1.00	1532																X								
MB-9753	1.00	1535																X								
~~MB-9753~~	~~1.00~~	~~1535~~																X								
LCS-9753	1.00	1537	AT 7.24.09															X								
~~LCS-9753~~	~~1.00~~	~~1537~~																X								
ZZZZZZ	1.00	1539																								
ZZZZZZ	1.00	1541																								
ZZZZZZ	1.00	1543																								
ZZZZZZ	1.00	1546																								
ZZZZZZ	1.00	1548																								
ZZZZZZ	1.00	1550																								
ZZZZZZ	1.00	1552																								
CCV1	1.00	1554																X								
CCB1	1.00	1556																X								
ZZZZZZ	1.00	1558																								
ZZZZZZ	1.00	1601																								
ZZZZZZ	1.00	1603																								
ZZZZZZ	1.00	1605																								
ZZZZZZ	1.00	1607																								
TP-Rinsate	1.00	1609																X								
ZZZZZZ	1.00	1612																								
ZZZZZZ	1.00	1614																								
ZZZZZZ	1.00	1616																								
ZZZZZZ	1.00	1618																								
CCV2	1.00	1620																X								

14
ANALYSIS RUN LOG

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Instrument ID Number: FIMS 100 Method: AV

Start Date: 07/22/2009 End Date: 07/22/2009

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB2	1.00	1622																X									
ZZZZZZ	1.00	1625																									
TBLK2-9726	1.00	1627																X									
TBLK2-9734	1.00	1629																X									
TBLK1-9734	1.00	1631																X									
ZZZZZZ	1.00	1633																									
ZZZZZZ	1.00	1635																									
ZZZZZZ	1.00	1637																									
ZZZZZZ	1.00	1640																									
ZZZZZZ	1.00	1642																									
ZZZZZZ	1.00	1644																									
CCV3	1.00	1646																X									
CCB3	1.00	1651																X									
ZZZZZZ	1.00	1653																									
ZZZZZZ	1.00	1655																									
ZZZZZZ	1.00	1658																									
ZZZZZZ	1.00	1700																									
ZZZZZZ	1.00	1702																									
ZZZZZZ	1.00	1704																									
ZZZZZZ	1.00	1706																									
ZZZZZZ	1.00	1708																									
ZZZZZZ	1.00	1710																									
ZZZZZZ	1.00	1713																									
CCV4	1.00	1715																X									
CCB4	1.00	1717																X									
ZZZZZZ	1.00	1719																									
ZZZZZZ	1.00	1721																									
ZZZZZZ	1.00	1724																									
ZZZZZZ	1.00	1726																									
ZZZZZZ	1.00	1728																									
ZZZZZZ	1.00	1730																									
ZZZZZZ	1.00	1732																									
ZZZZZZ	5.00	1734																									
ZZZZZZ	1.00	1736																									
ZZZZZZ	5.00	1738																									

14
ANALYSIS RUN LOG

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Instrument ID Number: FIMS 100 Method: AV

Start Date: 07/28/2009 End Date: 07/28/2009

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0956																X									
S0.2	1.00	0958																X									
S0.5	1.00	1000																X									
S1.0	1.00	1002																X									
S2.0	1.00	1005																X									
S5.0	1.00	1007																X									
S10.0	1.00	1009																X									
ICV	1.00	1015																X									
ICB	1.00	1017																X									
CRA	1.00	1019																X									
ZZZZZZ	20.00	1031																									
ZZZZZZ	20.00	1033																									
MB-9781	1.00	1045																X									
LCS-9781	1.00	1047																X									
TP-26-2	1.00	1049																X									
TP-26-2S	1.00	1051																X									
TP-26-2SD	1.00	1053																X									
CCV1	1.00	1055																X									
CCB1	1.00	1057																X									
TP-26-3	1.00	1100																X									
TP-26-4	1.00	1102																X									
TP-26-5	1.00	1104																X									
TP-26-6	1.00	1106																X									
TP-27-2	1.00	1108																X									
TP-27-3	1.00	1111																X									
TP-27-4	1.00	1113																X									
TP-27-6	1.00	1115																X									
TP-28-2	1.00	1117																X									
TP-28-3	1.00	1119																X									
CCV2	1.00	1134																X									
CCB2	1.00	1138																X									
S0	1.00	1335																X									
S0.2	1.00	1337																X									
S0.5	1.00	1339																X									
S1.0	1.00	1341																X									

14
ANALYSIS RUN LOG

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Instrument ID Number: FIMS 100 Method: AV

Start Date: 07/28/2009 End Date: 07/28/2009

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
S2.0	1.00	1343																X												
S5.0	1.00	1346																X												
S10.0	1.00	1348																X												
ICV	1.00	1351																X												
ICB	1.00	1353																X												
CRA	1.00	1355																X												
CCV3	1.00	1410																X												
CCB3	1.00	1412																X												
TP-29-2	1.00	1414																X												
TP-30-2	1.00	1416																X												
TP-30-3	1.00	1418																X												
TP-30-4	1.00	1420																X												
TP-30-5	1.00	1422																X												
TP-31-2	1.00	1425																X												
TP-31-3	1.00	1427																X												
TP-32-2	1.00	1429																X												
TP-33-2	1.00	1433																X												
MB-9782	1.00	1435																X												
CCV4	1.00	1437																X												
CCB4	1.00	1439																X												
LCS-9782	1.00	1441																X												
TP-31-4	1.00	1444																X												
TP-31-4S	1.00	1446																X												
TP-31-4SD	1.00	1448																X												
TP-33-3	1.00	1450																X												
TP-34-2	1.00	1452																X												
TP-34-3	1.00	1454																X												
TP-34-4	1.00	1456																X												
TP-34-5	1.00	1458																X												
TP-36-2	1.00	1501																X												
CCV5	1.00	1503																X												
CCB5	1.00	1505																X												
TP-36-3	1.00	1507																X												
TP-36-4	1.00	1509																X												
TP-36-5	1.00	1512																X												

14
ANALYSIS RUN LOG

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Instrument ID Number: FIMS 100 Method: AV

Start Date: 07/28/2009 End Date: 07/28/2009

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
TP-37-2	1.00	1514																X									
TP-37-3	1.00	1516																X									
TP-37-5	1.00	1518																X									
TP-37-6	1.00	1520																X									
TP-38-2	1.00	1522																X									
TP-38-3	1.00	1524																X									
TP-38-4	1.00	1527																X									
CCV6	1.00	1529																X									
CCB6	1.00	1531																X									
TP-38-6	1.00	1533																X									
TP-39-2	1.00	1535																X									
TP-39-3	1.00	1537																X									
MB-9783	1.00	1540																X									
LCS-9783	1.00	1542																X									
TP-38-5	1.00	1544																X									
TP-38-5S	1.00	1546																X									
TP-38-5SD	1.00	1548																X									
TP-39-4	1.00	1550																X									
TP-39-5	1.00	1552																X									
CCV7	1.00	1555																X									
CCB7	1.00	1557																X									
TP-39-6	1.00	1559																X									
TP-39-7	1.00	1601																X									
TP-39-8	1.00	1603																X									
TP-39-9	1.00	1605																X									
TP-40-2	1.00	1607																X									
TP-40-3	1.00	1610																X									
TP-40-4	1.00	1612																X									
TP-40-5	1.00	1614																X									
TP-40-6	1.00	1616																X									
TP-40-7	1.00	1618																X									
CCV8	1.00	1620																X									
CCB8	1.00	1623																X									
TP-40-8	1.00	1625																X									
TP-DUP	1.00	1627																X									

14
ANALYSIS RUN LOG

Lab Name: Life Science Laboratories, Inc Contract:

Lab Code: LSLB Case No. SAS No.: SDG No.: 0907072

Instrument ID Number: FIMS 100 Method: AV

Start Date: 07/28/2009 End Date: 07/28/2009

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
TP-27-3	10.00	1635																X									
TP-28-2	1000.00	1638																X									
TP-28-3	1000.00	1640																X									
TP-32-2	100.00	1642																X									
TP-26-2L	5.00	1645																X									
TP-26-2A	1.00	1647																X									
TP-31-4L	5.00	1649																X									
CCV9	1.00	1651																X									
CCB9	1.00	1653																X									
TP-31-4A	1.00	1655																X									
TP-39-3	10.00	1658																X									
TP-38-5L	5.00	1700																X									
TP-38-5A	1.00	1702																X									
CCV10	1.00	1704																X									
CCB10	1.00	1706																X									
ZZZZZZ	1.00	1708																									
ZZZZZZ	1.00	1711																									
ZZZZZZ	1.00	1713																									
ZZZZZZ	1.00	1715																									
CCV11	1.00	1717																X									
CCB11	1.00	1719																X									

RAW DATA

Life Science Laboratories, Inc. **Mercury Run Log**

Method (245.1) / 245.5 / (7470A) / 7471A / CLP

Lab ID	SampType		Date	Time	Conc.	Units	Dilution	RawConc.	Comments
Blank	ICAL	Hg	07/22/2009	15:09:03	0	µg/L	1	0	
0.2 ppb	ICAL	Hg	07/22/2009	15:11:11	0	µg/L	1	0	
0.5 ppb	ICAL	Hg	07/22/2009	15:13:21	0	µg/L	1	0	
1.0 ppb	ICAL	Hg	07/22/2009	15:15:31	0	µg/L	1	0	
2.0 ppb	ICAL	Hg	07/22/2009	15:17:44	0	µg/L	1	0	
5.0 ppb	ICAL	Hg	07/22/2009	15:19:56	0	µg/L	1	0	
10.0 ppb	ICAL	Hg	07/22/2009	15:22:10	0	µg/L	1	0	
ICV	ICV	Hg	07/22/2009	15:26:26	3.985967	µg/L	1	3.985967	
IPC	CCV	Hg	07/22/2009	15:28:34	5.144844	µg/L	1	5.144844	
ICB	ICB	Hg	07/22/2009	15:30:43	-0.00324	µg/L	1	-0.00324	
PQL STD	CRA	Hg	07/22/2009	15:32:53	0.191846	µg/L	1	0.191846	
MB-9753	MBLK	Hg	07/22/2009	15:35:04	0.005219	µg/L	1	0.005219	
LCS-9753	LCS	Hg	07/22/2009	15:37:16	5.175294	µg/L	1	5.175294	
0907070-001B		Hg	07/22/2009	15:39:30	0.052456	µg/L	1	0.052456	
0907070-001BMS	MS	Hg	07/22/2009	15:41:44	0.828346	µg/L	1	0.828346	
0907070-001BMSD	MSD	Hg	07/22/2009	15:43:55	0.781428	µg/L	1	0.781428	
0907070-002B		Hg	07/22/2009	15:46:02	0.014404	µg/L	1	0.014404	
0907070-003B		Hg	07/22/2009	15:48:10	0.010704	µg/L	1	0.010704	
0907070-004B		Hg	07/22/2009	15:50:18	0.021904	µg/L	1	0.021904	
0907070-005B		Hg	07/22/2009	15:52:27	0.009785	µg/L	1	0.009785	
CCV1	CCV	Hg	07/22/2009	15:54:36	2.050279	µg/L	1	2.050279	
CCB1	CCB	Hg	07/22/2009	15:56:45	-0.00536	µg/L	1	-0.00536	
0907070-006B		Hg	07/22/2009	15:58:54	0.07631	µg/L	1	0.07631	
0907070-007B		Hg	07/22/2009	16:01:06	0.02146	µg/L	1	0.02146	
0907070-008B		Hg	07/22/2009	16:03:18	0.054809	µg/L	1	0.054809	
0907070-009B		Hg	07/22/2009	16:05:29	0.01511	µg/L	1	0.01511	
0907070-010B		Hg	07/22/2009	16:07:42	0.018073	µg/L	1	0.018073	
0907072-056A		Hg	07/22/2009	16:09:55	0.002214	µg/L	1	0.002214	
0907079-001B		Hg	07/22/2009	16:12:08	0.008924	µg/L	1	0.008924	
0907088-007B		Hg	07/22/2009	16:14:21	0.013729	µg/L	1	0.013729	
0907088-007BMS	MS	Hg	07/22/2009	16:16:32	0.820582	µg/L	1	0.820582	
0907088-007BMSD	MSD	Hg	07/22/2009	16:18:39	0.838147	µg/L	1	0.838147	
CCV2	CCV	Hg	07/22/2009	16:20:46	2.055716	µg/L	1	2.055716	
CCB2	CCB	Hg	07/22/2009	16:22:53	-0.0063	µg/L	1	-0.0063	
0907093-001B		Hg	07/22/2009	16:25:00	0.04002	µg/L	1	0.04002	
TBLK2-9726	TBLK	Hg	07/22/2009	16:27:10	0.004778	µg/L	1	0.004778	
TBLK2-9734	TBLK	Hg	07/22/2009	16:29:19	0.00678	µg/L	1	0.00678	
TBLK1-9734	TBLK	Hg	07/22/2009	16:31:28	0.006866	µg/L	1	0.006866	
MB-9752	MBLK	Hg	07/22/2009	16:33:37	0.000608	µg/L	1	0.000608	
LCS-9752	LCS	Hg	07/22/2009	16:35:48	5.138184	µg/L	1	5.138184	
0907006-001A		Hg	07/22/2009	16:37:59	0.20258	µg/L	1	0.20258	
0907006-001AMS	MS	Hg	07/22/2009	16:40:10	0.91507	µg/L	1	0.91507	
0907006-001AMSD	MSD	Hg	07/22/2009	16:42:21	0.854574	µg/L	1	0.854574	
0907006-002A		Hg	07/22/2009	16:44:33	0.412526	µg/L	1	0.412526	
CCV3	CCV	Hg	07/22/2009	16:46:46	2.059384	µg/L	1	2.059384	
CCB3	CCB	Hg	07/22/2009	16:51:41	-0.00209	µg/L	1	-0.00209	
0907006-003A		Hg	07/22/2009	16:53:50	0.107202	µg/L	1	0.107202	
0907030-001A		Hg	07/22/2009	16:55:57	0.761743	µg/L	1	0.761743	
0907030-002A		Hg	07/22/2009	16:58:04	0.70514	µg/L	1	0.70514	
0907038-001B		Hg	07/22/2009	17:00:11	0.009254	µg/L	1	0.009254	
0907038-001BMS	MS	Hg	07/22/2009	17:02:18	0.815312	µg/L	1	0.815312	

Analyst: Cang Tran

Date: 7/23/09

Reviewer: [signature]

Date: 7-27-09

Life Science Laboratories, Inc. **Mercury Run Log**

Method: (245.1) / 245.5 / (7470A) / 7471A / CLP

Lab ID	SampType		Date	Time	Conc.	Units	Dilution	RawConc.	Comments
0907038-001BMSD	MSD	Hg	07/22/2009	17:04:27	0.836477	µg/L	1	0.836477	
0907038-002B		Hg	07/22/2009	17:06:36	1.467144	µg/L	1	1.467144	
0907094-001B		Hg	07/22/2009	17:08:45	0.207657	µg/L	1	0.207657	
0907094-001BMS	MS	Hg	07/22/2009	17:10:54	1.259527	µg/L	1	1.259527	
0907094-001BMSD	MSD	Hg	07/22/2009	17:13:04	1.261644	µg/L	1	1.261644	
CCV4	CCV	Hg	07/22/2009	17:15:15	2.062314	µg/L	1	2.062314	
CCB4	CCB	Hg	07/22/2009	17:17:26	-0.00414	µg/L	1	-0.00414	
TBLK2-9668	TBLK	Hg	07/22/2009	17:19:38	0.003657	µg/L	1	0.003657	
TBLK2-9692	TBLK	Hg	07/22/2009	17:21:49	-0.00233	µg/L	1	-0.00233	
TBLK1-9712	TBLK	Hg	07/22/2009	17:24:02	-0.00054	µg/L	1	-0.00054	
TBLK1-9747	TBLK	Hg	07/22/2009	17:26:11	-0.00631	µg/L	1	-0.00631	
MB-9751	MBLK	Hg	07/22/2009	17:28:17	0.000836	µg/L	1	0.000836	
LCS-9751	LCS	Hg	07/22/2009	17:30:24	5.2002	µg/L	1	5.2002	
0907065-002A		Hg	07/22/2009	17:32:31	0.038993	µg/L	1	0.038993	
0907088-007B	SD	Hg	07/22/2009	17:34:38	-0.00624	µg/L	5	-0.00125	Dilution Test
0907088-007B	PDS	Hg	07/22/2009	17:36:46	2.100045	µg/L	1	2.100045	Recovery Test
0907094-001B	SD	Hg	07/22/2009	17:38:55	0.216325	µg/L	5	0.043265	Dilution Test
CCV5	CCV	Hg	07/22/2009	17:41:04	2.079404	µg/L	1	2.079404	(SA = 2 µg/L)
CCB5	CCB	Hg	07/22/2009	17:43:14	-0.006	µg/L	1	-0.006	J
0907094-001B	PDS	Hg	07/22/2009	17:45:24	2.136288	µg/L	1	2.136288	Recovery Test
KMnO4 3108-R		Hg	07/22/2009	17:47:35	0.002809	µg/L	1	0.002809	Reagent check
Hydroxyl 3109-R		Hg	07/22/2009	17:49:46	0.002094	µg/L	1	0.002094	
CCV6	CCV	Hg	07/22/2009	17:51:57	2.072539	µg/L	1	2.072539	
CCB6	CCB	Hg	07/22/2009	17:54:09	-0.00491	µg/L	1	-0.00491	

Analyst: Cang Tran

Date: 7/23/09

Reviewer: [signature]

Date: 7-27-

Method Name: Hg10
Method Description: Hg with SnCl
Element: Hg

Date: 07/22/2009
Technique:FI-MHS
Calibration Type:
Hg, Zero Intercept: Linear
Wavelength: 253.7 nm
Sample Info Name: SAMPLE-W.SIF Results Data Set Name: HG072209

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 07/22/2009
Sample ID: Blank,

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0004	0.0032	0.0004	03:08:24	No
2			0.0004	0.0024	0.0004	03:09:03	No
Mean:			0.0004				
SD :			0.0000				
%RSD:			10.3302				

Auto-zero performed.

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 07/22/2009
Sample ID: 0.2 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0035	0.0229	0.0039	03:10:33	No
2			0.0035	0.0240	0.0039	03:11:11	No
Mean:			0.0035				
SD :			0.0000				
%RSD:			0.1243				

[Hg] Standard number 1 applied. [0.200]
Correlation Coefficient: 1.00000 Slope: 0.01741

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 07/22/2009
Sample ID: 0.5 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0087	0.0547	0.0091	03:12:43	No
2			0.0087	0.0537	0.0091	03:13:21	No
Mean:			0.0087				
SD :			0.0000				
%RSD:			0.3431				

[Hg] Standard number 2 applied. [0.500]
Correlation Coefficient: 1.00000 Slope: 0.01743

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 07/22/2009
Sample ID: 1.0 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0178	0.1055	0.0182	03:14:53	No
2			0.0176	0.1080	0.0180	03:15:31	No
Mean:			0.0177				
SD :			0.0002				
%RSD:			0.8741				

CT
7/23/09

[Hg] Standard number 3 applied. [1.000]
Correlation Coefficient: 0.99993 Slope: 0.01762

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Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 07/22/2009
Sample ID: 2.0 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0364	0.2125	0.0368	03:17:06	No
2			0.0360	0.2191	0.0364	03:17:44	No
Mean:			0.0362				
SD :			0.0003				
%RSD:			0.7772				

[Hg] Standard number 4 applied. [2.000]
Correlation Coefficient: 0.99981 Slope: 0.01799

Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 07/22/2009
Sample ID: 5.0 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0895	0.5223	0.0899	03:19:18	No
2			0.0886	0.5362	0.0890	03:19:56	No
Mean:			0.0890				
SD :			0.0006				
%RSD:			0.7087				

[Hg] Standard number 5 applied. [5.000]
Correlation Coefficient: 0.99996 Slope: 0.01784

Element: Hg Seq. No.: 7 AS Loc.: 7 Date: 07/22/2009
Sample ID: 10.0 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1709	1.0094	0.1713	03:21:32	No
2			0.1693	1.0322	0.1697	03:22:10	No
Mean:			0.1701				
SD :			0.0012				
%RSD:			0.6796				

[Hg] Standard number 6 applied. [10.00]
Correlation Coefficient: 0.99962 Slope: 0.01721

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Blank,	0.0004	---	----	----	----
0.2 ppb	0.0035	0.200	0.202	0.0000	0.1
0.5 ppb	0.0087	0.500	0.506	0.0000	0.3
1.0 ppb	0.0177	1.000	1.027	0.0002	0.9
2.0 ppb	0.0362	2.000	2.103	0.0003	0.8
5.0 ppb	0.0890	5.000	5.173	0.0006	0.7
10.0 ppb	0.1701	10.000	9.884	0.0012	0.7
Correlation Coefficient: 0.99962		Slope:	0.01721	----	

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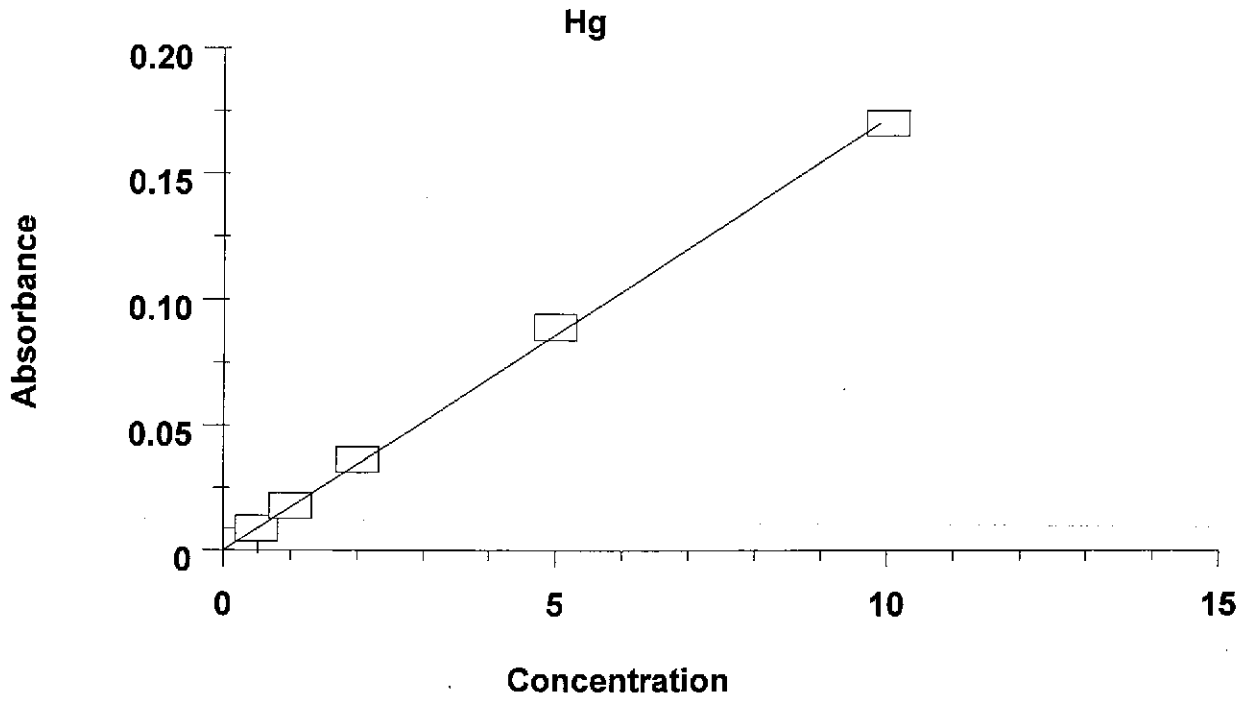

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Element: Hg Seq. No.: 8 AS Loc.: 9 Date: 07/22/2009
Sample ID: ICV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.006	4.006	0.0689	0.3993	0.0693	03:25:48	No
2	3.966	3.966	0.0683	0.4088	0.0687	03:26:26	No
Mean:	3.986	3.986	0.0686				
SD :	0.0279	0.0279	0.0005				
%RSD:	0.7	0.7	0.6997				

Element: Hg Seq. No.: 9 AS Loc.: 10 Date: 07/22/2009
Sample ID: IPC

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.165	5.165	0.0889	0.5387	0.0893	03:27:56	No
2	5.125	5.125	0.0882	0.5132	0.0886	03:28:34	No
Mean:	5.145	5.145	0.0885				
SD :	0.0284	0.0284	0.0005				
%RSD:	0.6	0.6	0.5525				

Element: Hg Seq. No.: 10 AS Loc.: 11 Date: 07/22/2009
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.003	-0.003	0.0000	0.0020	0.0003	03:30:05	No
2	-0.004	-0.004	-0.0001	0.0019	0.0003	03:30:43	No
Mean:	-0.003	-0.003	-0.0001				
SD :	0.0008	0.0008	0.0000				
%RSD:	23.3	23.3	23.2781				

Element: Hg Seq. No.: 11 AS Loc.: 12 Date: 07/22/2009
Sample ID: PQL STD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.192	0.192	0.0033	0.0222	0.0037	03:32:15	No
2	0.192	0.192	0.0033	0.0221	0.0037	03:32:53	No
Mean:	0.192	0.192	0.0033				
SD :	0.0003	0.0003	0.0000				
%RSD:	0.1	0.1	0.1498				

Element: Hg Seq. No.: 12 AS Loc.: 13 Date: 07/22/2009
Sample ID: MB-9753

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.003	0.003	0.0001	0.0027	0.0004	03:34:26	No
2	0.007	0.007	0.0001	0.0029	0.0005	03:35:04	No
Mean:	0.005	0.005	0.0001				
SD :	0.0027	0.0027	0.0000				
%RSD:	50.9	50.9	50.9407				

Element: Hg Seq. No.: 13 AS Loc.: 14 Date: 07/22/2009
Sample ID: LCS-9753

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.201	5.201	0.0895	0.5273	0.0899	03:36:38	No
2	5.149	5.149	0.0886	0.5311	0.0890	03:37:16	No
Mean:	5.175	5.175	0.0891				

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SD :	0.0367	0.0367	0.0006
%RSD:	0.7	0.7	0.7089

Element: Hg Seq. No.: 14 AS Loc.: 15 Date: 07/22/2009
Sample ID: 0907070-001B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.053	0.053	0.0009	0.0077	0.0013	03:38:52	No
2	0.052	0.052	0.0009	0.0077	0.0013	03:39:30	No
Mean:	0.052	0.052	0.0009				
SD :	0.0001	0.0001	0.0000				
%RSD:	0.2	0.2	0.2493				

Element: Hg Seq. No.: 15 AS Loc.: 16 Date: 07/22/2009
Sample ID: 0907070-001BMS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.829	0.829	0.0143	0.0859	0.0147	03:41:06	No
2	0.828	0.828	0.0142	0.0849	0.0146	03:41:44	No
Mean:	0.828	0.828	0.0143				
SD :	0.0009	0.0009	0.0000				
%RSD:	0.1	0.1	0.1086				

Element: Hg Seq. No.: 16 AS Loc.: 17 Date: 07/22/2009
Sample ID: 0907070-001BMSD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.783	0.783	0.0135	0.0812	0.0139	03:43:17	No
2	0.780	0.780	0.0134	0.0796	0.0138	03:43:55	No
Mean:	0.781	0.781	0.0134				
SD :	0.0025	0.0025	0.0000				
%RSD:	0.3	0.3	0.3217				

Element: Hg Seq. No.: 17 AS Loc.: 18 Date: 07/22/2009
Sample ID: 0907070-002B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.016	0.016	0.0003	0.0036	0.0007	03:45:25	No
2	0.013	0.013	0.0002	0.0035	0.0006	03:46:02	No
Mean:	0.014	0.014	0.0002				
SD :	0.0016	0.0016	0.0000				
%RSD:	10.8	10.8	10.8359				

Element: Hg Seq. No.: 18 AS Loc.: 19 Date: 07/22/2009
Sample ID: 0907070-003B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.011	0.011	0.0002	0.0034	0.0006	03:47:32	No
2	0.010	0.010	0.0002	0.0031	0.0006	03:48:10	No
Mean:	0.011	0.011	0.0002				
SD :	0.0003	0.0003	0.0000				
%RSD:	3.0	3.0	2.9722				

Element: Hg Seq. No.: 19 AS Loc.: 20 Date: 07/22/2009
Sample ID: 0907070-004B

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Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.020	0.020	0.0003	0.0041	0.0007	03:49:41	No
2	0.024	0.024	0.0004	0.0047	0.0008	03:50:18	No
Mean:	0.022	0.022	0.0004				
SD :	0.0028	0.0028	0.0000				
%RSD:	12.7	12.7	12.7473				

Element: Hg Seq. No.: 20 AS Loc.: 21 Date: 07/22/2009
Sample ID: 0907070-005B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.009	0.009	0.0002	0.0030	0.0006	03:51:49	No
2	0.010	0.010	0.0002	0.0033	0.0006	03:52:27	No
Mean:	0.010	0.010	0.0002				
SD :	0.0004	0.0004	0.0000				
%RSD:	4.5	4.5	4.4618				

Element: Hg Seq. No.: 21 AS Loc.: 22 Date: 07/22/2009
Sample ID: CCV1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.052	2.052	0.0353	0.2118	0.0357	03:53:58	No
2	2.048	2.048	0.0353	0.2114	0.0356	03:54:36	No
Mean:	2.050	2.050	0.0353				
SD :	0.0026	0.0026	0.0000				
%RSD:	0.1	0.1	0.1289				

Element: Hg Seq. No.: 22 AS Loc.: 23 Date: 07/22/2009
Sample ID: CCB1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.006	-0.006	-0.0001	0.0015	0.0003	03:56:07	No
2	-0.005	-0.005	-0.0001	0.0017	0.0003	03:56:45	No
Mean:	-0.005	-0.005	-0.0001				
SD :	0.0003	0.0003	0.0000				
%RSD:	6.4	6.4	6.3665				

Element: Hg Seq. No.: 23 AS Loc.: 24 Date: 07/22/2009
Sample ID: 0907070-006B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.077	0.077	0.0013	0.0106	0.0017	03:58:16	No
2	0.076	0.076	0.0013	0.0101	0.0017	03:58:54	No
Mean:	0.076	0.076	0.0013				
SD :	0.0006	0.0006	0.0000				
%RSD:	0.8	0.8	0.8179				

Element: Hg Seq. No.: 24 AS Loc.: 25 Date: 07/22/2009
Sample ID: 0907070-007B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.021	0.021	0.0004	0.0044	0.0008	04:00:28	No
2	0.022	0.022	0.0004	0.0044	0.0008	04:01:06	No
Mean:	0.021	0.021	0.0004				
SD :	0.0008	0.0008	0.0000				
%RSD:	3.7	3.7	3.7363				

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Element: Hg Seq. No.: 25 AS Loc.: 26 Date: 07/22/2009
Sample ID: 0907070-008B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.054	0.054	0.0009	0.0075	0.0013	04:02:40	No
2	0.056	0.056	0.0010	0.0078	0.0014	04:03:18	No
Mean:	0.055	0.055	0.0009				
SD :	0.0014	0.0014	0.0000				
%RSD:	2.5	2.5	2.4840				

Element: Hg Seq. No.: 26 AS Loc.: 27 Date: 07/22/2009
Sample ID: 0907070-009B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.015	0.015	0.0003	0.0037	0.0006	04:04:51	No
2	0.015	0.015	0.0003	0.0037	0.0007	04:05:29	No
Mean:	0.015	0.015	0.0003				
SD :	0.0001	0.0001	0.0000				
%RSD:	0.5	0.5	0.5035				

Element: Hg Seq. No.: 27 AS Loc.: 28 Date: 07/22/2009
Sample ID: 0907070-010B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.017	0.017	0.0003	0.0039	0.0007	04:07:04	No
2	0.019	0.019	0.0003	0.0040	0.0007	04:07:42	No
Mean:	0.018	0.018	0.0003				
SD :	0.0009	0.0009	0.0000				
%RSD:	5.2	5.2	5.2492				

Element: Hg Seq. No.: 28 AS Loc.: 29 Date: 07/22/2009
Sample ID: 0907072-056A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0000	0.0024	0.0004	04:09:17	No
2	0.002	0.002	0.0000	0.0023	0.0004	04:09:55	No
Mean:	0.002	0.002	0.0000				
SD :	0.0001	0.0001	0.0000				
%RSD:	4.1	4.1	4.0845				

Element: Hg Seq. No.: 29 AS Loc.: 30 Date: 07/22/2009
Sample ID: 0907079-001B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.009	0.009	0.0002	0.0032	0.0005	04:11:30	No
2	0.009	0.009	0.0002	0.0031	0.0005	04:12:08	No
Mean:	0.009	0.009	0.0002				
SD :	0.0002	0.0002	0.0000				
%RSD:	1.8	1.8	1.8435				

Element: Hg Seq. No.: 30 AS Loc.: 31 Date: 07/22/2009
Sample ID: 0907088-007B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.014	0.014	0.0002	0.0036	0.0006	04:13:43	No
2	0.014	0.014	0.0002	0.0036	0.0006	04:14:21	No
Mean:	0.014	0.014	0.0002				

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SD :	0.0000	0.0000	0.0000
%RSD:	0.1	0.1	0.1115

Element: Hg Seq. No.: 31 AS Loc.: 32 Date: 07/22/2009
Sample ID: 0907088-007BMS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.824	0.824	0.0142	0.0858	0.0146	04:15:54	No
2	0.818	0.818	0.0141	0.0832	0.0145	04:16:32	No
Mean:	0.821	0.821	0.0141				
SD :	0.0042	0.0042	0.0001				
%RSD:	0.5	0.5	0.5169				

Element: Hg Seq. No.: 32 AS Loc.: 33 Date: 07/22/2009
Sample ID: 0907088-007BMSD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.837	0.837	0.0144	0.0854	0.0148	04:18:01	No
2	0.839	0.839	0.0144	0.0855	0.0148	04:18:39	No
Mean:	0.838	0.838	0.0144				
SD :	0.0010	0.0010	0.0000				
%RSD:	0.1	0.1	0.1201				

Element: Hg Seq. No.: 33 AS Loc.: 34 Date: 07/22/2009
Sample ID: CCV2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.059	2.059	0.0354	0.2096	0.0358	04:20:08	No
2	2.052	2.052	0.0353	0.2089	0.0357	04:20:46	No
Mean:	2.056	2.056	0.0354				
SD :	0.0053	0.0053	0.0001				
%RSD:	0.3	0.3	0.2584				

Element: Hg Seq. No.: 34 AS Loc.: 35 Date: 07/22/2009
Sample ID: CCB2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.006	-0.006	-0.0001	0.0015	0.0003	04:22:15	No
2	-0.007	-0.007	-0.0001	0.0013	0.0003	04:22:53	No
Mean:	-0.006	-0.006	-0.0001				
SD :	0.0003	0.0003	0.0000				
%RSD:	5.2	5.2	5.1888				

Element: Hg Seq. No.: 35 AS Loc.: 36 Date: 07/22/2009
Sample ID: 0907093-001B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.040	0.040	0.0007	0.0063	0.0011	04:24:22	No
2	0.040	0.040	0.0007	0.0063	0.0011	04:25:00	No
Mean:	0.040	0.040	0.0007				
SD :	0.0002	0.0002	0.0000				
%RSD:	0.6	0.6	0.6096				

Element: Hg Seq. No.: 36 AS Loc.: 37 Date: 07/22/2009
Sample ID: TBLK2-9726

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Life Science Laboratories, Inc. **Mercury Run Log**

Method: 245.1 / 245.5 / 7470A / (7471A) / CLP

Lab ID	SampType		Date	Time	Conc.	Units	Dilution	RawConc.	Comments
Blank	ICAL	Hg	07/28/2009	09:56:27	0	µg/L	1	0	
0.2 ppb	ICAL	Hg	07/28/2009	09:58:35	0	µg/L	1	0	
0.5 ppb	ICAL	Hg	07/28/2009	10:00:45	0	µg/L	1	0	
1.0 ppb	ICAL	Hg	07/28/2009	10:02:55	0	µg/L	1	0	
2.0 ppb	ICAL	Hg	07/28/2009	10:05:08	0	µg/L	1	0	
5.0 ppb	ICAL	Hg	07/28/2009	10:07:20	0	µg/L	1	0	
10.0 ppb	ICAL	Hg	07/28/2009	10:09:34	0	µg/L	1	0	
ICV	ICV	Hg	07/28/2009	10:15:40	4.126869	µg/L	1	4.126869	
ICB	ICB	Hg	07/28/2009	10:17:48	-9.6E-05	µg/L	1	-9.6E-05	
PQL STD	CRA	Hg	07/28/2009	10:19:57	0.202796	µg/L	1	0.202796	
0907080-035A		Hg	07/28/2009	10:22:07	44.6913	µg/L	1	44.6913	over LR / DR
0907080-035ADUP	DUP	Hg	07/28/2009	10:24:18	44.21893	µg/L	1	44.21893	↓
0907080-035A		Hg	07/28/2009	10:31:16	68.92508	µg/L	20	3.446254	
0907080-035ADUP	DUP	Hg	07/28/2009	10:33:29	67.73535	µg/L	20	3.386768	
MB-9781	MBLK	Hg	07/28/2009	10:45:05	0.011832	µg/L	1	0.011832	
LCS-9781	LCS	Hg	07/28/2009	10:47:16	4.593463	µg/L	1	4.593463	
0907072-001A		Hg	07/28/2009	10:49:23	2.846582	µg/L	1	2.846582	
0907072-001AMS	MS	Hg	07/28/2009	10:51:30	5.0673	µg/L	1	5.0673	
0907072-001AMSD	MSD	Hg	07/28/2009	10:53:39	5.964112	µg/L	1	5.964112	
CCV1	CCV	Hg	07/28/2009	10:55:48	2.14297	µg/L	1	2.14297	
CCB1	CCB	Hg	07/28/2009	10:57:58	0.000871	µg/L	1	0.000871	
0907072-002A		Hg	07/28/2009	11:00:07	1.817678	µg/L	1	1.817678	
0907072-003A		Hg	07/28/2009	11:02:17	6.856269	µg/L	1	6.856269	
0907072-004A		Hg	07/28/2009	11:04:28	3.709296	µg/L	1	3.709296	
0907072-005A		Hg	07/28/2009	11:06:39	2.667767	µg/L	1	2.667767	
0907072-006A		Hg	07/28/2009	11:08:51	3.853731	µg/L	1	3.853731	
0907072-007A		Hg	07/28/2009	11:11:02	16.09782	µg/L	1	16.09782	over LR, D/R
0907072-008A		Hg	07/28/2009	11:13:15	5.825811	µg/L	1	5.825811	
0907072-009A		Hg	07/28/2009	11:15:28	5.875886	µg/L	1	5.875886	
0907072-010A		Hg	07/28/2009	11:17:41	75.21137	µg/L	1	75.21137	over LR, D/R
0907072-011A		Hg	07/28/2009	11:19:51	52.11034	µg/L	1	52.11034	↓
CCV2	CCV	Hg	07/28/2009	11:34:48	2.243584	µg/L	1	2.243584	
CCB2	CCB	Hg	07/28/2009	11:38:37	0.184123	µg/L	1	0.184123	
Blank	ICAL	Hg	07/28/2009	13:35:12	0	µg/L	1	0	
0.2 ppb	ICAL	Hg	07/28/2009	13:37:21	0	µg/L	1	0	
0.5 ppb	ICAL	Hg	07/28/2009	13:39:31	0	µg/L	1	0	
1.0 ppb	ICAL	Hg	07/28/2009	13:41:40	0	µg/L	1	0	
2.0 ppb	ICAL	Hg	07/28/2009	13:43:53	0	µg/L	1	0	
5.0 ppb	ICAL	Hg	07/28/2009	13:46:06	0	µg/L	1	0	
10.0 ppb	ICAL	Hg	07/28/2009	13:48:20	0	µg/L	1	0	
ICV	ICV	Hg	07/28/2009	13:51:24	4.114258	µg/L	1	4.114258	
ICB	ICB	Hg	07/28/2009	13:53:32	-0.00683	µg/L	1	-0.00683	
PQL STD	CRA	Hg	07/28/2009	13:55:41	0.19282	µg/L	1	0.19282	
0907080-035A		Hg	07/28/2009	13:57:51	69.48003	µg/L	20	3.474002	Do not need
0907080-035ADUP	DUP	Hg	07/28/2009	14:00:02	67.90756	µg/L	20	3.395378	↓
CCV3	CCV	Hg	07/28/2009	14:10:08	2.183427	µg/L	1	2.183427	
CCB3	CCB	Hg	07/28/2009	14:12:15	0.008407	µg/L	1	0.008407	
0907072-012A		Hg	07/28/2009	14:14:23	8.798	µg/L	1	8.798	
0907072-013A		Hg	07/28/2009	14:16:31	1.497017	µg/L	1	1.497017	
0907072-014A		Hg	07/28/2009	14:18:40	1.078824	µg/L	1	1.078824	
0907072-015A		Hg	07/28/2009	14:20:49	2.402383	µg/L	1	2.402383	

Analyst: Cang Tran

Date: 7/29/09

Reviewer: M Tarbal

Date: 7-30-09

Life Science Laboratories, Inc. **Mercury Run Log**

Method: 245.1 / 245.5 / 7470A / 7471A / CLP

Lab ID	SampType		Date	Time	Conc.	Units	Dilution	RawConc.	Comments
0907072-016A		Hg	07/28/2009	14:22:59	0.763287	µg/L	1	0.763287	
0907072-017A		Hg	07/28/2009	14:25:09	1.965435	µg/L	1	1.965435	
0907072-018A		Hg	07/28/2009	14:27:20	0.533047	µg/L	1	0.533047	
0907072-020A		Hg	07/28/2009	14:29:31	65.71414	µg/L ✓	1	65.71414	over LR, D/R
0907072-021A		Hg	07/28/2009	14:33:03	5.552668	µg/L	1	5.552668	
MB-9782	MBLK	Hg	07/28/2009	14:35:15	0.012061	µg/L	1	0.012061	
CCV4	CCV	Hg	07/28/2009	14:37:28	2.137042	µg/L	1	2.137042	
CCB4	CCB	Hg	07/28/2009	14:39:41	-0.01342	µg/L	1	-0.01342	
LCS-9782	LCS	Hg	07/28/2009	14:41:54	4.619172	µg/L	1	4.619172	
0907072-019A		Hg	07/28/2009	14:44:03	3.187445	µg/L	1	3.187445	
0907072-019AMS	MS	Hg	07/28/2009	14:46:10	5.820307	µg/L	1	5.820307	
0907072-019AMSD	MSD	Hg	07/28/2009	14:48:17	5.210077	µg/L	1	5.210077	
0907072-022A		Hg	07/28/2009	14:50:24	0.979711	µg/L	1	0.979711	
0907072-023A		Hg	07/28/2009	14:52:31	3.462402	µg/L	1	3.462402	
0907072-024A		Hg	07/28/2009	14:54:39	0.390755	µg/L	1	0.390755	
0907072-025A		Hg	07/28/2009	14:56:48	0.290887	µg/L	1	0.290887	
0907072-026A		Hg	07/28/2009	14:58:58	0.512802	µg/L	1	0.512802	
0907072-027A		Hg	07/28/2009	15:01:07	0.64632	µg/L	1	0.64632	
CCV5	CCV	Hg	07/28/2009	15:03:16	2.129358	µg/L	1	2.129358	
CCB5	CCB	Hg	07/28/2009	15:05:27	-0.02115	µg/L	1	-0.02115	
0907072-028A		Hg	07/28/2009	15:07:38	1.031518	µg/L	1	1.031518	
0907072-029A		Hg	07/28/2009	15:09:49	0.737526	µg/L	1	0.737526	
0907072-030A		Hg	07/28/2009	15:12:02	0.738614	µg/L	1	0.738614	
0907072-031A		Hg	07/28/2009	15:14:15	1.274761	µg/L	1	1.274761	
0907072-032A		Hg	07/28/2009	15:16:24	0.878083	µg/L	1	0.878083	
0907072-033A		Hg	07/28/2009	15:18:30	0.117317	µg/L	1	0.117317	
0907072-034A		Hg	07/28/2009	15:20:37	1.168978	µg/L	1	1.168978	
0907072-035A		Hg	07/28/2009	15:22:45	7.338903	µg/L	1	7.338903	
0907072-036A		Hg	07/28/2009	15:24:52	1.442099	µg/L	1	1.442099	
0907072-037A		Hg	07/28/2009	15:27:01	1.636364	µg/L	1	1.636364	
CCV6	CCV	Hg	07/28/2009	15:29:10	2.123957	µg/L	1	2.123957	
CCB6	CCB	Hg	07/28/2009	15:31:19	-0.01935	µg/L	1	-0.01935	
0907072-039A		Hg	07/28/2009	15:33:28	1.590475	µg/L	1	1.590475	
0907072-040A		Hg	07/28/2009	15:35:39	1.621727	µg/L	1	1.621727	
0907072-041A		Hg	07/28/2009	15:37:50	23.57406	µg/L ✓	1	23.57406	over LR, D/R
MB-9783	MBLK	Hg	07/28/2009	15:40:01	-0.01954	µg/L	1	-0.01954	
LCS-9783	LCS	Hg	07/28/2009	15:42:12	4.696131	µg/L	1	4.696131	
0907072-038A		Hg	07/28/2009	15:44:24	0.908193	µg/L	1	0.908193	
0907072-038AMS	MS	Hg	07/28/2009	15:46:37	3.017958	µg/L	1	3.017958	
0907072-038AMSD	MSD	Hg	07/28/2009	15:48:46	2.991748	µg/L	1	2.991748	
0907072-042A		Hg	07/28/2009	15:50:52	6.051975	µg/L	1	6.051975	
0907072-043A		Hg	07/28/2009	15:52:59	7.95046	µg/L	1	7.95046	
CCV7	CCV	Hg	07/28/2009	15:55:06	2.155006	µg/L	1	2.155006	
CCB7	CCB	Hg	07/28/2009	15:57:13	-0.02187	µg/L	1	-0.02187	
0907072-044A		Hg	07/28/2009	15:59:22	1.456869	µg/L	1	1.456869	
0907072-045A		Hg	07/28/2009	16:01:30	2.517871	µg/L	1	2.517871	
0907072-046A		Hg	07/28/2009	16:03:39	0.713915	µg/L	1	0.713915	
0907072-047A		Hg	07/28/2009	16:05:49	0.637465	µg/L	1	0.637465	
0907072-048A		Hg	07/28/2009	16:07:57	8.43866	µg/L	1	8.43866	
0907072-049A		Hg	07/28/2009	16:10:08	4.993479	µg/L	1	4.993479	
0907072-050A		Hg	07/28/2009	16:12:19	4.232143	µg/L	1	4.232143	
0907072-051A		Hg	07/28/2009	16:14:30	1.904644	µg/L	1	1.904644	
0907072-052A		Hg	07/28/2009	16:16:41	1.85077	µg/L	1	1.85077	
0907072-053A		Hg	07/28/2009	16:18:50	7.584861	µg/L	1	7.584861	

Analyst: Cang Tran

Date: 7/29/09

Reviewer: M Tashash

Date: 7-30-09

Life Science Laboratories, Inc. **Mercury Run Log**

Method: 245.1 / 245.5 / 7470A / 7471A / CLP

Lab ID	SampType		Date	Time	Conc.	Units	Dilution	RawConc.	Comments
CCV8	CCV	Hg	07/28/2009	16:20:56	2.149447	µg/L	1	2.149447	
CCB8	CCB	Hg	07/28/2009	16:23:03	-0.02113	µg/L	1	-0.02113	
0907072-054A		Hg	07/28/2009	16:25:09	3.499736	µg/L	1	3.499736	
0907072-055A		Hg	07/28/2009	16:27:16	0.96187	µg/L	1	0.96187	
0907072-007A		Hg	07/28/2009	16:35:54	16.96178	µg/L	10	1.696178	
0907072-010A		Hg	07/28/2009	16:38:03	2797.157	µg/L	1000	2.797157	
0907072-011A		Hg	07/28/2009	16:40:12	8975.778	µg/L	1000	8.975778	
0907072-020A		Hg	07/28/2009	16:42:52	334.7616	µg/L	100	3.347616	
0907072-001A	SD	Hg	07/28/2009	16:45:03	2.707429	µg/L	5	0.541486	Dilution Test
0907072-001A	PDS	Hg	07/28/2009	16:47:16	4.987816	µg/L	1	4.987816	Recovery Test
0907072-019A	SD	Hg	07/28/2009	16:49:31	2.994605	µg/L	5	0.598921	Dilution Test
CCV9	CCV	Hg	07/28/2009	16:51:42	2.148971	µg/L	1	2.148971	(SA = 2 µg/L)
CCB9	CCB	Hg	07/28/2009	16:53:49	-0.01622	µg/L	1	-0.01622	
0907072-019A	PDS	Hg	07/28/2009	16:55:57	5.144569	µg/L	1	5.144569	Recovery Test
0907072-041A		Hg	07/28/2009	16:58:06	27.70872	µg/L	10	2.770872	
0907072-038A	SD	Hg	07/28/2009	17:00:16	0.804716	µg/L	5	0.160943	Dilution Test
0907072-038A	PDS	Hg	07/28/2009	17:02:25	3.003157	µg/L	1	3.003157	Recovery Test
CCV10	CCV	Hg	07/28/2009	17:04:34	2.154449	µg/L	1	2.154449	
CCB10	CCB	Hg	07/28/2009	17:06:44	-0.01566	µg/L	1	-0.01566	(SA = 2 µg/L)
0907079-001B		Hg	07/28/2009	17:08:55	0.24121	µg/L	1	0.24121	
0907107-001B		Hg	07/28/2009	17:11:06	6.101181	µg/L	1	6.101181	
0907107-002B		Hg	07/28/2009	17:13:18	1.335219	µg/L	1	1.335219	
0907107-003B		Hg	07/28/2009	17:15:31	2.18735	µg/L	1	2.18735	
CCV11	CCV	Hg	07/28/2009	17:17:44	2.145772	µg/L	1	2.145772	
CCB11	CCB	Hg	07/28/2009	17:19:57	-0.0179	µg/L	1	-0.0179	

Analyst: Cang Tran

Date: 7/29/09

Reviewer: [signature]

Date: 7-30-

Method Name: Hg10
Method Description: Hg with SnCl
Element: Hg

Date: 07/28/2009
Technique:FI-MHS
Calibration Type:
Hg, Zero Intercept: Linear
Wavelength: 253.7 nm
Sample Info Name: SAMPLE-W.SIF Results Data Set Name: HG072809

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 07/28/2009
Sample ID: Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0003	0.0015	0.0003	09:55:48	No
2			0.0003	0.0015	0.0003	09:56:27	No
Mean:			0.0003				
SD :			0.0000				
%RSD:			2.2152				

Auto-zero performed.

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 07/28/2009
Sample ID: 0.2 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0043	0.0241	0.0046	09:57:57	No
2			0.0044	0.0242	0.0046	09:58:35	No
Mean:			0.0043				
SD :			0.0000				
%RSD:			0.2868				

[Hg] Standard number 1 applied. [0.200]
Correlation Coefficient: 1.00000 Slope: 0.02171

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 07/28/2009
Sample ID: 0.5 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0109	0.0592	0.0112	10:00:07	No
2			0.0109	0.0578	0.0112	10:00:45	No
Mean:			0.0109				
SD :			0.0000				
%RSD:							

[Hg] Standard number 2 applied. [0.500]
Correlation Coefficient: 1.00000 Slope: 0.02176

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 07/28/2009
Sample ID: 1.0 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0216	0.1168	0.0219	10:02:17	No
2			0.0218	0.1178	0.0221	10:02:55	No
Mean:			0.0217				
SD :			0.0001				
%RSD:			0.6381				

CT 7/29/09

[Hg] Standard number 3 applied. [1.000]
Correlation Coefficient: 1.00000 Slope: 0.02174

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Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 07/28/2009
Sample ID: 2.0 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0446	0.2397	0.0448	10:04:30	No
2			0.0444	0.2355	0.0447	10:05:08	No
Mean:			0.0445				
SD :			0.0001				
%RSD:			0.2671				

[Hg] Standard number 4 applied. [2.000]
Correlation Coefficient: 0.99987 Slope: 0.02212

Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 07/28/2009
Sample ID: 5.0 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1093	0.5874	0.1096	10:06:42	No
2			0.1094	0.5867	0.1097	10:07:20	No
Mean:			0.1093				
SD :			0.0001				
%RSD:							

[Hg] Standard number 5 applied. [5.000]
Correlation Coefficient: 0.99997 Slope: 0.02191

Element: Hg Seq. No.: 7 AS Loc.: 7 Date: 07/28/2009
Sample ID: 10.0 ppb

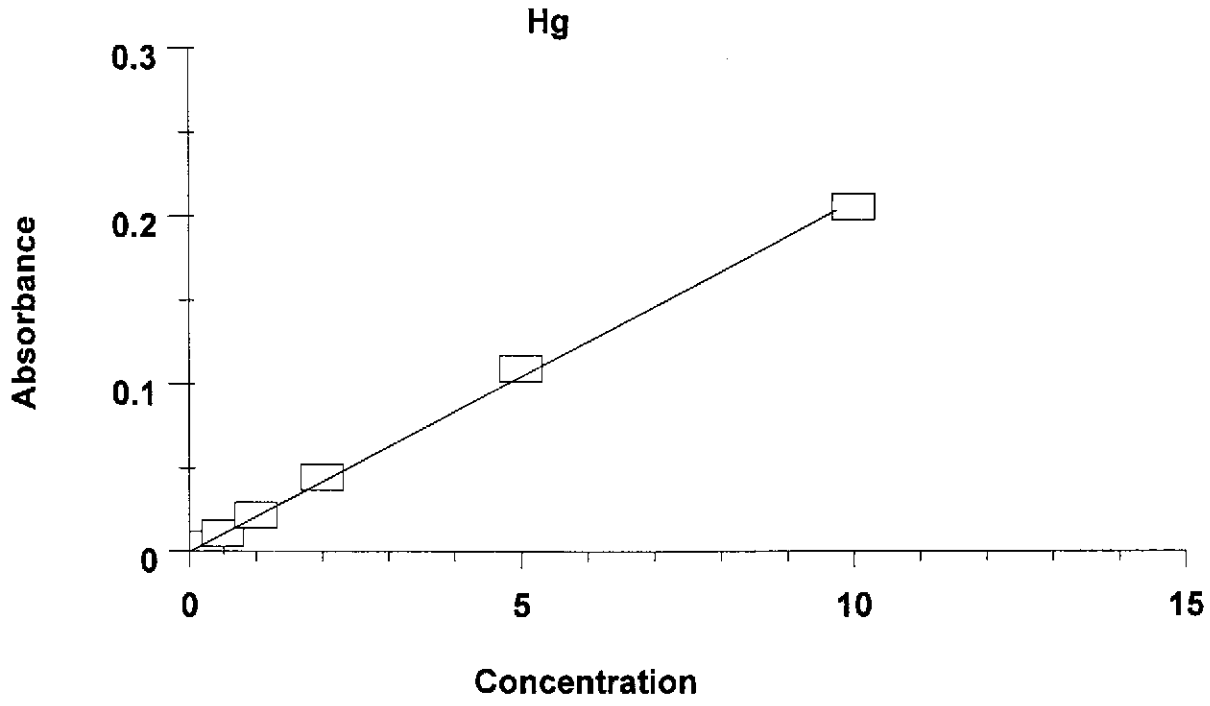
Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.2053	1.1099	0.2056	10:08:56	No
2			0.2056	1.1139	0.2059	10:09:34	No
Mean:			0.2055				
SD :			0.0002				
%RSD:			0.1211				

[Hg] Standard number 6 applied. [10.00]
Correlation Coefficient: 0.99930 Slope: 0.02088

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Blank	0.0003	---	----	----	----
0.2 ppb	0.0043	0.200	0.208	0.0000	0.3
0.5 ppb	0.0109	0.500	0.521	0.0000	----
1.0 ppb	0.0217	1.000	1.041	0.0001	0.6
2.0 ppb	0.0445	2.000	2.130	0.0001	0.3
5.0 ppb	0.1093	5.000	5.237	0.0001	----
10.0 ppb	0.2055	10.000	9.840	0.0002	0.1
Correlation Coefficient: 0.99930		Slope:	0.02088	----	

932



933

Element: Hg Seq. No.: 8 AS Loc.: 9 Date: 07/28/2009
Sample ID: ICV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.123	4.123	0.0861	0.4667	0.0864	10:15:02	No
2	4.131	4.131	0.0863	0.4671	0.0865	10:15:40	No
Mean:	4.127	4.127	0.0862				
SD :	0.0059	0.0059	0.0001				
%RSD:	0.1	0.1	0.1442				

Element: Hg Seq. No.: 9 AS Loc.: 10 Date: 07/28/2009
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.001	-0.001	0.0000	0.0012	0.0003	10:17:10	No
2	0.001	0.001	0.0000	0.0018	0.0003	10:17:48	No
Mean:	0.000	0.000	0.0000				
SD :	0.0013	0.0013	0.0000				
%RSD:	1395	1395	1394.6256				

Element: Hg Seq. No.: 10 AS Loc.: 11 Date: 07/28/2009
Sample ID: PQL STD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.203	0.203	0.0042	0.0247	0.0045	10:19:19	No
2	0.202	0.202	0.0042	0.0245	0.0045	10:19:57	No
Mean:	0.203	0.203	0.0042				
SD :	0.0007	0.0007	0.0000				
%RSD:	0.3	0.3	0.3284				

Element: Hg Seq. No.: 11 AS Loc.: 12 Date: 07/28/2009
Sample ID: 0907080-035A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	44.74	44.74	0.9342	5.8196	0.9345	10:21:29	No
Sample absorbance is greater than that of the highest standard.							
2	44.64	44.64	0.9321	5.7832	0.9324	10:22:07	No
Sample absorbance is greater than that of the highest standard.							
Mean:	44.69	44.69	0.9332				
SD :	0.0708	0.0708	0.0015				
%RSD:	0.2	0.2	0.1584				
Sample absorbance is greater than that of the highest standard.							

Element: Hg Seq. No.: 12 AS Loc.: 13 Date: 07/28/2009
Sample ID: 0907080-035ADUP

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	44.43	44.43	0.9277	5.7727	0.9280	10:23:40	No
Sample absorbance is greater than that of the highest standard.							
2	44.01	44.01	0.9189	5.5793	0.9192	10:24:18	No
Sample absorbance is greater than that of the highest standard.							
Mean:	44.22	44.22	0.9233				
SD :	0.2991	0.2991	0.0062				
%RSD:	0.7	0.7	0.6763				
Sample absorbance is greater than that of the highest standard.							

Element: Hg Seq. No.: 13 AS Loc.: 14 Date: 07/28/2009
Sample ID: 0907080-035A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	69.03	3.451	0.0721	0.3851	0.0723	10:30:38	No
2	68.82	3.441	0.0719	0.3843	0.0721	10:31:16	No
Mean:	68.93	3.446	0.0720				
SD :	0.1456	0.0073	0.0002				
%RSD:	0.2	0.2	0.2113				

Element: Hg Seq. No.: 14 AS Loc.: 15 Date: 07/28/2009
Sample ID: 0907080-035ADUP

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	68.03	3.402	0.0710	0.3818	0.0713	10:32:51	No
2	67.44	3.372	0.0704	0.3691	0.0707	10:33:29	No
Mean:	67.74	3.387	0.0707				
SD :	0.4197	0.0210	0.0004				
%RSD:	0.6	0.6	0.6197				

Element: Hg Seq. No.: 15 AS Loc.: 16 Date: 07/28/2009
Sample ID: MB-9781

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.012	0.012	0.0003	0.0027	0.0005	10:44:27	No
2	0.012	0.012	0.0002	0.0027	0.0005	10:45:05	No
Mean:	0.012	0.012	0.0002				
SD :	0.0003	0.0003	0.0000				
%RSD:	2.7	2.7	2.7125				

Element: Hg Seq. No.: 16 AS Loc.: 17 Date: 07/28/2009
Sample ID: LCS-9781

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.589	4.589	0.0958	0.5109	0.0961	10:46:38	No
2	4.597	4.597	0.0960	0.5101	0.0963	10:47:16	No
Mean:	4.593	4.593	0.0959				
SD :	0.0057	0.0057	0.0001				
%RSD:	0.1	0.1	0.1241				

Element: Hg Seq. No.: 17 AS Loc.: 18 Date: 07/28/2009
Sample ID: 0907072-001A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.840	2.840	0.0593	0.3145	0.0596	10:48:45	No
2	2.853	2.853	0.0596	0.3148	0.0599	10:49:23	No
Mean:	2.847	2.847	0.0594				
SD :	0.0092	0.0092	0.0002				
%RSD:	0.3	0.3	0.3238				

Element: Hg Seq. No.: 18 AS Loc.: 19 Date: 07/28/2009
Sample ID: 0907072-001AMS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.071	5.071	0.1059	0.5626	0.1062	10:50:52	No
2	5.063	5.063	0.1057	0.5602	0.1060	10:51:30	No
Mean:	5.067	5.067	0.1058				
SD :	0.0058	0.0058	0.0001				
%RSD:	0.1	0.1	0.1139				

Element: Hg Seq. No.: 19 AS Loc.: 20 Date: 07/28/2009
Sample ID: 0907072-001AMSD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.954	5.954	0.1243	0.6649	0.1246	10:53:01	No
2	5.974	5.974	0.1247	0.6645	0.1250	10:53:39	No
Mean:	5.964	5.964	0.1245				
SD :	0.0137	0.0137	0.0003				
%RSD:	0.2	0.2	0.2296				

Element: Hg Seq. No.: 20 AS Loc.: 21 Date: 07/28/2009
Sample ID: CCV1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.151	2.151	0.0449	0.2419	0.0452	10:55:10	No
2	2.135	2.135	0.0446	0.2330	0.0449	10:55:48	No
Mean:	2.143	2.143	0.0447				

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SD :	0.0112	0.0112	0.0002
%RSD:	0.5	0.5	0.5218

Element: Hg Seq. No.: 21 AS Loc.: 22 Date: 07/28/2009
Sample ID: CCB1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.001	0.001	0.0000	0.0021	0.0003	10:57:20	No
2	0.000	0.000	0.0000	0.0015	0.0003	10:57:58	No
Mean:	0.001	0.001	0.0000				
SD :	0.0007	0.0007	0.0000				
%RSD:	78.6	78.6	78.6044				

Element: Hg Seq. No.: 22 AS Loc.: 23 Date: 07/28/2009
Sample ID: 0907072-002A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.816	1.816	0.0379	0.2009	0.0382	10:59:29	No
2	1.819	1.819	0.0380	0.2007	0.0383	11:00:07	No
Mean:	1.818	1.818	0.0380				
SD :	0.0018	0.0018	0.0000				
%RSD:							

Element: Hg Seq. No.: 23 AS Loc.: 24 Date: 07/28/2009
Sample ID: 0907072-003A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	6.869	6.869	0.1434	0.7589	0.1437	11:01:39	No
2	6.844	6.844	0.1429	0.7579	0.1432	11:02:17	No
Mean:	6.856	6.856	0.1432				
SD :	0.0176	0.0176	0.0004				
%RSD:	0.3	0.3	0.2566				

Element: Hg Seq. No.: 24 AS Loc.: 25 Date: 07/28/2009
Sample ID: 0907072-004A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.705	3.705	0.0774	0.4095	0.0776	11:03:50	No
2	3.714	3.714	0.0776	0.4081	0.0778	11:04:28	No
Mean:	3.709	3.709	0.0775				
SD :	0.0067	0.0067	0.0001				
%RSD:	0.2	0.2	0.1816				

Element: Hg Seq. No.: 25 AS Loc.: 26 Date: 07/28/2009
Sample ID: 0907072-005A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.671	2.671	0.0558	0.2933	0.0560	11:06:01	No
2	2.665	2.665	0.0556	0.2910	0.0559	11:06:39	No
Mean:	2.668	2.668	0.0557				
SD :	0.0042	0.0042	0.0001				
%RSD:	0.2	0.2	0.1557				

Element: Hg Seq. No.: 26 AS Loc.: 27 Date: 07/28/2009
Sample ID: 0907072-006A

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Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.876	3.876	0.0809	0.4289	0.0812	11:08:13	No
2	3.832	3.832	0.0800	0.4157	0.0803	11:08:51	No
Mean:	3.854	3.854	0.0805				
SD :	0.0310	0.0310	0.0006				
%RSD:	0.8	0.8	0.8034				

Element: Hg Seq. No.: 27 AS Loc.: 28 Date: 07/28/2009
Sample ID: 0907072-007A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	16.14	16.14	0.3370	1.8058	0.3372	11:10:24	No
Sample absorbance is greater than that of the highest standard.							
2	16.06	16.06	0.3353	1.7986	0.3356	11:11:02	No
Sample absorbance is greater than that of the highest standard.							
Mean:	16.10	16.10	0.3361				
SD :	0.0562	0.0562	0.0012				
%RSD:	0.3	0.3	0.3490				
Sample absorbance is greater than that of the highest standard.							

Element: Hg Seq. No.: 28 AS Loc.: 29 Date: 07/28/2009
Sample ID: 0907072-008A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.827	5.827	0.1217	0.6402	0.1219	11:12:37	No
2	5.825	5.825	0.1216	0.6399	0.1219	11:13:15	No
Mean:	5.826	5.826	0.1216				
SD :	0.0012	0.0012	0.0000				
%RSD:							

Element: Hg Seq. No.: 29 AS Loc.: 30 Date: 07/28/2009
Sample ID: 0907072-009A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.879	5.879	0.1228	0.6491	0.1230	11:14:50	No
2	5.873	5.873	0.1226	0.6494	0.1229	11:15:28	No
Mean:	5.876	5.876	0.1227				
SD :	0.0046	0.0046	0.0001				
%RSD:							

Element: Hg Seq. No.: 30 AS Loc.: 31 Date: 07/28/2009
Sample ID: 0907072-010A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	78.89	78.89	1.6472	20.5393	1.6475	11:17:03	No
Sample absorbance is greater than that of the highest standard.							
2	71.54	71.54	1.4937	18.3585	1.4940	11:17:41	No
Sample absorbance is greater than that of the highest standard.							
Mean:	75.21	75.21	1.5704				
SD :	5.199	5.199	0.1086				
%RSD:	6.9	6.9	6.9123				
Sample absorbance is greater than that of the highest standard.							

Element: Hg Seq. No.: 31 AS Loc.: 32 Date: 07/28/2009
Sample ID: 0907072-011A

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

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#	µg/L	µg/L	Signal	Area	Height		Stored
1	80.85	80.85	1.6882	22.9030	1.6885	11:19:13	No
Sample absorbance is greater than that of the highest standard.							
2	23.37	23.37	0.4879	4.9055	0.4882	11:19:51	No
Sample absorbance is greater than that of the highest standard.							
Mean:	52.11	52.11	1.0881				
SD :	40.65	40.65	0.8487				
%RSD:	78.0	78.0	78.0030				
Sample absorbance is greater than that of the highest standard.							

Element: Hg Seq. No.: 32 AS Loc.: 33 Date: 07/28/2009
Sample ID: CCV2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.248	2.248	0.0469	0.2455	0.0472	11:34:10	No
2	2.239	2.239	0.0467	0.2458	0.0470	11:34:48	No
Mean:	2.244	2.244	0.0468				
SD :	0.0067	0.0067	0.0001				
%RSD:	0.3	0.3	0.2991				

Element: Hg Seq. No.: 33 AS Loc.: 34 Date: 07/28/2009
Sample ID: CCB2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.177	0.177	0.0037	0.0192	0.0040	11:37:59	No
2	0.191	0.191	0.0040	0.0202	0.0043	11:38:37	No
Mean:	0.184	0.184	0.0038				
SD :	0.0100	0.0100	0.0002				
%RSD:	5.5	5.5	5.4501				

Method Name: Hg10
Method Description: Hg with SnCl
Element: Hg

Date: 07/28/2009
Technique:FI-MHS
Calibration Type:
Hg, Zero Intercept: Linear
Wavelength: 253.7 nm
Sample Info Name: SAMPLE-W.SIF Results Data Set Name: HG072809

CT 7/28/09

Element: Hg Seq. No.: 34 AS Loc.: 1 Date: 07/28/2009
Sample ID: Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0026	0.0161	0.0026	12:08:04	No
2			0.0025	0.0147	0.0025	12:08:42	No
Mean:			0.0026				
SD :			0.0001				
%RSD:			3.8191				

Method Name: Hg10
Method Description: Hg with SnCl
Element: Hg

Date: 07/28/2009
Technique:FI-MHS
Calibration Type:
Hg, Zero Intercept: Linear
Wavelength: 253.7 nm
Sample Info Name: SAMPLE-W.SIF Results Data Set Name: HG072809

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Method Name: Hg10
Method Description: Hg with SnCl
Element: Hg

Date: 07/28/2009
Technique:FI-MHS
Calibration Type:
Hg, Zero Intercept: Linear
Wavelength: 253.7 nm
Sample Info Name: SAMPLE-W.SIF Results Data Set Name: HG072809

Element: Hg Seq. No.: 61 AS Loc.: 1 Date: 07/28/2009
Sample ID: Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0010	0.0044	0.0010	01:34:35	No
2			0.0010	0.0056	0.0010	01:35:12	No
Mean:			0.0010				
SD :			0.0001				
%RSD:			5.2397				

Auto-zero performed.

Element: Hg Seq. No.: 62 AS Loc.: 2 Date: 07/28/2009
Sample ID: 0.2 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0044	0.0300	0.0054	01:36:43	No
2			0.0045	0.0313	0.0055	01:37:21	No
Mean:			0.0044				
SD :			0.0001				
%RSD:			1.9103				

[Hg] Standard number 1 applied. [0.200]
Correlation Coefficient: 1.00000 Slope: 0.02223

Element: Hg Seq. No.: 63 AS Loc.: 3 Date: 07/28/2009
Sample ID: 0.5 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0111	0.0696	0.0121	01:38:53	No
2			0.0112	0.0691	0.0122	01:39:31	No
Mean:			0.0111				
SD :			0.0000				
%RSD:			0.4071				

[Hg] Standard number 2 applied. [0.500]
Correlation Coefficient: 1.00000 Slope: 0.02228

Element: Hg Seq. No.: 64 AS Loc.: 4 Date: 07/28/2009
Sample ID: 1.0 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0224	0.1350	0.0234	01:41:03	No
2			0.0225	0.1328	0.0235	01:41:40	No
Mean:			0.0224				
SD :			0.0000				
%RSD:			0.1852				

[Hg] Standard number 3 applied. [1.000]
Correlation Coefficient: 0.99998 Slope: 0.02240

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Element: Hg Seq. No.: 65 AS Loc.: 5 Date: 07/28/2009
Sample ID: 2.0 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0462	0.2720	0.0472	01:43:15	No
2			0.0463	0.2663	0.0473	01:43:53	No
Mean:			0.0462				
SD :			0.0001				
%RSD:			0.1722				

[Hg] Standard number 4 applied. [2.000]
Correlation Coefficient: 0.99975 Slope: 0.02294

Element: Hg Seq. No.: 66 AS Loc.: 6 Date: 07/28/2009
Sample ID: 5.0 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1140	0.6598	0.1151	01:45:28	No
2			0.1140	0.6511	0.1150	01:46:06	No
Mean:			0.1140				
SD :			0.0000				
%RSD:							

[Hg] Standard number 5 applied. [5.000]
Correlation Coefficient: 0.99996 Slope: 0.02283

Element: Hg Seq. No.: 67 AS Loc.: 7 Date: 07/28/2009
Sample ID: 10.0 ppb

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.2151	1.2599	0.2161	01:47:42	No
2			0.2148	1.2292	0.2158	01:48:20	No
Mean:			0.2149				
SD :			0.0003				
%RSD:			0.1166				

[Hg] Standard number 6 applied. [10.00]
Correlation Coefficient: 0.99939 Slope: 0.02182

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Blank	0.0010	---	----	----	----
0.2 ppb	0.0044	0.200	0.204	0.0001	1.9
0.5 ppb	0.0111	0.500	0.511	0.0000	0.4
1.0 ppb	0.0224	1.000	1.028	0.0000	0.2
2.0 ppb	0.0462	2.000	2.119	0.0001	0.2
5.0 ppb	0.1140	5.000	5.226	0.0000	----
10.0 ppb	0.2149	10.000	9.851	0.0003	0.1
Correlation Coefficient: 0.99939		Slope:	0.02182	----	

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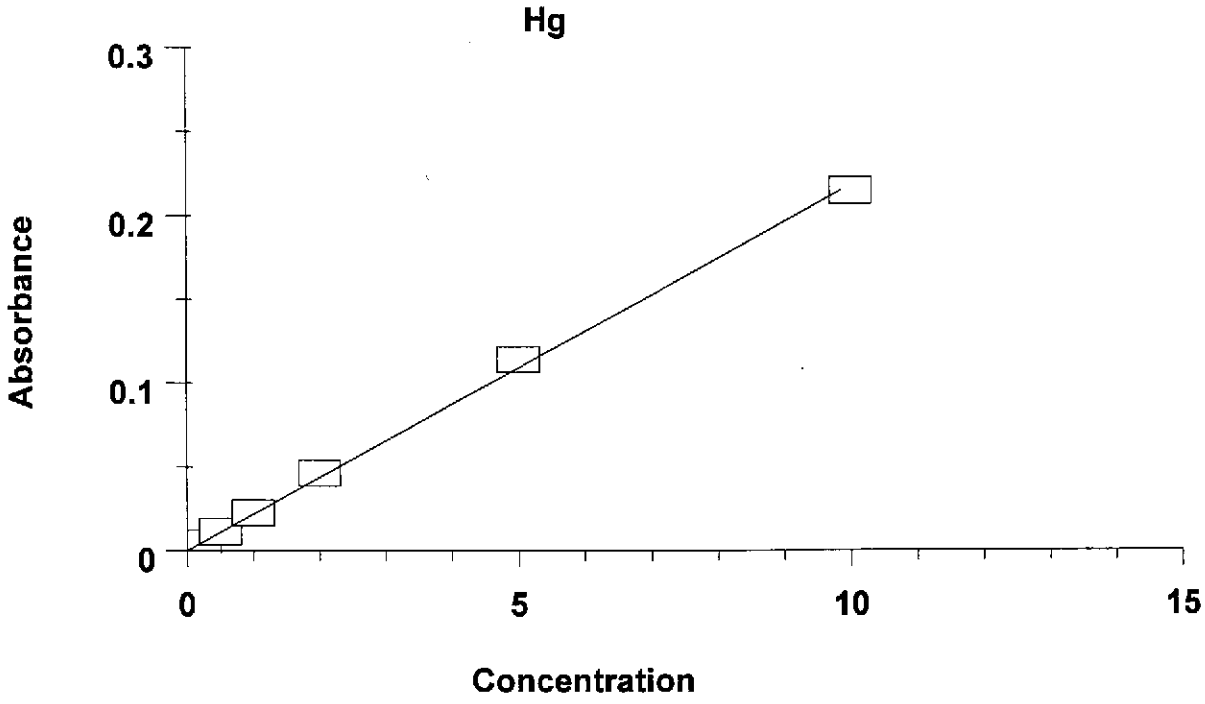

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Element: Hg Seq. No.: 68 AS Loc.: 9 Date: 07/28/2009
Sample ID: ICV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.110	4.110	0.0897	0.5209	0.0907	01:50:46	No
2	4.118	4.118	0.0899	0.5202	0.0909	01:51:24	No
Mean:	4.114	4.114	0.0898				
SD :	0.0056	0.0056	0.0001				
%RSD:	0.1	0.1	0.1362				

Element: Hg Seq. No.: 69 AS Loc.: 10 Date: 07/28/2009
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.008	-0.008	-0.0002	0.0045	0.0008	01:52:54	No
2	-0.006	-0.006	-0.0001	0.0051	0.0009	01:53:32	No
Mean:	-0.007	-0.007	-0.0001				
SD :	0.0019	0.0019	0.0000				
%RSD:	27.3	27.3	27.2949				

Element: Hg Seq. No.: 70 AS Loc.: 11 Date: 07/28/2009
Sample ID: PQL STD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.191	0.191	0.0042	0.0291	0.0052	01:55:03	No
2	0.195	0.195	0.0043	0.0303	0.0053	01:55:41	No
Mean:	0.193	0.193	0.0042				
SD :	0.0032	0.0032	0.0001				
%RSD:	1.7	1.7	1.6752				

Element: Hg Seq. No.: 71 AS Loc.: 12 Date: 07/28/2009
Sample ID: 0907080-035A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	69.25	3.462	0.0756	0.4406	0.0766	01:57:13	No
2	69.71	3.486	0.0761	0.4275	0.0771	01:57:51	No
Mean:	69.48	3.474	0.0758				
SD :	0.3265	0.0163	0.0004				
%RSD:	0.5	0.5	0.4699				

Element: Hg Seq. No.: 72 AS Loc.: 13 Date: 07/28/2009
Sample ID: 0907080-035ADUP

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	67.99	3.400	0.0742	0.4253	0.0752	01:59:24	No
2	67.82	3.391	0.0740	0.4247	0.0750	02:00:02	No
Mean:	67.91	3.395	0.0741				
SD :	0.1178	0.0059	0.0001				
%RSD:	0.2	0.2	0.1735				

Element: Hg Seq. No.: 73 AS Loc.: 33 Date: 07/28/2009
Sample ID: CCV3

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.177	2.177	0.0475	0.2745	0.0485	02:09:30	No
2	2.190	2.190	0.0478	0.2754	0.0488	02:10:08	No
Mean:	2.183	2.183	0.0476				
SD :	0.0097	0.0097	0.0002				
%RSD:	0.4	0.4	0.4421				

Element: Hg Seq. No.: 74 AS Loc.: 34 Date: 07/28/2009
Sample ID: CCB3

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.009	0.009	0.0002	0.0070	0.0012	02:11:37	No
2	0.008	0.008	0.0002	0.0063	0.0012	02:12:15	No
Mean:	0.008	0.008	0.0002				
SD :	0.0009	0.0009	0.0000				
%RSD:	11.2	11.2	11.1773				

Element: Hg Seq. No.: 75 AS Loc.: 35 Date: 07/28/2009
Sample ID: 0907072-012A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	8.820	8.820	0.1924	1.1148	0.1935	02:13:45	No
2	8.776	8.776	0.1915	1.1089	0.1925	02:14:23	No
Mean:	8.798	8.798	0.1920				
SD :	0.0310	0.0310	0.0007				
%RSD:	0.4	0.4	0.3525				

Element: Hg Seq. No.: 76 AS Loc.: 36 Date: 07/28/2009
Sample ID: 0907072-013A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.495	1.495	0.0326	0.1920	0.0336	02:15:53	No
2	1.500	1.500	0.0327	0.1930	0.0337	02:16:31	No
Mean:	1.497	1.497	0.0327				
SD :	0.0035	0.0035	0.0001				
%RSD:	0.2	0.2	0.2368				

Element: Hg Seq. No.: 77 AS Loc.: 37 Date: 07/28/2009
Sample ID: 0907072-014A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.076	1.076	0.0235	0.1399	0.0245	02:18:02	No
2	1.082	1.082	0.0236	0.1360	0.0246	02:18:40	No
Mean:	1.079	1.079	0.0235				
SD :	0.0041	0.0041	0.0001				
%RSD:	0.4	0.4	0.3824				

Element: Hg Seq. No.: 78 AS Loc.: 38 Date: 07/28/2009
Sample ID: 0907072-015A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.402	2.402	0.0524	0.2982	0.0534	02:20:11	No
2	2.402	2.402	0.0524	0.2975	0.0534	02:20:49	No
Mean:	2.402	2.402	0.0524				

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SD : 0.0000 0.0000 0.0000
%RSD:

Element: Hg Seq. No.: 79 AS Loc.: 39 Date: 07/28/2009
Sample ID: 0907072-016A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.765	0.765	0.0167	0.0995	0.0177	02:22:21	No
2	0.762	0.762	0.0166	0.0990	0.0176	02:22:59	No
Mean:	0.763	0.763	0.0167				
SD :	0.0018	0.0018	0.0000				
%RSD:	0.2	0.2	0.2405				

Element: Hg Seq. No.: 80 AS Loc.: 40 Date: 07/28/2009
Sample ID: 0907072-017A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.967	1.967	0.0429	0.2487	0.0439	02:24:31	No
2	1.964	1.964	0.0429	0.2485	0.0439	02:25:09	No
Mean:	1.965	1.965	0.0429				
SD :	0.0018	0.0018	0.0000				
%RSD:							

Element: Hg Seq. No.: 81 AS Loc.: 41 Date: 07/28/2009
Sample ID: 0907072-018A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.534	0.534	0.0116	0.0714	0.0127	02:26:42	No
2	0.532	0.532	0.0116	0.0713	0.0126	02:27:20	No
Mean:	0.533	0.533	0.0116				
SD :	0.0008	0.0008	0.0000				
%RSD:	0.1	0.1	0.1491				

Element: Hg Seq. No.: 82 AS Loc.: 42 Date: 07/28/2009
Sample ID: 0907072-020A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	66.29	66.29	1.4464	13.9232	1.4474	02:28:53	No
Sample absorbance is greater than that of the highest standard.							
2	65.14	65.14	1.4213	13.5945	1.4223	02:29:31	No
Sample absorbance is greater than that of the highest standard.							
Mean:	65.71	65.71	1.4339				
SD :	0.8130	0.8130	0.0177				
%RSD:	1.2	1.2	1.2372				
Sample absorbance is greater than that of the highest standard.							

Element: Hg Seq. No.: 83 AS Loc.: 43 Date: 07/28/2009
Sample ID: 0907072-021A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.554	5.554	0.1212	0.6873	0.1222	02:32:25	No
2	5.552	5.552	0.1211	0.6878	0.1221	02:33:03	No
Mean:	5.553	5.553	0.1212				
SD :	0.0016	0.0016	0.0000				
%RSD:							

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Element: Hg Seq. No.: 84 AS Loc.: 44 Date: 07/28/2009
Sample ID: MB-9782

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.008	0.008	0.0002	0.0057	0.0012	02:34:37	No
2	0.016	0.016	0.0003	0.0073	0.0014	02:35:15	No
Mean:	0.012	0.012	0.0003				
SD :	0.0051	0.0051	0.0001				
%RSD:	42.3	42.3	42.2816				

Element: Hg Seq. No.: 85 AS Loc.: 45 Date: 07/28/2009
Sample ID: CCV4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.133	2.133	0.0465	0.2685	0.0475	02:36:50	No
2	2.141	2.141	0.0467	0.2687	0.0477	02:37:28	No
Mean:	2.137	2.137	0.0466				
SD :	0.0061	0.0061	0.0001				
%RSD:	0.3	0.3	0.2862				

Element: Hg Seq. No.: 86 AS Loc.: 46 Date: 07/28/2009
Sample ID: CCB4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.015	-0.015	-0.0003	0.0036	0.0007	02:39:03	No
2	-0.012	-0.012	-0.0003	0.0039	0.0007	02:39:41	No
Mean:	-0.013	-0.013	-0.0003				
SD :	0.0021	0.0021	0.0000				
%RSD:	15.5	15.5	15.4763				

Element: Hg Seq. No.: 87 AS Loc.: 47 Date: 07/28/2009
Sample ID: LCS-9782

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.627	4.627	0.1010	0.5803	0.1020	02:41:16	No
2	4.611	4.611	0.1006	0.5764	0.1016	02:41:54	No
Mean:	4.619	4.619	0.1008				
SD :	0.0114	0.0114	0.0002				
%RSD:	0.2	0.2	0.2477				

Element: Hg Seq. No.: 88 AS Loc.: 48 Date: 07/28/2009
Sample ID: 0907072-019A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.192	3.192	0.0697	0.4018	0.0707	02:43:25	No
2	3.183	3.183	0.0694	0.3904	0.0705	02:44:03	No
Mean:	3.187	3.187	0.0695				
SD :	0.0066	0.0066	0.0001				
%RSD:	0.2	0.2	0.2076				

Element: Hg Seq. No.: 89 AS Loc.: 49 Date: 07/28/2009
Sample ID: 0907072-019AMS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.815	5.815	0.1269	0.7192	0.1279	02:45:32	No
2	5.826	5.826	0.1271	0.7183	0.1281	02:46:10	No

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Mean:	5.820	5.820	0.1270
SD :	0.0075	0.0075	0.0002
%RSD:	0.1	0.1	0.1293

Element: Hg Seq. No.: 90 AS Loc.: 50 Date: 07/28/2009
Sample ID: 0907072-019AMSD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.221	5.221	0.1139	0.6484	0.1149	02:47:39	No
2	5.199	5.199	0.1134	0.6452	0.1144	02:48:17	No
Mean:	5.210	5.210	0.1137				
SD :	0.0159	0.0159	0.0003				
%RSD:	0.3	0.3	0.3055				

Element: Hg Seq. No.: 91 AS Loc.: 51 Date: 07/28/2009
Sample ID: 0907072-022A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.980	0.980	0.0214	0.1248	0.0224	02:49:46	No
2	0.980	0.980	0.0214	0.1246	0.0224	02:50:24	No
Mean:	0.980	0.980	0.0214				
SD :	0.0001	0.0001	0.0000				
%RSD:							

Element: Hg Seq. No.: 92 AS Loc.: 52 Date: 07/28/2009
Sample ID: 0907072-023A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.462	3.462	0.0755	0.4337	0.0766	02:51:53	No
2	3.462	3.462	0.0755	0.4318	0.0766	02:52:31	No
Mean:	3.462	3.462	0.0755				
SD :	0.0000	0.0000	0.0000				
%RSD:							

Element: Hg Seq. No.: 93 AS Loc.: 53 Date: 07/28/2009
Sample ID: 0907072-024A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.389	0.389	0.0085	0.0539	0.0095	02:54:01	No
2	0.392	0.392	0.0086	0.0543	0.0096	02:54:39	No
Mean:	0.391	0.391	0.0085				
SD :	0.0022	0.0022	0.0000				
%RSD:	0.6	0.6	0.5643				

Element: Hg Seq. No.: 94 AS Loc.: 54 Date: 07/28/2009
Sample ID: 0907072-025A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.292	0.292	0.0064	0.0424	0.0074	02:56:10	No
2	0.290	0.290	0.0063	0.0416	0.0073	02:56:48	No
Mean:	0.291	0.291	0.0063				
SD :	0.0016	0.0016	0.0000				
%RSD:	0.5	0.5	0.5378				

Element: Hg Seq. No.: 95 AS Loc.: 55 Date: 07/28/2009
Sample ID: 0907072-026A

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Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.511	0.511	0.0112	0.0691	0.0122	02:58:20	No
2	0.514	0.514	0.0112	0.0694	0.0122	02:58:58	No
Mean:	0.513	0.513	0.0112				
SD :	0.0023	0.0023	0.0001				
%RSD:	0.4	0.4	0.4484				

Element: Hg Seq. No.: 96 AS Loc.: 56 Date: 07/28/2009
Sample ID: 0907072-027A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.647	0.647	0.0141	0.0851	0.0151	03:00:29	No
2	0.646	0.646	0.0141	0.0847	0.0151	03:01:07	No
Mean:	0.646	0.646	0.0141				
SD :	0.0004	0.0004	0.0000				
%RSD:							

Element: Hg Seq. No.: 97 AS Loc.: 57 Date: 07/28/2009
Sample ID: CCV5

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.129	2.129	0.0465	0.2701	0.0475	03:02:38	No
2	2.130	2.130	0.0465	0.2686	0.0475	03:03:16	No
Mean:	2.129	2.129	0.0465				
SD :	0.0005	0.0005	0.0000				
%RSD:							

Element: Hg Seq. No.: 98 AS Loc.: 58 Date: 07/28/2009
Sample ID: CCB5

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.021	-0.021	-0.0005	0.0030	0.0005	03:04:49	No
2	-0.021	-0.021	-0.0005	0.0031	0.0006	03:05:27	No
Mean:	-0.021	-0.021	-0.0005				
SD :	0.0004	0.0004	0.0000				
%RSD:	1.9	1.9	1.9415				

Element: Hg Seq. No.: 99 AS Loc.: 59 Date: 07/28/2009
Sample ID: 0907072-028A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.032	1.032	0.0225	0.1332	0.0235	03:07:00	No
2	1.031	1.031	0.0225	0.1327	0.0235	03:07:38	No
Mean:	1.032	1.032	0.0225				
SD :	0.0008	0.0008	0.0000				
%RSD:							

Element: Hg Seq. No.: 100 AS Loc.: 60 Date: 07/28/2009
Sample ID: 0907072-029A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.736	0.736	0.0161	0.0968	0.0171	03:09:11	No
2	0.739	0.739	0.0161	0.0941	0.0171	03:09:49	No
Mean:	0.738	0.738	0.0161				
SD :	0.0015	0.0015	0.0000				

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%RSD: 0.2 0.2 0.1997

Element: Hg Seq. No.: 101 AS Loc.: 61 Date: 07/28/2009
Sample ID: 0907072-030A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.738	0.738	0.0161	0.0962	0.0171	03:11:24	No
2	0.739	0.739	0.0161	0.0958	0.0171	03:12:02	No
Mean:	0.739	0.739	0.0161				
SD :	0.0002	0.0002	0.0000				
%RSD:							

Element: Hg Seq. No.: 102 AS Loc.: 62 Date: 07/28/2009
Sample ID: 0907072-031A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.278	1.278	0.0279	0.1618	0.0289	03:13:37	No
2	1.272	1.272	0.0277	0.1609	0.0288	03:14:15	No
Mean:	1.275	1.275	0.0278				
SD :	0.0046	0.0046	0.0001				
%RSD:	0.4	0.4	0.3595				

Element: Hg Seq. No.: 103 AS Loc.: 63 Date: 07/28/2009
Sample ID: 0907072-032A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.877	0.877	0.0191	0.1124	0.0202	03:15:46	No
2	0.879	0.879	0.0192	0.1124	0.0202	03:16:24	No
Mean:	0.878	0.878	0.0192				
SD :	0.0009	0.0009	0.0000				
%RSD:	0.1	0.1	0.1069				

Element: Hg Seq. No.: 104 AS Loc.: 64 Date: 07/28/2009
Sample ID: 0907072-033A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.117	0.117	0.0026	0.0200	0.0036	03:17:52	No
2	0.117	0.117	0.0026	0.0199	0.0036	03:18:30	No
Mean:	0.117	0.117	0.0026				
SD :	0.0000	0.0000	0.0000				
%RSD:							

Element: Hg Seq. No.: 105 AS Loc.: 65 Date: 07/28/2009
Sample ID: 0907072-034A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.170	1.170	0.0255	0.1493	0.0265	03:19:59	No
2	1.168	1.168	0.0255	0.1487	0.0265	03:20:37	No
Mean:	1.169	1.169	0.0255				
SD :	0.0010	0.0010	0.0000				
%RSD:							

Element: Hg Seq. No.: 106 AS Loc.: 66 Date: 07/28/2009
Sample ID: 0907072-035A

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

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#	µg/L	µg/L	Signal	Area	Height		Stored
1	7.339	7.339	0.1601	0.9206	0.1612	03:22:07	No
2	7.338	7.338	0.1601	0.9207	0.1611	03:22:45	No
Mean:	7.339	7.339	0.1601				
SD :	0.0007	0.0007	0.0000				
%RSD:							

Element: Hg Seq. No.: 107 AS Loc.: 67 Date: 07/28/2009
Sample ID: 0907072-036A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.445	1.445	0.0315	0.1822	0.0325	03:24:14	No
2	1.440	1.440	0.0314	0.1816	0.0324	03:24:52	No
Mean:	1.442	1.442	0.0315				
SD :	0.0036	0.0036	0.0001				
%RSD:	0.3	0.3	0.2507				

Element: Hg Seq. No.: 108 AS Loc.: 68 Date: 07/28/2009
Sample ID: 0907072-037A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.648	1.648	0.0360	0.2084	0.0370	03:26:23	No
2	1.625	1.625	0.0355	0.2041	0.0365	03:27:01	No
Mean:	1.636	1.636	0.0357				
SD :	0.0165	0.0165	0.0004				
%RSD:	1.0	1.0	1.0074				

Element: Hg Seq. No.: 109 AS Loc.: 69 Date: 07/28/2009
Sample ID: CCV6

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.118	2.118	0.0462	0.2662	0.0472	03:28:32	No
2	2.130	2.130	0.0465	0.2672	0.0475	03:29:10	No
Mean:	2.124	2.124	0.0463				
SD :	0.0090	0.0090	0.0002				
%RSD:	0.4	0.4	0.4227				

Element: Hg Seq. No.: 110 AS Loc.: 70 Date: 07/28/2009
Sample ID: CCB6

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.020	-0.020	-0.0004	0.0028	0.0006	03:30:41	No
2	-0.019	-0.019	-0.0004	0.0033	0.0006	03:31:19	No
Mean:	-0.019	-0.019	-0.0004				
SD :	0.0010	0.0010	0.0000				
%RSD:	5.3	5.3	5.3487				

Element: Hg Seq. No.: 111 AS Loc.: 71 Date: 07/28/2009
Sample ID: 0907072-039A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.589	1.589	0.0347	0.2012	0.0357	03:32:50	No
2	1.592	1.592	0.0347	0.2013	0.0357	03:33:28	No
Mean:	1.590	1.590	0.0347				
SD :	0.0019	0.0019	0.0000				
%RSD:	0.1	0.1	0.1172				

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Element: Hg Seq. No.: 112 AS Loc.: 72 Date: 07/28/2009
Sample ID: 0907072-040A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.627	1.627	0.0355	0.2060	0.0365	03:35:01	No
2	1.616	1.616	0.0353	0.2041	0.0363	03:35:39	No
Mean:	1.622	1.622	0.0354				
SD :	0.0078	0.0078	0.0002				
%RSD:	0.5	0.5	0.4796				

Element: Hg Seq. No.: 113 AS Loc.: 73 Date: 07/28/2009
Sample ID: 0907072-041A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	23.61	23.61	0.5151	3.0696	0.5161	03:37:12	No
Sample absorbance is greater than that of the highest standard.							
2	23.54	23.54	0.5136	3.0637	0.5147	03:37:50	No
Sample absorbance is greater than that of the highest standard.							
Mean:	23.57	23.57	0.5144				
SD :	0.0479	0.0479	0.0010				
%RSD:	0.2	0.2	0.2033				
Sample absorbance is greater than that of the highest standard.							

Element: Hg Seq. No.: 114 AS Loc.: 74 Date: 07/28/2009
Sample ID: MB-9783

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.020	-0.020	-0.0004	0.0023	0.0006	03:39:23	No
2	-0.019	-0.019	-0.0004	0.0026	0.0006	03:40:01	No
Mean:	-0.020	-0.020	-0.0004				
SD :	0.0003	0.0003	0.0000				
%RSD:	1.3	1.3	1.2853				

Element: Hg Seq. No.: 115 AS Loc.: 75 Date: 07/28/2009
Sample ID: LCS-9783

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.697	4.697	0.1025	0.5872	0.1035	03:41:34	No
2	4.695	4.695	0.1025	0.5870	0.1035	03:42:12	No
Mean:	4.696	4.696	0.1025				
SD :	0.0010	0.0010	0.0000				
%RSD:							

Element: Hg Seq. No.: 116 AS Loc.: 76 Date: 07/28/2009
Sample ID: 0907072-038A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.911	0.911	0.0199	0.1187	0.0209	03:43:46	No
2	0.906	0.906	0.0198	0.1175	0.0208	03:44:24	No
Mean:	0.908	0.908	0.0198				
SD :	0.0034	0.0034	0.0001				
%RSD:	0.4	0.4	0.3781				

Element: Hg Seq. No.: 117 AS Loc.: 77 Date: 07/28/2009
Sample ID: 0907072-038AMS

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Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.027	3.027	0.0661	0.3810	0.0671	03:45:59	No
2	3.009	3.009	0.0656	0.3802	0.0667	03:46:37	No
Mean:	3.018	3.018	0.0659				
SD :	0.0133	0.0133	0.0003				
%RSD:	0.4	0.4	0.4411				

Element: Hg Seq. No.: 118 AS Loc.: 78 Date: 07/28/2009
Sample ID: 0907072-038AMSD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.002	3.002	0.0655	0.3749	0.0665	03:48:08	No
2	2.981	2.981	0.0650	0.3764	0.0661	03:48:46	No
Mean:	2.992	2.992	0.0653				
SD :	0.0151	0.0151	0.0003				
%RSD:	0.5	0.5	0.5049				

Element: Hg Seq. No.: 119 AS Loc.: 79 Date: 07/28/2009
Sample ID: 0907072-042A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	6.056	6.056	0.1321	0.7611	0.1331	03:50:14	No
2	6.048	6.048	0.1320	0.7589	0.1330	03:50:52	No
Mean:	6.052	6.052	0.1321				
SD :	0.0052	0.0052	0.0001				
%RSD:							

Element: Hg Seq. No.: 120 AS Loc.: 80 Date: 07/28/2009
Sample ID: 0907072-043A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	7.923	7.923	0.1729	1.0012	0.1739	03:52:21	No
2	7.978	7.978	0.1741	1.0043	0.1751	03:52:59	No
Mean:	7.950	7.950	0.1735				
SD :	0.0389	0.0389	0.0008				
%RSD:	0.5	0.5	0.4895				

Element: Hg Seq. No.: 121 AS Loc.: 81 Date: 07/28/2009
Sample ID: CCV7

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.150	2.150	0.0469	0.2707	0.0479	03:54:28	No
2	2.160	2.160	0.0471	0.2717	0.0481	03:55:06	No
Mean:	2.155	2.155	0.0470				
SD :	0.0070	0.0070	0.0002				
%RSD:	0.3	0.3	0.3263				

Element: Hg Seq. No.: 122 AS Loc.: 82 Date: 07/28/2009
Sample ID: CCB7

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.022	-0.022	-0.0005	0.0030	0.0005	03:56:35	No
2	-0.022	-0.022	-0.0005	0.0026	0.0005	03:57:13	No
Mean:	-0.022	-0.022	-0.0005				
SD :	0.0005	0.0005	0.0000				
%RSD:	2.1	2.1	2.0593				

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Element: Hg Seq. No.: 123 AS Loc.: 83 Date: 07/28/2009
Sample ID: 0907072-044A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.456	1.456	0.0318	0.1858	0.0328	03:58:44	No
2	1.457	1.457	0.0318	0.1847	0.0328	03:59:22	No
Mean:	1.457	1.457	0.0318				
SD :	0.0006	0.0006	0.0000				
%RSD:							

Element: Hg Seq. No.: 124 AS Loc.: 84 Date: 07/28/2009
Sample ID: 0907072-045A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.528	2.528	0.0552	0.3183	0.0562	04:00:52	No
2	2.508	2.508	0.0547	0.3149	0.0557	04:01:30	No
Mean:	2.518	2.518	0.0549				
SD :	0.0146	0.0146	0.0003				
%RSD:	0.6	0.6	0.5795				

Element: Hg Seq. No.: 125 AS Loc.: 85 Date: 07/28/2009
Sample ID: 0907072-046A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.714	0.714	0.0156	0.0929	0.0166	04:03:01	No
2	0.714	0.714	0.0156	0.0928	0.0166	04:03:39	No
Mean:	0.714	0.714	0.0156				
SD :	0.0002	0.0002	0.0000				
%RSD:							

Element: Hg Seq. No.: 126 AS Loc.: 86 Date: 07/28/2009
Sample ID: 0907072-047A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.637	0.637	0.0139	0.0849	0.0149	04:05:11	No
2	0.638	0.638	0.0139	0.0826	0.0149	04:05:49	No
Mean:	0.637	0.637	0.0139				
SD :	0.0013	0.0013	0.0000				
%RSD:	0.2	0.2	0.2020				

Element: Hg Seq. No.: 127 AS Loc.: 87 Date: 07/28/2009
Sample ID: 0907072-048A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	8.417	8.417	0.1837	1.0384	0.1847	04:07:19	No
2	8.461	8.461	0.1846	1.0366	0.1856	04:07:57	No
Mean:	8.439	8.439	0.1841				
SD :	0.0310	0.0310	0.0007				
%RSD:	0.4	0.4	0.3677				

Element: Hg Seq. No.: 128 AS Loc.: 88 Date: 07/28/2009
Sample ID: 0907072-049A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.988	4.988	0.1088	0.6152	0.1098	04:09:30	No
2	4.999	4.999	0.1091	0.6145	0.1101	04:10:08	No
Mean:	4.993	4.993	0.1090				

SD :	0.0082	0.0082	0.0002
%RSD:	0.2	0.2	0.1634

Element: Hg Seq. No.: 129 AS Loc.: 89 Date: 07/28/2009
Sample ID: 0907072-050A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.243	4.243	0.0926	0.5220	0.0936	04:11:41	No
2	4.221	4.221	0.0921	0.5202	0.0931	04:12:19	No
Mean:	4.232	4.232	0.0923				
SD :	0.0160	0.0160	0.0003				
%RSD:	0.4	0.4	0.3774				

Element: Hg Seq. No.: 130 AS Loc.: 90 Date: 07/28/2009
Sample ID: 0907072-051A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.912	1.912	0.0417	0.2372	0.0427	04:13:52	No
2	1.897	1.897	0.0414	0.2348	0.0424	04:14:30	No
Mean:	1.905	1.905	0.0416				
SD :	0.0110	0.0110	0.0002				
%RSD:	0.6	0.6	0.5756				

Element: Hg Seq. No.: 131 AS Loc.: 91 Date: 07/28/2009
Sample ID: 0907072-052A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.850	1.850	0.0404	0.2303	0.0414	04:16:03	No
2	1.851	1.851	0.0404	0.2295	0.0414	04:16:41	No
Mean:	1.851	1.851	0.0404				
SD :	0.0005	0.0005	0.0000				
%RSD:							

Element: Hg Seq. No.: 132 AS Loc.: 92 Date: 07/28/2009
Sample ID: 0907072-053A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	7.580	7.580	0.1654	0.9426	0.1664	04:18:12	No
2	7.590	7.590	0.1656	0.9400	0.1666	04:18:50	No
Mean:	7.585	7.585	0.1655				
SD :	0.0071	0.0071	0.0002				
%RSD:							

Element: Hg Seq. No.: 133 AS Loc.: 93 Date: 07/28/2009
Sample ID: CCV8

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.149	2.149	0.0469	0.2670	0.0479	04:20:18	No
2	2.150	2.150	0.0469	0.2673	0.0479	04:20:56	No
Mean:	2.149	2.149	0.0469				
SD :	0.0002	0.0002	0.0000				
%RSD:							

Element: Hg Seq. No.: 134 AS Loc.: 94 Date: 07/28/2009
Sample ID: CCB8

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Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.022	-0.022	-0.0005	0.0030	0.0005	04:22:25	No
2	-0.020	-0.020	-0.0004	0.0031	0.0006	04:23:03	No
Mean:	-0.021	-0.021	-0.0005				
SD :	0.0009	0.0009	0.0000				
%RSD:	4.3	4.3	4.3454				

Element: Hg Seq. No.: 135 AS Loc.: 95 Date: 07/28/2009
Sample ID: 0907072-054A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.507	3.507	0.0765	0.4353	0.0775	04:24:31	No
2	3.493	3.493	0.0762	0.4315	0.0772	04:25:09	No
Mean:	3.500	3.500	0.0764				
SD :	0.0099	0.0099	0.0002				
%RSD:	0.3	0.3	0.2842				

Element: Hg Seq. No.: 136 AS Loc.: 96 Date: 07/28/2009
Sample ID: 0907072-055A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.963	0.963	0.0210	0.1230	0.0220	04:26:38	No
2	0.961	0.961	0.0210	0.1221	0.0220	04:27:16	No
Mean:	0.962	0.962	0.0210				
SD :	0.0013	0.0013	0.0000				
%RSD:	0.1	0.1	0.1390				

Element: Hg Seq. No.: 137 AS Loc.: 9 Date: 07/28/2009
Sample ID: 0907072-007A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	16.94	1.694	0.0370	0.2104	0.0380	04:35:16	No
2	16.98	1.698	0.0371	0.2092	0.0381	04:35:54	No
Mean:	16.96	1.696	0.0370				
SD :	0.0321	0.0032	0.0001				
%RSD:	0.2	0.2	0.1891				

Element: Hg Seq. No.: 138 AS Loc.: 10 Date: 07/28/2009
Sample ID: 0907072-010A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2793	2.793	0.0609	0.3418	0.0619	04:37:25	No
2	2802	2.802	0.0611	0.3415	0.0621	04:38:03	No
Mean:	2797	2.797	0.0610				
SD :	6.333	0.0063	0.0001				
%RSD:	0.2	0.2	0.2264				

Element: Hg Seq. No.: 139 AS Loc.: 11 Date: 07/28/2009
Sample ID: 0907072-011A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	8972	8.972	0.1958	1.0947	0.1968	04:39:34	No
2	8979	8.979	0.1959	1.0919	0.1969	04:40:12	No
Mean:	8976	8.976	0.1958				
SD :	5.177	0.0052	0.0001				
%RSD:							

Element: Hg Seq. No.: 140 AS Loc.: 13 Date: 07/28/2009
Sample ID: 0907072-020A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	335.1	3.351	0.0731	0.4079	0.0741	04:42:14	No
2	334.4	3.344	0.0730	0.4069	0.0740	04:42:52	No
Mean:	334.8	3.348	0.0730				
SD :	0.4471	0.0045	0.0001				
%RSD:	0.1	0.1	0.1336				

Element: Hg Seq. No.: 141 AS Loc.: 14 Date: 07/28/2009
Sample ID: 0907072-001ASD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.706	0.541	0.0118	0.0703	0.0128	04:44:25	No
2	2.709	0.542	0.0118	0.0704	0.0128	04:45:03	No
Mean:	2.707	0.541	0.0118				
SD :	0.0022	0.0004	0.0000				
%RSD:							

Element: Hg Seq. No.: 142 AS Loc.: 15 Date: 07/28/2009
Sample ID: 0907072-001APDS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.991	4.991	0.1089	0.6105	0.1099	04:46:38	No
2	4.984	4.984	0.1088	0.6073	0.1098	04:47:16	No
Mean:	4.988	4.988	0.1088				

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SD : 0.0048 0.0048 0.0001
%RSD:

Element: Hg Seq. No.: 143 AS Loc.: 16 Date: 07/28/2009
Sample ID: 0907072-019ASD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.994	0.599	0.0131	0.0774	0.0141	04:48:53	No
2	2.995	0.599	0.0131	0.0763	0.0141	04:49:31	No
Mean:	2.995	0.599	0.0131				
SD :	0.0012	0.0002	0.0000				
%RSD:							

Element: Hg Seq. No.: 144 AS Loc.: 17 Date: 07/28/2009
Sample ID: CCV9

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.145	2.145	0.0468	0.2633	0.0478	04:51:04	No
2	2.153	2.153	0.0470	0.2636	0.0480	04:51:42	No
Mean:	2.149	2.149	0.0469				
SD :	0.0061	0.0061	0.0001				
%RSD:	0.3	0.3	0.2846				

Element: Hg Seq. No.: 145 AS Loc.: 18 Date: 07/28/2009
Sample ID: CCB9

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.017	-0.017	-0.0004	0.0036	0.0006	04:53:11	No
2	-0.016	-0.016	-0.0003	0.0037	0.0007	04:53:49	No
Mean:	-0.016	-0.016	-0.0004				
SD :	0.0004	0.0004	0.0000				
%RSD:	2.7	2.7	2.7477				

Element: Hg Seq. No.: 146 AS Loc.: 19 Date: 07/28/2009
Sample ID: 0907072-019APDS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.144	5.144	0.1122	0.6287	0.1133	04:55:19	No
2	5.145	5.145	0.1123	0.6251	0.1133	04:55:57	No
Mean:	5.145	5.145	0.1123				
SD :	0.0007	0.0007	0.0000				
%RSD:							

Element: Hg Seq. No.: 147 AS Loc.: 20 Date: 07/28/2009
Sample ID: 0907072-041A

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	27.72	2.772	0.0605	0.3379	0.0615	04:57:28	No
2	27.69	2.769	0.0604	0.3365	0.0614	04:58:06	No
Mean:	27.71	2.771	0.0605				
SD :	0.0219	0.0022	0.0000				
%RSD:							

Element: Hg Seq. No.: 148 AS Loc.: 21 Date: 07/28/2009
Sample ID: 0907072-038ASD

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Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.799	0.160	0.0035	0.0246	0.0045	04:59:38	No
2	0.810	0.162	0.0035	0.0249	0.0045	05:00:16	No
Mean:	0.805	0.161	0.0035				
SD :	0.0079	0.0016	0.0000				
%RSD:	1.0	1.0	0.9869				

Element: Hg Seq. No.: 149 AS Loc.: 22 Date: 07/28/2009
Sample ID: 0907072-038APDS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.006	3.006	0.0656	0.3696	0.0666	05:01:47	No
2	3.000	3.000	0.0655	0.3677	0.0665	05:02:25	No
Mean:	3.003	3.003	0.0655				
SD :	0.0045	0.0045	0.0001				
%RSD:	0.1	0.1	0.1495				

Element: Hg Seq. No.: 150 AS Loc.: 23 Date: 07/28/2009
Sample ID: CCV10

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.154	2.154	0.0470	0.2648	0.0480	05:03:56	No
2	2.155	2.155	0.0470	0.2641	0.0480	05:04:34	No
Mean:	2.154	2.154	0.0470				
SD :	0.0010	0.0010	0.0000				
%RSD:							

Element: Hg Seq. No.: 151 AS Loc.: 24 Date: 07/28/2009
Sample ID: CCB10

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.017	-0.017	-0.0004	0.0033	0.0006	05:06:06	No
2	-0.014	-0.014	-0.0003	0.0037	0.0007	05:06:44	No
Mean:	-0.016	-0.016	-0.0003				
SD :	0.0021	0.0021	0.0000				
%RSD:	13.5	13.5	13.5203				

Element: Hg Seq. No.: 152 AS Loc.: 25 Date: 07/28/2009
Sample ID: 0907079-001B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.241	0.241	0.0053	0.0358	0.0063	05:08:17	No
2	0.242	0.242	0.0053	0.0357	0.0063	05:08:55	No
Mean:	0.241	0.241	0.0053				
SD :	0.0006	0.0006	0.0000				
%RSD:	0.3	0.3	0.2507				

Element: Hg Seq. No.: 153 AS Loc.: 26 Date: 07/28/2009
Sample ID: 0907107-001B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	6.096	6.096	0.1330	0.7541	0.1340	05:10:28	No
2	6.106	6.106	0.1332	0.7506	0.1342	05:11:06	No
Mean:	6.101	6.101	0.1331				
SD :	0.0068	0.0068	0.0001				
%RSD:	0.1	0.1	0.1120				

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Element: Hg Seq. No.: 154 AS Loc.: 27 Date: 07/28/2009
Sample ID: 0907107-002B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.336	1.336	0.0292	0.1683	0.0302	05:12:40	No
2	1.334	1.334	0.0291	0.1677	0.0301	05:13:18	No
Mean:	1.335	1.335	0.0291				
SD :	0.0016	0.0016	0.0000				
%RSD:	0.1	0.1	0.1232				

Element: Hg Seq. No.: 155 AS Loc.: 28 Date: 07/28/2009
Sample ID: 0907107-003B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.188	2.188	0.0477	0.2727	0.0487	05:14:53	No
2	2.187	2.187	0.0477	0.2723	0.0487	05:15:31	No
Mean:	2.187	2.187	0.0477				
SD :	0.0005	0.0005	0.0000				
%RSD:							

Element: Hg Seq. No.: 156 AS Loc.: 29 Date: 07/28/2009
Sample ID: CCV11

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.143	2.143	0.0468	0.2677	0.0478	05:17:06	No
2	2.149	2.149	0.0469	0.2679	0.0479	05:17:44	No
Mean:	2.146	2.146	0.0468				
SD :	0.0040	0.0040	0.0001				
%RSD:	0.2	0.2	0.1870				

Element: Hg Seq. No.: 157 AS Loc.: 30 Date: 07/28/2009
Sample ID: CCB11

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.019	-0.019	-0.0004	0.0033	0.0006	05:19:19	No
2	-0.017	-0.017	-0.0004	0.0037	0.0006	05:19:57	No
Mean:	-0.018	-0.018	-0.0004				
SD :	0.0012	0.0012	0.0000				
%RSD:	6.5	6.5	6.5449				

LABORATORY WORKSHEETS

Life Science Laboratories, Inc.
Brittonfield Lab

Mercury Water Digestion Calibration Log

QC Batch# — **Prep Start Date:** 7/22/09 12:00 **Prep End Date:** 7/22/09 14:00

#	Sample ID	Client ID	Initial Volume (mL)	Final Volume (mL)	Method	Std # / Comments
1	ICAL 0.0 µg/L		0	50	245.1/7470A	8094-S
2	ICAL 0.2 µg/L		0.2	50	245.1/7470A	8094-S
3	ICAL 0.5 µg/L		0.5	50	245.1/7470A	8094-S
4	ICAL 1.0 µg/L		1	50	245.1/7470A	8094-S
5	ICAL 2.0 µg/L		2	50	245.1/7470A	8094-S
6	ICAL 5.0 µg/L		5	50	245.1/7470A	8094-S
7	ICAL 10.0 µg/L		10	50	245.1/7470A	8094-S
8	ICV		4	50	245.1/7470A	8095-S
9	IPC		5	50	245.1	8096-S
11	CCV		2	50	245.1/7470A	8098-S
12	ICB		50	50	245.1/7470A	8093-S
14	CCB		50	50	245.1/7470A	8093-S
15	PQL STD		0.2	50	245.1/7470A	8097-S
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						MT 7-23-09
30						
31						
32						

Reagents/Soln#

(A) 50 µg/L Hg — Working Std. Solution # 8091-S

(B) 50 µg/L Hg — Reference Std. Solution # 8092-S

(C) — mL of — — Spike Solution # —

HNO_3 # JT Baker H02026 — $KMnO_4$ # 3108-R

H_2SO_4 # JT Baker G09F03 — $NaCl(NH_2OH)$ # 3065-R

$K_2S_2O_8$ # 3034-R — Carrier # 3116-R

Aqua Regia # — — $SnCl_2$ # 3117-R

Prepared by: Cang Tran

Date: 7/22/09

Reviewed by: MT

Date: 7-23-09

Digestion Temp (°C): 95

Life Science Laboratories, Inc.
Brittonfield Lab

Mercury Water Digestion Log

QC Batch# 9753 **Prep Start Date:** 7/22/09 12:00 **Prep End Date:** 7/22/09 14:00

#	Sample ID	Client ID	Initial Volume (mL)	Final Volume (mL)	Method	Comments
1	MB-9753		50	50	HG7470WPREP	
2	LCS-9753		50	50	HG7470WPREP	5 mL (B)
3	0907070-001B	[redacted]	25	50	HG7470WPREP	
4	0907070-001BMS	[redacted]	25	50	HG7470WPREP	(C)
5	0907070-001BMSD	[redacted]	25	50	HG7470WPREP	(C)
6	0907070-002B	[redacted]	25	50	HG7470WPREP	
7	0907070-003B	[redacted]	25	50	HG7470WPREP	
8	0907070-004B	[redacted]	25	50	HG7470WPREP	
9	0907070-005B	[redacted]	25	50	HG7470WPREP	
10	0907070-006B	[redacted]	25	50	HG7470WPREP	
11	0907070-007B	[redacted]	25	50	HG7470WPREP	
12	0907070-008B	[redacted]	25	50	HG7470WPREP	
13	0907070-009B	[redacted]	25	50	HG7470WPREP	
14	0907070-010B	[redacted]	25	50	HG7470WPREP	
15	0907072-056A	EA	50	50	HG7470WPREP	
16	0907079-001B	[redacted]	25	50	HG7470WPREP	
17	0907088-007B	EA	25	50	HG7470WPREP	
18	0907088-007BMS	EA	25	50	HG7470WPREP	(C)
19	0907088-007BMSD	EA	25	50	HG7470WPREP	(C)
20	0907093-001B	[redacted]	25	50	HG7470WPREP	
21	TBLK2-9726		25	50	HG7470WPREP	
22	TBLK2-9734		25	50	HG7470WPREP	
23	TBLK1-9734		25	50	HG7470WPREP	
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Reagents/Soln#

(A) 50 µg/L Hg — Working Std. Solution # 8091-S

(B) 50 µg/L Hg — Reference Std. Solution # 8092-S

(C) 0.1 mL of Hg TCLP — Spike Solution # 8127-S

HNO_3 # JT Baker H02026 — $KMnO_4$ # 3108-R

H_2SO_4 # JT Baker G09F03 — $NaCl(NH_2OH)$ # 3065-R

$K_2S_2O_8$ # 3034-R — Carrier # 3116-R

Aqua Regia # — — $SnCl_2$ # 3117-R

Prepared by: Cang Tran

Date: 7/22/09

Reviewed by: mT

Date: 7-23-09

Digestion Temp (°C): 95

Life Science Laboratories, Inc.
Brittonfield Lab

Mercury Soil Digestion Calibration Log

QC Batch# — Prep Start Date: 7/27/09 11:30 Prep End Date: 7/27/09 12:00

#	Sample ID	Client ID	Initial Volume (mL)	Final Volume (mL)	Method	Std # / Comments
1	ICAL 0.0 µg/L		0	50	245.5/7471A	8105-S
2	ICAL 0.2 µg/L		0.2	50	245.5/7471A	8105-S
3	ICAL 0.5 µg/L		0.5	50	245.5/7471A	8105-S
4	ICAL 1.0 µg/L		1	50	245.5/7471A	8105-S
5	ICAL 2.0 µg/L		2	50	245.5/7471A	8105-S
6	ICAL 5.0 µg/L		5	50	245.5/7471A	8105-S
7	ICAL 10.0 µg/L		10	50	245.5/7471A	8105-S
8	ICV		4	50	245.5/7471A	8106-S
9	CCV		2	50	245.5/7471A	8108-S
10	CCV		2	50	245.5/7471A	8109-S
11	ICB		10	50	245.5/7471A	8104-S
12	CCB		10	50	245.5/7471A	8104-S
13	CCB		10	50	245.5/7471A	8104-S
14	PQL STD		0.2	50	245.5/7471A	8107-S
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29						mi 7.28.09
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32						

Reagents/Soln#

(A) 50 µg/L Hg — Working Std. Solution # 8102-S

(B) 50 µg/L Hg — Reference Std. Solution # 8103-S

(C) — mL of — — Spike Solution # —

HNO_3 # — — $KMnO_4$ # 3108-R

H_2SO_4 # — — $NaCl(NH_2OH)$ # 3109-R

$K_2S_2O_8$ # — — Carrier # 3120-R

Aqua Regia # 3119-R — $SnCl_2$ # 3121-R

Prepared by: Cang Tran

Date: 7/27/09

Reviewed by: [signature]

Date: 7-28-09

Digestion Temp (°C): 95

Life Science Laboratories, Inc.
Brittonfield Lab

Mercury Soil Digestion Log

QC Batch# 9781 Prep Start Date: 7/27/09 12:30 Prep End Date: 7/27/09 13:00

#	Sample ID	Client ID	Sample Amount (g)	Final Volume (mL)	Method	Comments
1	MB-9781		0.3	50	HG7471SPREP	Teflon Chips (3039-R)
2	LCS-9781		0.3	50	HG7471SPREP	5mL (B) + Teflon Chips (3039-R)
3	0907072-001A	EA	0.3	50	HG7471SPREP	
4	0907072-001AMS	EA	0.3	50	HG7471SPREP	2mL (B)
5	0907072-001AMSD	EA	0.3	50	HG7471SPREP	2mL (B)
6	0907072-002A	EA	0.3	50	HG7471SPREP	
7	0907072-003A	EA	0.3	50	HG7471SPREP	
8	0907072-004A	EA	0.3	50	HG7471SPREP	
9	0907072-005A	EA	0.3	50	HG7471SPREP	
10	0907072-006A	EA	0.3	50	HG7471SPREP	
11	0907072-007A	EA	0.3	50	HG7471SPREP	
12	0907072-008A	EA	0.3	50	HG7471SPREP	
13	0907072-009A	EA	0.3	50	HG7471SPREP	
14	0907072-010A	EA	0.3	50	HG7471SPREP	
15	0907072-011A	EA	0.3	50	HG7471SPREP	
16	0907072-012A	EA	0.3	50	HG7471SPREP	
17	0907072-013A	EA	0.3	50	HG7471SPREP	
18	0907072-014A	EA	0.3	50	HG7471SPREP	
19	0907072-015A	EA	0.3	50	HG7471SPREP	
20	0907072-016A	EA	0.3	50	HG7471SPREP	
21	0907072-017A	EA	0.3	50	HG7471SPREP	
22	0907072-018A	EA	0.3	50	HG7471SPREP	
23	0907072-020A	EA	0.3	50	HG7471SPREP	
24	0907072-021A	EA	0.3	50	HG7471SPREP	
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32						

Reagents/Soln#

(A) 50 µg/L Hg — Working Std. Solution # 8102-S

(B) 50 µg/L Hg — Reference Std. Solution # 8103-S

(C) — mL of — — Spike Solution # —

HNO_3 # — — $KMnO_4$ # 3108-R

H_2SO_4 # — — $NaCl(NH_2OH)$ # 3109-R

$K_2S_2O_8$ # — — Carrier # 3120-R

Aqua Regia # 3119-R — $SnCl_2$ # 3121-R

Prepared by: Cang Tran

Date: 7/27/09

Reviewed by: MT

Date: 7-28-09

Digestion Temp (°C): 95

Life Science Laboratories, Inc.
Brittonfield Lab

Mercury Soil Digestion Log

QC Batch# 9782 **Prep Start Date:** 7/27/09 12:30 **Prep End Date:** 7/27/09 13:00

#	Sample ID	Client ID	Sample Amount (g)	Final Volume (mL)	Method	Comments
1	MB-9782		0.3	50	HG7471SPREP	Teflon Chips (3039-R)
2	LCS-9782		0.3	50	HG7471SPREP	5mL (B) + Teflon Chips (3039-R)
3	0907072-019A	EA	0.3	50	HG7471SPREP	
4	0907072-019AMS	EA	0.3	50	HG7471SPREP	2 mL (B)
5	0907072-019AMSD	EA	0.3	50	HG7471SPREP	2 mL (B)
6	0907072-022A	EA	0.3	50	HG7471SPREP	
7	0907072-023A	EA	0.3	50	HG7471SPREP	
8	0907072-024A	EA	0.3	50	HG7471SPREP	
9	0907072-025A	EA	0.3	50	HG7471SPREP	
10	0907072-026A	EA	0.3	50	HG7471SPREP	
11	0907072-027A	EA	0.3	50	HG7471SPREP	
12	0907072-028A	EA	0.3	50	HG7471SPREP	
13	0907072-029A	EA	0.3	50	HG7471SPREP	
14	0907072-030A	EA	0.3	50	HG7471SPREP	
15	0907072-031A	EA	0.3	50	HG7471SPREP	
16	0907072-032A	EA	0.3	50	HG7471SPREP	
17	0907072-033A	EA	0.3	50	HG7471SPREP	
18	0907072-034A	EA	0.3	50	HG7471SPREP	
19	0907072-035A	EA	0.3	50	HG7471SPREP	
20	0907072-036A	EA	0.3	50	HG7471SPREP	
21	0907072-037A	EA	0.3	50	HG7471SPREP	
22	0907072-039A	EA	0.3	50	HG7471SPREP	
23	0907072-040A	EA	0.3	50	HG7471SPREP	
24	0907072-041A	EA	0.3	50	HG7471SPREP	
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32						

Reagents/Soln#

(A) 50 µg/L Hg — Working Std. Solution # 8102-S

(B) 50 µg/L Hg — Reference Std. Solution # 8103-S

(C) — mL of — — Spike Solution # —

HNO_3 # — — $KMnO_4$ # 3108-R

H_2SO_4 # — — $NaCl(NH_2OH)$ # 3109-R

$K_2S_2O_8$ # — — Carrier # 3120-R

Aqua Regia # 3119-R — $SnCl_2$ # 3121-R

Prepared by: Cang Tran

Date: 7/27/09

Reviewed by: [signature]

Date: 7-28-09

Digestion Temp (°C): 95

7-28-09

Life Science Laboratories, Inc.
Brittonfield Lab

Mercury Soil Digestion Log

QC Batch# 9783 **Prep Start Date:** 7/27/09 12:30 **Prep End Date:** 7/27/09 13:00

#	Sample ID	Client ID	Sample Amount (g)	Final Volume (mL)	Method	Comments
1	MB-9783		0.3	50	HG7471SPREP	Teflon Chips (3039-R)
2	LCS-9783		0.3	50	HG7471SPREP	5mL (B) + Teflon Chips (3039-R)
3	0907072-038A	EA	0.3	50	HG7471SPREP	
4	0907072-038AMS	EA	0.3	50	HG7471SPREP	2mL (B)
5	0907072-038AMSD	EA	0.3	50	HG7471SPREP	2mL (B)
6	0907072-042A	EA	0.3	50	HG7471SPREP	
7	0907072-043A	EA	0.3	50	HG7471SPREP	
8	0907072-044A	EA	0.3	50	HG7471SPREP	
9	0907072-045A	EA	0.3	50	HG7471SPREP	
10	0907072-046A	EA	0.3	50	HG7471SPREP	
11	0907072-047A	EA	0.3	50	HG7471SPREP	
12	0907072-048A	EA	0.3	50	HG7471SPREP	
13	0907072-049A	EA	0.3	50	HG7471SPREP	
14	0907072-050A	EA	0.3	50	HG7471SPREP	
15	0907072-051A	EA	0.3	50	HG7471SPREP	
16	0907072-052A	EA	0.3	50	HG7471SPREP	
17	0907072-053A	EA	0.3	50	HG7471SPREP	
18	0907072-054A	EA	0.3	50	HG7471SPREP	
19	0907072-055A	EA	0.3	50	HG7471SPREP	
20	0907079-001B	[redacted]	0.3	50	HG7471SPREP	
21	0907080-035A	[redacted]	0.3	50	HG7471SPREP	
22	0907080-035ADUP	[redacted]	0.3	50	HG7471SPREP	
23	0907107-001B	[redacted]	0.3	50	HG7471SPREP	
24	0907107-002B	[redacted]	0.3	50	HG7471SPREP	
25	0907107-003B	[redacted]	0.3	50	HG7471SPREP	
26						
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31						MT 7-28-09
32						

Reagents/Soln#

(A) 50 µg/L Hg — Working Std. Solution # 8102-S

(B) 50 µg/L Hg — Reference Std. Solution # 8103-S

(C) — mL of — — Spike Solution # —

HNO_3 # — — $KMnO_4$ # 3108-R

H_2SO_4 # — — $NaCl(NH_2OH)$ # 3109-R

$K_2S_2O_8$ # — — Carrier # 3120-R

Aqua Regia # 3119-R — $SnCl_2$ # 3121-R

Prepared by: Cang Tran

Date: 7/27/09

Reviewed by: MT

Date: 7-28-09

Digestion Temp (°C): 95

125 Market Street
New Haven, CT 06513 USA

Tel (203)786-5290 Fax (203)786-5287
Web AccuStandard.com

AccuStandard®, Inc.

CERTIFICATE OF ANALYSIS

AccuTrace™ Reference Standard

Item Number: TCLP-02-1

Element: TCLP Standard #2 - Mercury

Lot Number: B8025003

Matrix: 5% HNO3

Expiration Date: Feb / 2010

7281-5
Received - 3/12/08
Opened -
Expire - 2/28/10

Actual Lot Analysis

TCLP Standard #2 - Mercury 20 µg/mL

The total maximum uncertainty on the certified value(s) is ±2%. See reverse side of certificate for details.

The concentration of the final solution was verified by ICP against NIST SRM# 3133

RESULTS: This solution standard was certified for accuracy of major elemental constituency via methodology traceable to primary or well characterized secondary standards. All trace level elements and impurities were determined via plasma emission spectroscopy on the concentrate.

This standard was prepared gravimetrically to contain the elemental concentrations shown above. Balances, used in the preparation, are calibrated regularly using NIST-traceable weights. All glassware used in preparation is Class A.

We use the highest purity raw materials available, including high purity acids, ASTM type I 18 megohm deionized water, and typically 99.999%+ starting materials to minimize impurity levels in the final solution. All bottles are acid leached and then triple rinsed with deionized water prior to use.

Use good laboratory procedure when diluting this product. Shake bottle prior to use and do not pipette directly out of the bottle. Use only cleaned Class A volumetric glassware.

We certify the accuracy of this standard to be ± 0.5% of the stated value until the expiration date listed above, provided it is kept tightly capped and stored under normal laboratory conditions.

L. Snyder

Lydia Snyder
Inorganic QC Supervisc

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

ISO 9001 QS Registered
ISO 25 Accredited

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent(s):	
Part Number:	**52009**	P676766	Nitric Acid	
Lot Number:	060107			
Description:	Mercury (Hg)			
	(TCLP) Cold Vapor Standard	2.0%	10.0	Nitric Acid
Expiration Date:	060110		(mL)	

Nominal Concentration (µg/mL): 20

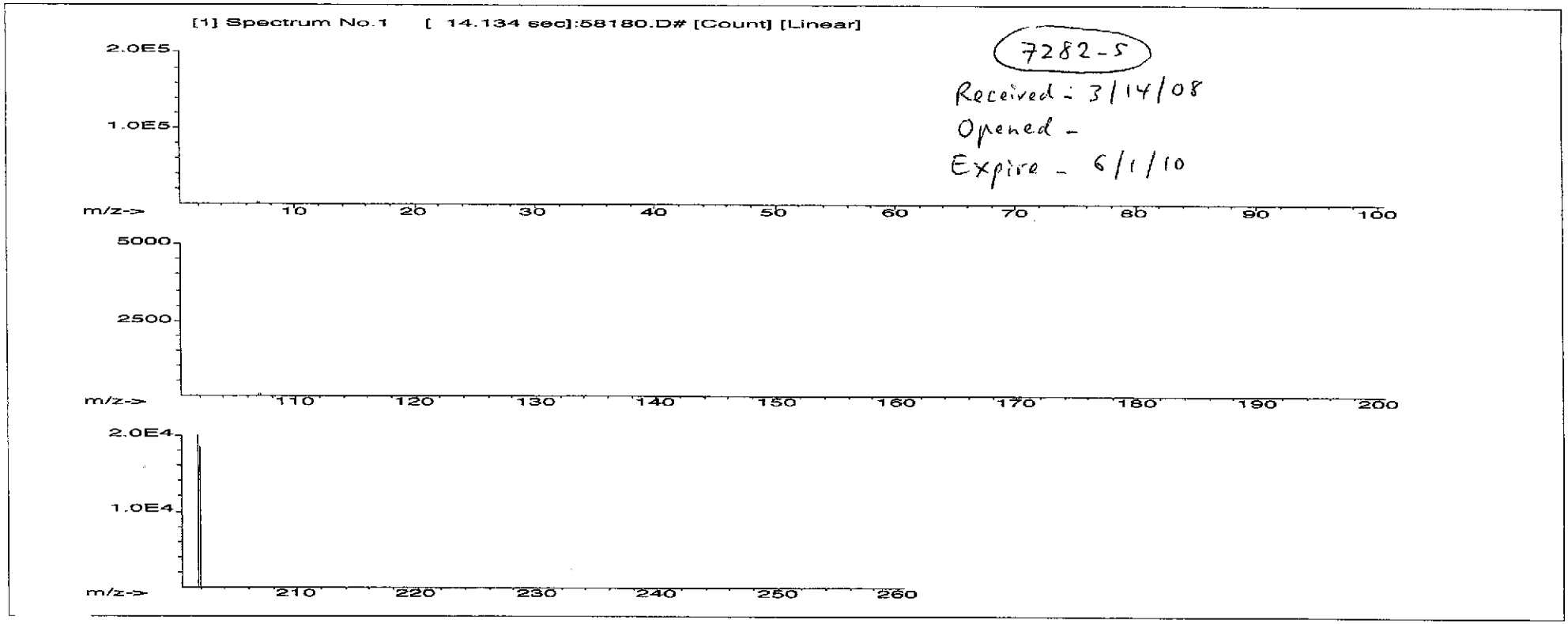
5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 500.04 0.025 Flask Uncertainty

Formulated By:	Justin Dippold	060107
Reviewed By:	Pedro L. Rentas	060107

MSDS Information

Compound	Part Number	Lot Number	Dilution Factor	Initial Volume	Uncertainty Pipette	Initial Conc. (ug/mL)	Final Conc. (µg/mL)	Expanded Uncertainty (+/-)	(Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Mercury Nitrate (Hg)	57080	011607	0.0200	10.0	0.006	1000.2	20.0	0.00235	07783-34-8	N/A	orl-rat 51 mg/kg	3133



7282-5
Received - 3/14/08
Opened -
Expire - 6/1/10

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

ISO 9001 QS Registered
ISO 17025 Accredited

AbsoluteGrade™ Solution

Mercury (Hg)

Certified Concentration (µg/mL)	(µg/mL)	(+/-)
	20.0	0.047

7282-5

Received - 3/12/08
Opened -
Expire - 6/1/10

Part# 52009
Lot# 060107

The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise specified.

TRACEABILITY DOCUMENTATION:

A) Classical Chemical Analysis:

Method	Traceability	Concentration (µg/mL)
EDTA Titration	NIST SRM 928 Lead Nitrate	N/A
Gravimetric Analysis	NIST Weights	N/A

B) Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	*	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(*) =Target Element

C) Physical Characterization:

Analyzed Density of Solution (g/mL): 1.011
Temperature (°C): 21.0
Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

We use purified acids, 18 megohm double deionized water, calibrated Class A glassware and the highest purity raw materials available, (typically 99.999%). We meticulously clean our bottles by acid leaching and then triple rinsing with ASTM Type I water prior to use. Our standards are made gravimetrically using balances that are calibrated with weights traceable to NIST. **(NIST Test #: 732/245790).** We certify that all our standards are (+/-) 0.5% of the stated value unless otherwise stated, assuming that the bottle is kept tightly capped and stored under normal laboratory conditions.

Reference: Taylor, B.N. and Kuyatt, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. government Printing Office, Washington DC, (1994).

Life Science Laboratories, Inc. Trace Metals Section Standards Prep Logbook

Standard Number	Date Prepared and/or Received	Date Expires	Title of Solution	Weight and/or Volume	Final Volume	Final concentration	Manufacturer	Lot # and/or Standard #	Prepared by
7274-S	3/10/08	3/10/08	Hg - 50 ppb (Working STD)	0.5mL (6037-S) + 4mL Conc HNO3	↑ 200 mL w/ DI	50 ppb	AccuSTD	6037-S	CT
7275-S	3/10/08	3/10/08	Hg - 50 ppb (REF STD)	0.5mL (5487-S) + 4mL Conc. HNO3	↓	50 ppb	Baker Absolute	E27027 5487-S	CT
7276-S	3/10/08	3/10/08	ICB / CCB (Hg)	0.5mL Conc. HNO3	↓	—	Baker	E27027	CT
7277-S	3/10/08	3/10/08	Hg Cal Curve (WATER)	0.0 mL (7274-S) 0.2 0.5 1.0 2.0 5.0 10.0	↑ 50mL w/ DI ↓	0.0 ppb 0.2 0.5 1.0 2.0 5.0 10.0 ↓	Baker AccuSTD ↓	E27027 7274-S ↓	CT ↓
7278-S	3/10/08	3/10/08	CRA (Hg)	0.2 mL (7274-S)	↑ 50mL	0.2 ppb	AccuSTD	7277-S	CT
7279-S	↓	↓	CCV (Hg)	2.0 mL (7274-S)	w/ DI	2.0 ppb	↓	↓	CT
7280-S			ICV (Hg)	4.0 mL (7275-S)	↓	4.0 ppb	Absolute	7275-S	CT
7281-S	3/12/08	2/28/2010	Hg STD - 20 ppm	Stock, received 100mL	100mL	20 ppm	AccuSTD	B8025003	CT
7282-S	3/14/08	6/1/10	Hg STD - 20 ppm	Stock, received 100mL	100mL	20 ppm	Absolute	060107	CT
7283-S	3/17/08	3/17/08	STD 50 GFAA	10mL (6514-S) + 10mL DI	20 mL	50 ppb	AccuSTD	6514-S	CT
7284-S	↓	↓	STD 25	5mL (7283-S) + 5mL DI	10	25	↓	7283-S	↓
7285-S			STD 10	2mL (7283-S) + 8mL DI	10	10		7283-S	
7286-S			STD 2	2mL (7285-S) + 8mL DI	10 ↓	2 ↓		7285-S	

Reviewed By: _____

Date : _____

Life Science Laboratories, Inc.-BL — Trace Metals Section — Standards Prep Logbook

Standard Number	Date Prepared / Received	Date Expire	Title of Solution	Weights/ Volumes	Final Volume (mL)	Final concentration	Manufacturer	Lot # / Standard #	Prepared by
8088-5	7/15/09	7/15/09	CRA (Hg)	0.2 mL (8083-5)	↗ 50 mL w/ DI	0.2 ppb	AccuSTD	8083-5	CT
8089-5	↓	↓	CCV (Hg)	2.0 mL (8083-5)	↓	2.0 ppb	↓	↓	↓
8090-5	7/21/09	8/21/09	TCLP spike (Hg)	2.5mL (7282-5) 6mL Conc HNO3	↗ 50mL w/ DI	1 mg/L	Absolute Baker	7282-5 H12022	CT
8091-5	7/22/09	7/22/09	Hg-50 ppb (Working STD)	0.5mL (7281-5) + 4 mL Conc. HNO3	↗ 200mL w/ DI	50 ppb	AccuSTD Baker	7281-5 H12022	CT
8092-5			Hg-50 ppb (REF STD)	0.5mL (7282-5) + 4mL Conc. HNO3		50 ppb	Absolute Baker	7282-5 H12022	
8093-5	↓	↓	ICB/CCB	0.5mL Conc. HNO3	↓	—	↓	↓	↓
8094-5	7/22/09	7/22/09	Hg Cal Curve (WATER)	0.0 mL (8091-5)	↗ 50 mL w/ DI	0.0 ppb	AccuSTD	8091-5	CT
				0.2		0.2			
				0.5		0.5			
				1.0		1.0			
				2.0		2.0			
				5.0		5.0			
	↓	↓	↓	10.0	↓	10.0	↓	↓	↓
8095-5	7/22/09	7/22/09	ICV (Hg)	4.0mL (8092-5)	↗ 50mL w/ DI	4.0 ppb	Absolute	8092-5	CT
8096-5			IPC (Hg)	5.0mL (8091-5)		5.0 ppb	AccuSTD	8091-5	
8097-5			CRA (Hg)	0.2		0.2			
8098-5	↓	↓	CCV (Hg)	2.0	↓	2.0	↓	↓	↓

Reviewed By: MT

Date: 7-30-09

Life Science Laboratories, Inc.-BL **Trace Metals Section** **Standards Prep Logbook #**

Standard Number	Date Prepared / Received	Date Expire	Title of Solution	Weights/ Volumes	Final Volume (mL)	Final concentration	Manufacturer	Lot # / Standard #	Prepared by
8088-5	7/15/09	7/15/09	CRA (Hg)	0.2 mL (8083-5)	↗ 50 mL	0.2 ppb	AccuSTD	8083-5	CT
	↓	↓			w/ DI		↓	↓	↓
8089-5	↓	↓	CCV (Hg)	2.0 mL (8083-5)	↓	2.0 ppb	↓	↓	↓
8090-5	7/21/09	8/21/09	TCLP spike	2.5 mL (7282-5)	↗ 50 mL	1 mg/L	Absolute	7282-5	CT
			(Hg)	6mL Conc HNO3	w/ DI		Baker	H12022	
8091-5	7/22/09	7/22/09	Hg-50 ppb	0.5mL (7281-5)	↗ 200mL	50 ppb	AccuSTD	7281-5	CT
	↓	↓	(Working STD)	+ 4 mL Conc. HNO3	w/ DI		Baker	H12022	↓
8092-5			Hg-50 ppb	0.5mL (7282-5)	↓	50 ppb	Absolute	7282-5	
			(REF STD)	+ 4mL Conc. HNO3			Baker	H12022	
8093-5	↓	↓	ICB/CCB	0.5mL Conc. HNO3	↓	—	↓	↓	↓
8094-5	7/22/09	7/22/09	Hg Cal Curve	0.0 mL (8091-5)	↗ 50 mL	0.0 ppb	AccuSTD	8091-5	CT
	↓	↓	(WATER)	0.2	w/ DI	0.2	↓	↓	↓
			↓	0.5	↓	0.5			
				1.0		1.0			
				2.0		2.0			
				5.0		5.0			
	↓	↓		10.0	↓	10.0	↓	↓	↓
8095-5	7/22/09	7/22/09	ICV (Hg)	4.0mL (8092-5)	↗ 50mL	4.0 ppb	Absolute	8092-5	CT
	↓	↓			w/ DI				↓
8096-5			IPC (Hg)	5.0 mL (8091-5)	↓	5.0 ppb	AccuSTD	8091-5	
8097-5			CRA (Hg)	0.2		0.2	↓	↓	
8098-5	↓	↓	CCV (Hg)	2.0	↓	2.0	↓	↓	↓

Reviewed By: _____

Date: 7-30-09

Life Science Laboratories, Inc.-BL **Trace Metals Section** **Standards Prep Logbook #**

Standard Number	Date Prepared / Received	Date Expire	Title of Solution	Weights/ Volumes	Final Volume (mL)	Final concentration	Manufacturer	Lot # / Standard #	Prepared by
8099-5	7/24/09	6/19/10	ICSA	20 mL (8042-5)	↗ 200 mL	See # 8042-5	High Purity	8042-5	CT
	↓	↓	↓	20mL (1:1) HCl	w/ DI		Baker	2970-R	↓
				6mL Conc. HNO3	↓		↓	H12022	
8100-5			ICSAB	20mL (8042-5)		See # 8042-5	High Purity	8042-5	
			↓	2mL (8043-5)		8043-5	↓	8043-5	
				2mL (7961-5)		7961-5	AccuSTD	7961-5	
				20mL (1:1) HCl			Baker	2970-R	
				6mL Conc. HNO3			↓	H12022	
8101-5		5/22/10	ICV	2mL (8113-5)		See # 8113-5	High Purity	8113-5	
		↓	(ICAP)	2mL (8114-5)		8114-5	↓	8114-5	
				20mL (1:1) HCl			Baker	2970-R	
				6mL Conc. HNO3	↓		↓	H12022	↓
8102-5	7/27/09	7/27/09	Hg-50 ppb	0.5mL (7281-5)	↗ 200mL	50 ppb	AccuSTD	7281-5	CT
	↓	↓	(Working STD)	+ 4mL Conc. HNO3	w/ DI		Baker	H12022	↓
8103-5			Hg-50 ppb	0.5mL (7282-5)	↓	50 ppb	Absolute	7282-5	
			(REF STD)	+ 4mL Conc. HNO3			Baker	H12022	
8104-5	↓	↓	ICB/CCB	0.5mL Conc. HNO3	↓	—	↓	↓	↓
8105-5	7/27/09	7/27/09	Hg Cal Curve	0.0 mL (8102-5)	↗ 50 mL	0.0 ppb	AccuSTD	8102-5	CT
	↓	↓	(Soil)	0.2	w/ DI	0.2	↓	↓	↓
			↓	0.5	↓	0.5			
				1.0		1.0			
				2.0		2.0			
				5.0		5.0			
	↓	↓	↓	10.0	↓	10.0	↓	↓	↓

Reviewed By: _____

Date: 7-30-09

Life Science Laboratories, Inc.-BL — Trace Metals Section — Standards Prep Logbook

Standard Number	Date Prepared / Received	Date Expire	Title of Solution	Weights/ Volumes	Final Volume (mL)	Final concentration	Manufacturer	Lot # / Standard #	Prepared by
8106-5	7/27/09	7/27/09	ICV (Hg)	4.0mL (8103-5)	↑ 50mL w/ DI	4.0 ppb	Absolute	8103-5	CT
8107-5	↓	↓	CRA (Hg)	0.2mL (8102-5)	↓	0.2 ppb	AccuSTD	8102-5	↓
8108-5			CCV (Hg)	2.0 mL		2.0	↓	↓	
8109-5			CCV (Hg)	2.0 mL		2.0			

Reviewed By:_____

Date:_____

Wet Chemistry Data

Life Science Laboratories, Inc.

Date: *20-Jul-09*

CLIENT: EA Engineering Science and Technology
Lab Order: 0907072
Project: Tract II

Sample ID	Lab ID	Units	Date Collected	Date Received	Date Analyzed	Batch ID	Percent Moisture
TP-26-2	0907072-001A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	18.0
TP-26-3	0907072-002A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	23.2
TP-26-4	0907072-003A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	23.7
TP-26-5	0907072-004A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	15.9
TP-26-6	0907072-005A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	25.5
TP-27-2	0907072-006A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	9.40
TP-27-3	0907072-007A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	19.5
TP-27-4	0907072-008A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	18.1
TP-27-6	0907072-009A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	29.8
TP-28-2	0907072-010A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	21.4
TP-28-3	0907072-011A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	20.3
TP-29-2	0907072-012A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	21.1
TP-30-2	0907072-013A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	17.4
TP-30-3	0907072-014A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	30.8
TP-30-4	0907072-015A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	14.7
TP-30-5	0907072-016A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	26.2
TP-31-2	0907072-017A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	15.3
TP-31-3	0907072-018A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	15.3
TP-31-4	0907072-019A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	19.6
TP-32-2	0907072-020A	wt%	7/15/2009	7/16/2009	7/17/2009	R17862	14.2
TP-33-2	0907072-021A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	26.3
TP-33-3	0907072-022A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	20.5
TP-34-2	0907072-023A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	13.3
TP-34-3	0907072-024A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	15.1
TP-34-4	0907072-025A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	13.9
TP-34-5	0907072-026A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	26.6
TP-36-2	0907072-027A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	10.4
TP-36-3	0907072-028A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	17.3
TP-36-4	0907072-029A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	13.8
TP-36-5	0907072-030A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	30.3
TP-37-2	0907072-031A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	19.1

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Life Science Laboratories, Inc.

Date: *20-Jul-09*

CLIENT: EA Engineering Science and Technology
Lab Order: 0907072
Project: Tract II

Sample ID	Lab ID	Units	Date Collected	Date Received	Date Analyzed	Batch ID	Percent Moisture
TP-37-3	0907072-032A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	15.3
TP-37-5	0907072-033A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	12.5
TP-37-6	0907072-034A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	29.5
TP-38-2	0907072-035A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	21.8
TP-38-3	0907072-036A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	10.6
TP-38-4	0907072-037A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	14.7
TP-38-5	0907072-038A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	32.4
TP-38-6	0907072-039A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	17.7
TP-39-2	0907072-040A	wt%	7/15/2009	7/16/2009	7/17/2009	R17863	13.8
TP-39-3	0907072-041A	wt%	7/15/2009	7/16/2009	7/17/2009	R17864	14.9
TP-39-4	0907072-042A	wt%	7/15/2009	7/16/2009	7/17/2009	R17864	14.4
TP-39-5	0907072-043A	wt%	7/15/2009	7/16/2009	7/17/2009	R17864	22.4
TP-39-6	0907072-044A	wt%	7/15/2009	7/16/2009	7/17/2009	R17864	14.3
TP-39-7	0907072-045A	wt%	7/15/2009	7/16/2009	7/17/2009	R17864	17.4
TP-39-8	0907072-046A	wt%	7/15/2009	7/16/2009	7/17/2009	R17864	15.9
TP-39-9	0907072-047A	wt%	7/15/2009	7/16/2009	7/17/2009	R17864	38.2
TP-40-2	0907072-048A	wt%	7/15/2009	7/16/2009	7/17/2009	R17864	13.8
TP-40-3	0907072-049A	wt%	7/15/2009	7/16/2009	7/17/2009	R17864	18.1
TP-40-4	0907072-050A	wt%	7/15/2009	7/16/2009	7/17/2009	R17864	18.9
TP-40-5	0907072-051A	wt%	7/15/2009	7/16/2009	7/17/2009	R17864	21.8
TP-40-6	0907072-052A	wt%	7/15/2009	7/16/2009	7/17/2009	R17864	27.4
TP-40-7	0907072-053A	wt%	7/15/2009	7/16/2009	7/17/2009	R17864	44.1
TP-40-8	0907072-054A	wt%	7/15/2009	7/16/2009	7/17/2009	R17864	27.7
TP-DUP	0907072-055A	wt%	7/15/2009	7/16/2009	7/17/2009	R17864	22.5

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SM 2540 G

Work Order: 0907072

CLIENT: EA Engineering Science and Technology

Project: Tract II

Sample ID: **0907072-030ADUP** SampType: **DUP** TestCode: **PMOIST** Units: **wt%** Prep Date: RunNo: **17863**

Client ID: **TP-36-5** Batch ID: **R17863** Method: **SM 2540 G** Analysis Date: **7/17/2009** SeqNo: **460492**

Instrument: ColumnID:

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	29.4	1.00						30.3	3.0	10	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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20-Jul-09

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SM 2540 G
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-040ADUP**	SampType: **DUP**	TestCode: **PMOIST**	Units: **wt%**		Prep Date:				RunNo: **17863**			
Client ID: **TP-39-2**	Batch ID: **R17863**	Method: **SM 2540 G**			Analysis Date: **7/17/2009**				SeqNo: **460503**			
Instrument:	ColumnID:											

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	12.9	1.00						13.8	6.7	10	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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:: *20-Jul-09*

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SM 2540 G
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-050ADUP**	SampType: **DUP**	TestCode: **PMOIST**	Units: **wt%**	Prep Date:		RunNo: **17864**					
Client ID: **TP-40-4**	Batch ID: **R17864**	Method: **SM 2540 G**		Analysis Date: **7/17/2009**		SeqNo: **460515**					
Instrument:	ColumnID:										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	19.4	1.00						18.9	2.6	10	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

e: *20-Jul-09*

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Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SM 2540 G
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID:	0907072-055ADUP	SampType:	DUP	TestCode:	PMOIST	Units:	wt%	Prep Date:		RunNo:	17864	
Client ID:	TP-DUP	Batch ID:	R17864	Method:	SM 2540 G			Analysis Date:	7/17/2009	SeqNo:	460521	
Instrument:		ColumnID:										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	21.2	1.00						22.5	5.9	10	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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e: *20-Jul-09*

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SM 2540 G
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-001ADUP**	SampType: **DUP**	TestCode: **PMOIST**	Units: **wt%**		Prep Date:				RunNo: **17862**			
Client ID: **TP-26-2**	Batch ID: **R17862**	Method: **SM 2540 G**			Analysis Date: **7/17/2009**				SeqNo: **460561**			
Instrument:	ColumnID:											

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	18.1	1.00						18	0.6	10	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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:: *20-Jul-09*

Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

ANALYTICAL QC SUMMARY REPORT

Method: SM 2540 G
Work Order: 0907072
Project: Tract II

CLIENT: EA Engineering Science and Technology

Sample ID: **0907072-020ADUP**	SampType: **DUP**	TestCode: **PMOIST**	Units: **wt%**		Prep Date:				RunNo: **17862**		
Client ID: **TP-32-2**	Batch ID: **R17862**	Method: **SM 2540 G**			Analysis Date: **7/17/2009**				SeqNo: **460581**		
Instrument:	ColumnID:										

Analyte	QC Sample Result	PQL	SPK Added	Parent Sample Result	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	14.6	1.00						14.2	2.8	10	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value exceeds the instrument calibration range	J	Analyte detected below the PQL
ND	Not Detected at the Practical Quantitation Limit (PQL)	R	RPD exceeds accepted precision limit	S	Spike Recovery outside accepted recovery limits
U	Not Detected at the MDC or RL				

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:: *20-Jul-09*

Life Science Laboratories - Brittonfield

Percent Moisture DataSheet SM 2540 G

Analysis Date:	July 17, 2009
Batch ID:	R17862
LOQ/RL/PQL	1

Instrument ID:	Denver APX-200

#	LSL ID	Client ID	Sample Type		Dish Wt (g)	Dish Wt + Wet Samp (g)	Dish Wt +Dried Samp (g)		% Moisture	Dish Wt +Ashed Samp @ 550°C (g)		% Volatile Solids	Comments
1	CONTROL				1.3017		1.3013						
2	0907072-001A	EA	SAMP		1.3195	8.1349	6.9096		17.98				
3	0907072-001ADUP	EA	DUP		1.3264	8.2410	6.9871		18.13				
4	0907072-002A	EA	SAMP		1.3214	8.1763	6.5889		23.16				
5	0907072-003A	EA	SAMP		1.3243	7.1484	5.7670		23.72				
6	0907072-004A	EA	SAMP		1.3233	9.9810	8.6016		15.93				
7	0907072-005A	EA	SAMP		1.3260	9.3110	7.2733		25.52				
8	0907072-006A	EA	SAMP		1.3245	7.5967	7.0086		9.38				
9	0907072-007A	EA	SAMP		1.3260	7.0656	5.9454		19.52				
10	0907072-008A	EA	SAMP		1.3258	7.4455	6.3350		18.15				
11	0907072-009A	EA	SAMP		1.3237	9.1043	6.7890		29.76				
12	0907072-010A	EA	SAMP		1.3229	7.7804	6.3957		21.44				
13	0907072-011A	EA	SAMP		1.3178	7.3485	6.1237		20.31				
14	0907072-012A	EA	SAMP		1.3327	8.1905	6.7428		21.11				
15	0907072-013A	EA	SAMP		1.3206	8.1448	6.9568		17.41				
16	0907072-014A	EA	SAMP		1.3356	10.5460	7.7127		30.76				
17	0907072-015A	EA	SAMP		1.3288	7.9091	6.9414		14.71				
18	0907072-016A	EA	SAMP		1.3375	10.7601	8.2922		26.19				
19	0907072-017A	EA	SAMP		1.3197	8.5742	7.4617		15.34				
20	0907072-018A	EA	SAMP		1.3282	8.5414	7.4371		15.31				
21	0907072-019A	EA	SAMP		1.3256	7.6248	6.3917		19.58				
22	0907072-020A	EA	SAMP		1.3238	9.0293	7.9388		14.15				
23	0907072-020ADUP	EA	DUP		1.3291	9.0404	7.9143		14.60				
24													
25													
26													
27													
28													* 2
29													7/20/09
30													

	Weight #1
Time on:	10:00
Oven Temp on:	103.0°C
Time Off:	6:30
Oven Temp off:	103.0°C
Oven Date Off:	07/20/09

Prep Start Date:	07/17/09
Prep Start Time:	9:00:00
Prep End Time:	10:00:00
Analyte	PMOIST

Comments:

Analyst: Jackie Cooper

Date: 7/20/09

Reviewed by:

Date: 7/20/09

QA Auth | Calc SEQ | Rslts

VAL	SeqNo	SampID	SampType	Analyte	RawVal	CalcVal	Qual	Tare Wt
☑	460560	0907072-001A	SAMP	Percent Moisture	18	18		0
☑	460561	0907072-001ADUP	DUP	Percent Moisture	18.1	18.1		0
☑	460562	0907072-002A	SAMP	Percent Moisture	23.2	23.2		0
☑	460563	0907072-003A	SAMP	Percent Moisture	23.7	23.7		0
☑	460564	0907072-004A	SAMP	Percent Moisture	15.9	15.9		0
☑	460565	0907072-005A	SAMP	Percent Moisture	25.5	25.5		0
☑	460566	0907072-006A	SAMP	Percent Moisture	9.4	9.4		0
☑	460567	0907072-007A	SAMP	Percent Moisture	19.5	19.5		0
☑	460568	0907072-008A	SAMP	Percent Moisture	18.1	18.1		0
☑	460569	0907072-009A	SAMP	Percent Moisture	29.8	29.8		0
☑	460570	0907072-010A	SAMP	Percent Moisture	21.4	21.4		0
☑	460571	0907072-011A	SAMP	Percent Moisture	20.3	20.3		0
☑	460572	0907072-012A	SAMP	Percent Moisture	21.1	21.1		0
☑	460573	0907072-013A	SAMP	Percent Moisture	17.4	17.4		0
☑	460574	0907072-014A	SAMP	Percent Moisture	30.8	30.8		0
☑	460575	0907072-015A	SAMP	Percent Moisture	14.7	14.7		0
☑	460576	0907072-016A	SAMP	Percent Moisture	26.2	26.2		0
☑	460577	0907072-017A	SAMP	Percent Moisture	15.3	15.3		0
☑	460578	0907072-018A	SAMP	Percent Moisture	15.3	15.3		0
☑	460579	0907072-019A	SAMP	Percent Moisture	19.6	19.6		0
☑	460580	0907072-020A	SAMP	Percent Moisture	14.2	14.2		0
☑	460581	0907072-020ADUP	DUP	Percent Moisture	14.6	14.6		0

7/20/09

Life Science Laboratories - Brittonfield

Percent Moisture DataSheet SM 2540 G

Analysis Date:	July 17, 2009
Batch ID:	R17864
LOQ/RL/PQL	1

Instrument ID:	Denver APX-200

#	LSL ID	Client ID	Sample Type		Dish Wt (g)	Dish Wt + Wet Samp (g)	Dish Wt +Dried Samp (g)		% Moisture	Dish Wt +Ashed Samp @ 550°C (g)		% Volatile Solids	Comments
1	CONTROL				1.3209		1.3201						
2	0907072-041A	EA	SAMP		1.3279	7.3039	6.4113		14.94				
3	0907072-042A	EA	SAMP		1.3185	7.5069	6.6139		14.43				
4	0907072-043A	EA	SAMP		1.3251	7.6986	6.2718		22.39				
5	0907072-044A	EA	SAMP		1.3161	8.2100	7.2235		14.31				
6	0907072-045A	EA	SAMP		1.3173	8.5699	7.3105		17.36				
7	0907072-046A	EA	SAMP		1.3262	7.0667	6.1513		15.95				
8	0907072-047A	EA	SAMP		1.3229	7.4937	5.1383		38.17				
9	0907072-048A	EA	SAMP		1.3163	7.2899	6.4635		13.83				
10	0907072-049A	EA	SAMP		1.3239	7.5397	6.4153		18.09				
11	0907072-050A	EA	SAMP		1.3329	7.3484	6.2088		18.94				
12	0907072-050ADUP	EA	DUP		1.3268	7.2672	6.1134		19.42				
13	0907072-051A	EA	SAMP		1.3249	7.7511	6.3516		21.78				
14	0907072-052A	EA	SAMP		1.3191	8.3682	6.4389		27.37				
15	0907072-053A	EA	SAMP		1.3269	8.2215	5.1786		44.13				
16	0907072-054A	EA	SAMP		1.3203	7.0582	5.4716		27.65				
17	0907072-055A	EA	SAMP		1.3209	7.6393	6.2173		22.51				
18	0907072-055ADUP	EA	DUP		1.3287	7.7793	6.4109		21.21				
19	0907082-001C	[redacted]	SAMP		1.3172	8.1160	7.3066		11.91				
20	0907082-002C	[redacted]	SAMP		1.3270	8.2466	7.2367		14.59				
21	0907082-003C	[redacted]	SAMP		1.3262	8.6127	7.1334		20.30				
22	0907082-004C	[redacted]	SAMP		1.3170	7.9275	7.2081		10.88				
23													
24													
25													
26													
27													
28													
29													
30													

	Weight #1
Time on:	12:20
Oven Temp on:	103.0°C
Time Off:	6:30
Oven Temp off:	103.0°C
Oven Date Off:	07/20/09

Prep Start Date:	07/17/09
Prep Start Time:	11:40:00
Prep End Time:	12:20:00
Analyte	PMOIST

Comments:

Analyst: Jacqueline Cleaver

Date: 7/20/09

Reviewed by: [signature]

Date: 7-20-09

7/20/09

986

ent Moisture090717B

QA Auth | Calc SEQ | Rslts

VAL	SeqNo	SamplD	SampType	Analyte	RawVal	CalcVal	Qual	Tare Wt
✓	460505	0907072-041A	SAMP	Percent Moisture	14.9	14.9		0
✓	460506	0907072-042A	SAMP	Percent Moisture	14.4	14.4		0
✓	460507	0907072-043A	SAMP	Percent Moisture	22.4	22.4		0
✓	460508	0907072-044A	SAMP	Percent Moisture	14.3	14.3		0
✓	460509	0907072-045A	SAMP	Percent Moisture	17.4	17.4		0
✓	460510	0907072-046A	SAMP	Percent Moisture	15.9	15.9		0
✓	460511	0907072-047A	SAMP	Percent Moisture	38.2	38.2		0
✓	460512	0907072-048A	SAMP	Percent Moisture	13.8	13.8		0
✓	460513	0907072-049A	SAMP	Percent Moisture	18.1	18.1		0
✓	460514	0907072-050A	SAMP	Percent Moisture	18.9	18.9		0
✓	460515	0907072-050ADUP	DUP	Percent Moisture	19.4	19.4		0
✓	460516	0907072-051A	SAMP	Percent Moisture	21.8	21.8		0
✓	460517	0907072-052A	SAMP	Percent Moisture	27.4	27.4		0
✓	460518	0907072-053A	SAMP	Percent Moisture	44.1	44.1		0
✓	460519	0907072-054A	SAMP	Percent Moisture	27.7	27.7		0
✓	460520	0907072-055A	SAMP	Percent Moisture	22.5	22.5		0
✓	460521	0907072-055ADUP	DUP	Percent Moisture	21.2	21.2		0
✓	460522	0907082-001C	SAMP	Percent Moisture	11.9	11.9		0
✓	460523	0907082-002C	SAMP	Percent Moisture	14.6	14.6		0
✓	460524	0907082-003C	SAMP	Percent Moisture	20.3	20.3		0
✓	460525	0907082-004C	SAMP	Percent Moisture	10.9	10.9		0

7/20/09

Life Science Laboratories - Brittonfield

Percent Moisture DataSheet SM 2540 G

Analysis Date:	July 17, 2009
Batch ID:	R17863
LOQ/RL/PQL	1

Instrument ID:	Denver APX-200

#	LSL ID	Client ID	Sample Type		Dish Wt (g)	Dish Wt + Wet Samp (g)	Dish Wt +Dried Samp (g)		% Moisture	Dish Wt +Ashed Samp @ 550°C (g)		% Volatile Solids	Comments
1	CONTROL				1.3269		1.3260						
2	0907072-021A	EA	SAMP		1.3166	7.5332	5.8996		26.28				
3	0907072-022A	EA	SAMP		1.3192	7.2185	6.0086		20.51				
4	0907072-023A	EA	SAMP		1.3150	7.2691	6.4764		13.31				
5	0907072-024A	EA	SAMP		1.3170	7.4793	6.5509		15.07				
6	0907072-025A	EA	SAMP		1.3220	8.8321	7.7869		13.92				
7	0907072-026A	EA	SAMP		1.3381	7.8088	6.0886		26.58				
8	0907072-027A	EA	SAMP		1.3228	7.2704	6.6540		10.36				
9	0907072-028A	EA	SAMP		1.3169	7.8816	6.7460		17.30				
10	0907072-029A	EA	SAMP		1.3263	8.2992	7.3379		13.79				
11	0907072-030A	EA	SAMP		1.3264	7.8789	5.8933		30.30				
12	0907072-030ADUP	EA	DUP		1.3161	7.9143	5.9731		29.42				
13	0907072-031A	EA	SAMP		1.3191	7.3440	6.1938		19.09				
14	0907072-032A	EA	SAMP		1.3258	7.6509	6.6828		15.31				
15	0907072-033A	EA	SAMP		1.3309	7.3270	6.5758		12.53				
16	0907072-034A	EA	SAMP		1.3261	8.8194	6.6125		29.45				
17	0907072-035A	EA	SAMP		1.3239	7.0174	5.7781		21.77				
18	0907072-036A	EA	SAMP		1.3183	8.1553	7.4326		10.57				
19	0907072-037A	EA	SAMP		1.3283	7.6907	6.7542		14.72				
20	0907072-038A	EA	SAMP		1.3165	7.4424	5.4582		32.39				
21	0907072-039A	EA	SAMP		1.3229	7.8698	6.7080		17.75				
22	0907072-040A	EA	SAMP		1.3344	7.1292	6.3304		13.78				
23	0907072-040ADUP	EA	DUP		1.3257	7.0580	6.3174		12.92				
24													
25													
26													
27													
28													
29													
30													

Comments:

	Weight #1
Time on:	11:35
Oven Temp on:	103.0°C
Time Off:	6:30
Oven Temp off:	103.0°C
Oven Date Off:	07/20/09

Prep Start Date:	07/17/09
Prep Start Time:	10:00:00
Prep End Time:	11:35:00
Analyte	PMOIST

Analyst: Jacqueline Cooper

Date: 7/20/09

Reviewed by:

Date: 7-20-09

7/20/09

QA Auth | Calc SEQ | Rslts

VAL	SeqNo	SampID	SampType	Analyte	RawVal	CalcVal	Qual	Tare Wt
☑	460482	0907072-021A	SAMP	Percent Moisture	26.3	26.3		0
☑	460483	0907072-022A	SAMP	Percent Moisture	20.5	20.5		0
☑	460484	0907072-023A	SAMP	Percent Moisture	13.3	13.3		0
☑	460485	0907072-024A	SAMP	Percent Moisture	15.1	15.1		0
☑	460486	0907072-025A	SAMP	Percent Moisture	13.9	13.9		0
☑	460487	0907072-026A	SAMP	Percent Moisture	26.6	26.6		0
☑	460488	0907072-027A	SAMP	Percent Moisture	10.4	10.4		0
☑	460489	0907072-028A	SAMP	Percent Moisture	17.3	17.3		0
☑	460490	0907072-029A	SAMP	Percent Moisture	13.8	13.8		0
☑	460491	0907072-030A	SAMP	Percent Moisture	30.3	30.3		0
☑	460492	0907072-030ADUP	DUP	Percent Moisture	29.4	29.4		0
☑	460493	0907072-031A	SAMP	Percent Moisture	19.1	19.1		0
☑	460494	0907072-032A	SAMP	Percent Moisture	15.3	15.3		0
☑	460495	0907072-033A	SAMP	Percent Moisture	12.5	12.5		0
☑	460496	0907072-034A	SAMP	Percent Moisture	29.5	29.5		0
☑	460497	0907072-035A	SAMP	Percent Moisture	21.8	21.8		0
☑	460498	0907072-036A	SAMP	Percent Moisture	10.6	10.6		0
☑	460499	0907072-037A	SAMP	Percent Moisture	14.7	14.7		0
☑	460500	0907072-038A	SAMP	Percent Moisture	32.4	32.4		0
☑	460501	0907072-039A	SAMP	Percent Moisture	17.7	17.7		0
☑	460502	0907072-040A	SAMP	Percent Moisture	13.8	13.8		0
☑	460503	0907072-040ADUP	DUP	Percent Moisture	12.9	12.9		0

JR
7/20/09