

Sterling Environmental Engineering, P.C.

SUPPLEMENTAL SITE INVESTIGATION AND FOCUSED FEASIBILITY STUDY

FORMER PAULSEN-HOLBROOK SITE ALBANY MIRON LUMBER CORP. PROPERTY

TOWN OF GUILDERLAND ALBANY COUNTY, NEW YORK

NYSDEC SITE #401046

Prepared For:

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EXECUTIVE SUMMARY

This report is a Supplemental Site Investigation and Focused Feasibility Study (FFS) prepared by Sterling Environmental Engineering, P.C. (STERLING) for the Albany Miron Lumber Corp. property (Miron Lumber) located at 54 Railroad Avenue, Albany, New York, known as the former Paulsen-Holbrook site (NYSDEC Site #401046).

The metals Chromium, Copper and Arsenic are present at varying levels in surface soil. Chromium, Copper and Arsenic are the primary constituents of Chromated Copper Arsenate (CCA), a lumber preservative. Wood treatment and preservation operations were historically conducted on the site.

Based on the FFS analysis and intended use of the property, the recommended remedy for the site consists of soil management controls consisting of capping with low permeability soil or pavement, that will: 1) Minimize human exposure to surface soils; and 2) Minimize infiltration and leaching of metals into groundwater and surface water.

Soil containing elevated concentrations of CCA will remain on-site in designated areas. In addition to capping, institutional controls will be employed to minimize future exposure. Periodic groundwater monitoring will also continue.

On-site management of contaminated soil has been endorsed by the New York State Department of Environmental Conservation (NYSDEC) for properties with significant contamination by heavy metals, such as similar wood preservation sites and orchard land. Typically, contaminated soil is encapsulated under roads and parking areas, or covered so that human exposure to the soil is minimized. Such remedial measures are commonly employed, even when the intended future use of the property is residential.

The proposed remedy addresses all areas known to be contaminated with the metals of concern.

1.0 PREVIOUS INVESTIGATIONS

1.1 Site Description & Background

The Miron Lumber site consists of an approximate 8.8-acre parcel located at 54 Railroad Avenue in the Town of Guilderland, Albany County, New York (Figure 1). The Miron Lumber site is the subject of a February 2003 report prepared by Conestoga, Rovers & Associates (CRA) entitled "Site Investigation Report and Proposed Soils Remediation Plan". The site is also the subject of a Supplemental Site Investigation conducted in September and October 2004 undertaken by STERLING.

The Miron Lumber site has been vacant during most of the period since the early 1990s. Much of the site is covered by the warehouse building, an adjoining concrete retort pad, paved driveways, and concrete pads. Some areas of the site are unpaved.

The property and surrounding lands are supplied with public water.

Wood treatment and preservation operations were conducted on the subject site from the 1950s through the late 1970s, producing pressure-treated, insect-resistant wood. The treatment process utilized chromated copper arsenate (CCA), a blend of chromic acid (CrO₃), copper oxide (CuO) and arsenic acid (As₂O₅), all in a solution of water.

1.1.1 Remedial Investigations

Since 1989 various investigations of the property have been undertaken as follows:

- 1. Installation of shallow soil borings with collection and analyses of soil samples (Richard H. Burns, P.E., 1989);
- 2. Installation of five boreholes with soil sample collection and analyses and subsequent installation of monitoring wells (The Chazen Companies, August 1996);
- 3. Installation of shallow test pits (The Chazen Companies, December 1996);
- 4. Installation of 13 boreholes with collection and analyses of soil samples (The Chazen Companies, March 1999);
- 5. The Baseline Investigation (CRA, October 2001); and
- 6. Site Investigation Report and Proposed Soils Remediation Plan (CRA, February 2003).

These investigations and reports identify the presence of Chromium, Copper, and Arsenic in soil and groundwater. The south central portion of the site in the vicinity of the former wood preserving operation exhibited the most elevated levels.

The prior studies, while performed incrementally, address the requirements established by the NYSDEC for Remedial Investigations.

Subsequent to the February 2003 site investigation and report by CRA, the NYSDEC raised concerns that the delineation of impacted soils was not complete and requested additional definition of the distribution of CCA in surficial soils. Specifically, the NYSDEC required that all soils impacted in excess of Technical and Administrative Guidance Memorandum (TAGM) 4046 values be identified. The NYSDEC also requested that on-site groundwater monitoring wells be resampled. In August 2004, following negotiations with the NYSDEC, STERLING was retained to perform supplemental site investigations and prepare the Focused Feasibility Study (FFS). This work was completed in September and October 2004 as discussed in the following section.

1.1.2 Supplemental Field Investigations

Supplemental field investigations included: 1) Soil screening, sampling and analysis to delineate the lateral distribution of impacted soil within the uppermost soil; and 2) Resampling of existing on-site groundwater monitoring wells. The location and methodology of soil and on-site groundwater sampling were reviewed and approved by the NYSDEC prior to commencement of the supplemental field investigation. The supplemental field investigation is discussed below.

1.2 Soil Investigation

Field screening of the surficial soil layer was conducted with a portable XRF Analyzer to determine the Arsenic concentration boundary approaching the TAGM 4046 soil cleanup objective level of 7.5 parts per million (ppm) (Note: The NYSDEC proposed that Arsenic levels in soil serve as an indicator of impacted soils). This was accomplished by field screening of surficial soils adjacent to the previously identified primary source area and progressing outwardly. Once the outer boundary was field delineated, nine (9) surficial soil samples were collected at various locations and submitted for laboratory analysis for Arsenic, Chromium and Copper utilizing United States Environmental Protection Agency (USEPA) Method 6010/E200.7. Results of the soil screening and soil sample locations are summarized in Figure 2, "Soil Screening Investigation Results." Soil analyses results are summarized in Table 1 and the corresponding laboratory report is provided as Appendix 1.

Initial soil screening locations were laid out in a grid pattern near the Osmose Area. Subsequent locations were screened until Arsenic level readings approached the TAGM 4046 soil cleanup objective level of 7.5 ppm. Arsenic readings at levels above 200 ppm were recorded at screening locations north, south and east of the Osmose Area. An isolated hot spot was measured approximately 20 feet north of the Construction Equipment Division Building (Grid Location P4, Arsenic = 229 ppm). Screening locations where Arsenic levels approach the TAGM 4046 cleanup level of 7.5 ppm extend from the Osmose Area approximately 110 feet to the northeast and northwest and approximately 115 feet to the southeast. Field screening did not occur in soils that are located beneath the surrounding buildings.

Nine (9) soil samples (S-1 through S-9) were collected on September 23, 2004 at screening locations where Arsenic levels measured with the portable XRF Analyzer approached 7.5 ppm. The sampling locations are shown on Figure 2. Soil samples were collected from 0 to 2 inches below the asphalt pavement with a stainless steel spoon.

The laboratory data was very consistent with the field screening data.

1.3 Groundwater Monitoring and Sampling

Groundwater levels were measured and groundwater samples were collected for twelve (12) of the existing monitoring wells located on the site property. Two (2) existing monitoring wells, MW-15 and MW-16, located to the south and off the site property, were not sampled. With the exceptions of MW-8 and MW-9, groundwater was sampled by low-flow pumping, following USEPA sampling method guidelines and analyzed for Arsenic, Copper and Chromium. Monitoring wells, MW-8 and MW-9 with smaller diameter well casings required sampling with bailers. Groundwater sample results are summarized in Table 2 and the corresponding laboratory report is provided as Appendix 2. Groundwater levels were measured prior to sampling. Groundwater Contour Elevations are shown in Figure 3.

Groundwater elevations and flow direction are similar to measurements recorded in November 2003 by Conestoga-Rover Associates (CRA). The apparent groundwater flow is to the southeast towards Patroon Creek.

Twelve (12) monitoring wells (ML-1 through ML-5 and ML-8 through ML-14) were sampled October 1-5, 2004. Ten (10) wells were purged using low-flow pumping and samples were collected after field parameter measurements stabilized. Field parameter readings are provided in Appendix 3. Wells MW-8 and MW-9 were purged and sampled with bailers, as the small diameter risers precluded the use of the submersible pump.

Groundwater samples were collected from each well and submitted to Severn Trent Laboratories (STL) located in Newburgh, New York for analysis of total and dissolved Arsenic, Copper and Chromium (USEPA Method 200.7). In addition, a duplicate sample, matrix spike and matrix spike duplicate and equipment blank were collected. Results are summarized in Table 2 and the corresponding laboratory report is provided as Appendix 2.

Water samples observed above the NYSDEC Ambient Water Quality Standards (NYSDEC Standard) for total or dissolved Arsenic and Chromium (ML-2, ML-4, ML-5, ML-13 and ML-14) are generally downgradient from the source area with respect to groundwater flow. Water samples from ML-8 and ML-9, which are sidegradient, indicate levels above the NYSDEC Standard for total Arsenic, Copper and Chromium. Results for wells considered upgradient or sidegradient (ML-1, ML-3, ML-10, ML-11 and ML-12) indicate total and dissolved levels for the measured parameters below the NYSDEC Standards.

Compared with results from the November 2003 sampling event, the October 2004 water sample results indicate an improvement in water quality as follows:

- Wells ML-1, ML-3, ML-10 and ML-12 indicate parameter concentrations below the NYSDEC Standards and are significantly lower than past results.
- Wells ML-8 and ML-9 (bailed wells) are relatively unchanged.
- Wells ML-2R and ML-4 indicate lower total Arsenic levels, but higher dissolved Arsenic levels.
- Wells ML-5 and ML-13 show improved water quality, but concentrations remain above the NYSDEC Standards.
- Well ML-14 indicates lower Arsenic and Copper concentrations, but higher Chromium levels.

1.4 Conclusions

Field screening results for surface soils indicate Arsenic levels above the TAGM 4046 soil cleanup objective of 7.5 ppm in an area of approximately 1.5 acres, including the Osmose Area.

Groundwater concentrations for total and dissolved Arsenic, Copper and Chromium are improving overall and are generally lower or unchanged as compared with the November 2003 sampling results. Several on-site downgradient wells have parameter concentrations exceeding the NYSDEC Ambient Water Quality Standards, although off-site downgradient wells have parameter concentrations below the NYSDEC Ambient Water Quality Standards.

1.5 Exposure Analysis

The human health risk associated with Arsenic, Chromium and Copper depends entirely upon the potential for humans to be exposed to soil or groundwater containing these metals. Exposure can only occur when a mechanism, or exposure pathway, exists.

At the Miron Lumber site, there are two (2) affected media that represent potential exposure risks: 1) surface and subsurface soil; and 2) groundwater. There are few pathways by which human exposure is possible. Potential exposure pathways are summarized in Table 3.

Of the affected media and routes of exposure identified, only exposure to soil indicates a potential risk. Groundwater, while known to contain metals at elevated concentrations in certain on-site monitoring wells, does not display elevated concentrations in off-site monitoring wells. Further, groundwater at and near the site is not used for drinking or any other purpose and the entire area is served by municipal water. As such, there is no potential for direct exposure to humans.

On-site soil is the only affected medium included in the screening and evaluation of remedial alternatives. In Table 3, two soil exposure pathways are identified: 1) Ingestion or inhalation of contaminated soil or dust by on-site workers; and 2) Ingestion, inhalation, or dermal contact with contaminated soil or dust by future on-site construction workers.

2.0 **REMEDIAL ACTION OBJECTIVES**

The remedial goal is to reduce or eliminate risk to human health and the environment to the extent feasible. The remedial action will focus upon the identified substances of concern, namely Chromium, Copper and Arsenic. Further, the site consists of long-term industrial/heavy commercial use which predated the wood preservation activities and continues to date. This long-term use is taken into consideration in evaluating the predisposal condition.

Remedial action objectives reflect the results of the Remedial Investigation (RI) and applicable regulatory requirements and guidance, specifically the New York State recommended soil cleanup objectives. Remedial objectives are selected that will be protective of human health and the environment.

2.1 Remedial Goals

The Miron Lumber remedial action objectives are as follows:

- 1) Minimize exposure (inhalation, ingestion, and dermal contact) to soils containing unacceptable levels of Arsenic, Chromium and Copper.
- 2) Prevent degradation of off-site groundwater and stream quality resulting from movement of metals from soil into groundwater and surface water.

2.2 Applicable or Relevant and Appropriate Requirements (ARARs)

Applicable requirements are defined as cleanup standards or standards of control that specifically address a hazardous substance or contaminant detected at a New York State inactive hazardous waste disposal site. The NYSDEC defines applicable requirements as all Standards, Guidance and Criteria (SGCs) relevant to the site remedial alternatives. *Relevant and appropriate* requirements are Federal or State requirements that, while not applicable, address problems sufficiently similar to those encountered at Comprehensive Environmental Response, Compensation and Liberty Act (CERCLA) sites that their application is appropriate.

In addition to ARARs and SGCs, other Federal, State, and local criteria, advisories, or guidance may also apply to the conditions found at the site, and are known as *to-be-considered* (TBC) items. TBCs are not legally binding, but may be useful for assessing site risks and selecting site cleanup goals.

Chemical-specific ARARs provide guidance on acceptable or permissible contaminant concentrations in soil, air and water (Table 4).

2.2.1 Chemical-Specific ARARs and TBCs

New York State Groundwater Standards have been promulgated by the NYSDEC and apply to Class GA groundwater, which underlies the site and vicinity: The best usage of Class GA waters is as a source of potable water supply. Class GA waters are fresh groundwaters found in the saturated zone of unconsolidated deposits and consolidated rock or bedrock. Class GA groundwater standards are equivalent to the maximum contaminant levels (MCLs) established by the New York State Department of Health (NYSDOH) for public drinking water supplies, and are published in the New York Code of Rules and Regulations (NYCRR) Title 10 Chapter I (State Sanitary Code) Subpart 5-1. Class GA standards for the metals of concern are: Arsenic (25 parts per billion (ppb)); Chromium (50 ppb); and Copper (200 ppb).

New York State Recommended Soil Cleanup Objectives are TBCs published by the NYSDEC in TAGM #4046 [NYSDEC 1994]. This guidance outlines the basis and procedure for determining soil cleanup levels at inactive hazardous waste sites. The cleanup objectives apply to unsaturated soils above the water table for sites with future unrestricted use.

The Occupational Safety and Health Administration (OSHA) has promulgated *permissible exposure limits (PELs)* for workers for a variety of contaminants in the air (29 CFE 1910, Subpart Z). The PELs are *time-weighted average (TWA)* concentrations to which workers may be exposed over an 8-hour exposure period without adverse health effects. PELs and TWAs are intended for adult workers exposed in an occupational setting and are not directly applicable to CERCLA or New York inactive hazardous waste sites. The PELs and TWAs may be used as guidance values to determine whether long-term exposures to contaminants in air pose a potential human health risk.

The National Institute for Occupational Safety and Health (NIOSH) has developed concentrations for contaminants in the air that are *immediately dangerous to life or health (IDLH)* for individuals in occupational settings. The IDLH is the maximum concentration, in the event of respirator failure, that could be tolerated for 30 minutes without experiencing irreversible health effects. The IDLHs are appropriate only for subchronic exposures to noncarcinogenic compounds or effects of compounds in air. These values are not directly applicable to CERCLA or inactive hazardous waste sites; however, they may provide guidance regarding on-site workers. NIOSH also has *recommended exposure limits (RELs)* for each metal. An REL is generally a 10-hour time-weighted average based on toxicological and industrial hygiene data.

The American Conference of Governmental Industrial Hygienists (ACGIH) has developed threshold limit values (TLVs) for occupational settings. The TLV is a time-weighted average concentration of contaminant under which most people can work consistently for 8 hours per day, day after day, and avoid harmful effects.

2.2.2 Action-Specific ARARs and TBCs

The Resource Conservation and Recovery Act (RCRA) and the New York State Hazardous Waste Regulations deal with the treatment and disposal methods of hazardous wastes. Wastes generated on the site must be handled in accordance with the Federal hazardous waste regulations (40 CFR Part 260-268) promulgated under RCRA as well as New York State Hazardous Waste Regulations (6 NYCRR Parts 370-376), if applicable. Disposal to off-site landfills shall be in accordance with Federal and State land disposal restrictions. Determination of the presence and appropriate waste code for any hazardous wastes at the site will be made in accordance with 6 NYCRR Part 371 (Identification and Listing of Hazardous Wastes). If soils need to be removed from the site as hazardous, they will be assigned an appropriate waste classification based on the waste characterization analysis.

6 NYCRR Part 375 describes general provision for inactive hazardous waste disposal sites and remediation thereof. This regulation describes the procedure for conducting Interim Remedial Measures (IRMs).

The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), specifically Section 121, Subsections 104 and 106, states that the selected remedial alternative must attain a cleanup level that is protective of human health and the environment.

EPA Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA (EPA/540/G-89/004) establishes the methodology that the Superfund program has set up for characterizing the nature and extent of the risks posed by uncontrolled hazardous wastes sites and for

evaluating potential remedial options. This TBC would apply if the site were to become an USEPA Superfund-listed site.

2.2.3 Site Specific Action Levels

TAGM 4046 provides that future use of the property be considered in developing site specific action levels. The NYS Recommended Soil Cleanup Objectives presented in TAGM 4046 establish cleanup guidance values which assume future unrestricted use with a high likelihood of human exposure. The Miron Lumber property is currently developed with industrial/heavy commercial use. As such, it is appropriate the remedial program incorporate the continuation of this use into the development of site specific cleanup values.

The detailed evaluation of remedial alternatives examines a range of cleanup objectives from site background for each metal of concern to levels of 50 ppm, 100 ppm and 200 ppm for each individual metal. The extent of impacted soils requiring remediation are presented respectively on Figure 2. The alternatives are compared to one another at the varying cleanup objectives in order to evaluate the relative cost benefit of each.

TAGM 4046 states the following recommended soil cleanup objectives for sites with unrestricted use:

Parameter	TAGM (ppm) Recommended Cleanup Objective	Apparent Site Background (ppm)
Arsenic	7.5	7.5
Chromium	10	12.6
Copper	25	25

Various NYSDEC publications indicate background values for soil in New York State as:

Parameter	Typical NYS Background Range (ppm)
Arsenic	2.2 - 23.1
Chromium	11.2 - 51.2
Copper	5.8 - 64.8

In consideration of the future continued industrial/heavy commercial use, the property will not be unrestricted. In such cases, NYSDEC and Federal remedial decisions for sites contaminated with Arsenic, Copper and/or Chromium have utilized alternative, site specific cleanup values. Appendix 4 provides a summary of examples where significantly higher cleanup objectives were deemed appropriate.

3.0 REMEDIAL TECHNOLOGY SCREENING PROCESS

An initial screening is performed to develop a list of potentially applicable remedial technologies applicable to site conditions, contaminants, and contaminated media. Applicable technologies undergo a detailed analysis of alternatives.

3.1 Identification & Screening of Technologies

The screening of technology types and process options is discussed below. This screening was based on the criteria of effectiveness for treating impacted soils, and implementability.

3.1.1 Source Controls

Controls to prevent the continued migration of contaminants from source soils include institutional measures, containment, in-situ treatment, removal, on-site treatment, and disposal. These general response actions and the applicable technology types are described below.

Institutional Measures for addressing soil contamination can include use restrictions and deed restrictions to reduce the possibility of human contact with contaminants. Fencing will deter unauthorized access to contaminated soil/source areas on the site. Signs can be placed on the site to warn utility and construction workers of the contaminated soil and advise calling the NYSDEC prior to disturbance of the gravel surface. Deed restrictions will provide notice to prospective owners that certain uses and/or development of the site may be restricted without further remedial action, in the event the property should be transferred in the future.

Containment of contaminated soils in place will minimize human contact through capping. Much of the site is already paved or covered by buildings. Pavement will divert precipitation away from the contaminated area and reduce infiltration, reducing potential for contaminant leaching into groundwater.

In-Situ Treatment technologies include biological, thermal, and physical/chemical treatment processes. Many of these processes are innovative technologies, with unproven effectiveness. As a result, the need for treatability or pilot-scale studies often makes these technologies less economically feasible and impractical.

Excavation & Removal of contaminated soil above the water table can be accomplished with conventional construction equipment.

On-site Treatment of contaminated soils is sometimes employed, but is usually only economically feasible if large quantities of soil require treatment.

Disposal options for soil excavated from the site include on-site landfilling or off-site landfilling/treatment. Construction of a landfill on the site is not likely to be in compliance with ARARs.

3.2 Development of Remedial Alternatives

In accordance with NYSDEC's TAGM HWR-89-4025, Guidelines for Remedial Investigations/Feasibility Studies (NYSDEC 1989) and HWR- 90-4030, Selection of Remedial Actions at Inactive Hazardous Waste Sites (NYSDEC 1990), preliminary alternatives are evaluated against the criteria of effectiveness and implementability. The development and selection of remedial alternatives which address the New York State and National Contingency Plan requirements of feasibility studies are presented below. Each alternative is evaluated for implementation at cleanup objectives of site background, 50 ppm, 100 ppm and 200 ppm.

<u>Alternative 1</u> is the No Further Action alternative, which will allow contaminated soil to be left in place. No monitoring of groundwater will be conducted in the future. This alternative will necessitate institutional controls, such as groundwater and land use restrictions, to minimize human contact with contaminated media. Signs will be posted to warn construction or utility workers to contact the NYSDEC before excavating.

Existing pavement and buildings will act as a low-permeability cap by diverting water away from some areas of contaminated soil, thereby reducing infiltration of surface water.

<u>Alternative 2</u> consists of Low Permeability Capping & Institutional Controls.

Remediation by utilizing asphalt pavement and low-permeability capping over portions of the site in conjunction with some minor soil consolidation is proposed. The CCA impacted soils will be stabilized to control erosion by wind and storm water runoff.

Consolidation and covering the identified soil contamination with low-permeability pavement, clean soil or other materials, combined with appropriate storm water runoff controls, will: 1) Minimize potential contact with contaminated surface soil by on-site workers; and 2) Minimize leaching of metals by preventing infiltration of precipitation and storm water.

Under this remedy, all soil exceeding the specified action level will be covered in-place by asphalt pavement or other low-permeability material, which would be used as parking lots and roadways. The buildings will remain in place, effectively capping contaminated soil beneath the building. The buildings are suitable for industrial/heavy commercial uses. Such use or comparable use is expected to continue. Capping will minimize contact with contaminated soil, and the low-permeability pavement will be an effective barrier to infiltration of water into underlying soil. Paving and associated drainage controls will be employed to divert storm water from coming into contact with contaminated soil. Cutting off the recharge of precipitation water through impacted soils is an effective means of eliminating the continuing source. Groundwater use restrictions will be implemented, and institutional controls in the form of deed restrictions will disallow or significantly restrict future construction or other disturbance within designated areas of the site. This alternative also includes ongoing monitoring of on-site groundwater twice annually for at least two (2) years.

<u>Alternative 3</u> includes excavation and off-site disposal of impacted soils, which will prevent continued leaching of contaminants to groundwater. Soil will be removed to a depth of one (1) foot in the identified excavation area and deeper in the identified hot spot area at the osmose pad. The buildings and underlying soil will remain in place.

Excavation will be conducted using conventional earthmoving equipment, such as backhoes, excavators and front-end loaders. For cost estimating purposes, it is assumed that post-excavation samples will be collected from the bottom of the excavation and analyzed for Arsenic, Chromium and Copper. The excavation will be backfilled with suitable clean fill material, then left unpaved.

This alternative also includes long-term groundwater monitoring. The buildings will require institutional controls to prevent future disturbance or exposure to contaminated soils remaining on-site.

<u>Alternative 4</u> includes in-situ treatment of contaminated soil. A variety of in-situ treatment technologies have been developed for soils contaminated with metals. Under this approach, metals-contaminated soil remain, and one or more of four (4) primary soil treatment approaches are employed: 1) electrokinetic remediation; 2) phytoremediation; 3) soil flushing; and 4) solidification/stabilization. These are described as follows:

Electrokinetic techniques rely on the application of low-intensity direct current between electrodes placed in the soil, which mobilizes charged ions, causing them to move toward the electrodes, where they are removed and subsequently treated aboveground. Most experience with this technology is limited to bench and pilot scale studies. Because of limited performance data for electrokinetic remediation for metals, and because inadequate soil moisture in the vadose zone can limit its effectiveness, this approach is not considered a viable alternative.

Phytoremediation techniques include both phytoextraction, which relies on uptake of metals and subsequent harvesting, and phytostabilization, which relies on plant secretions that form metal complexes with reduced solubility. Phytoremediation for Copper, Chromium and Arsenic have not been adequately developed, and for these reasons, phytoremediation is not considered a viable alternative. Additionally, the use of plantings for remediation of soils are potentially not suitable for an industrial setting.

Soil flushing involves extraction of metals from soil using water or other suitable aqueous agents. Leached contaminants are typically recovered from the underlying groundwater via pump-and-treat methods.

Solidification and stabilization involves changes to the physical or chemical properties of the soil in order to immobilize contaminants.

The stabilization technique potentially appropriate for this site utilizes cement dust and/or coal ash, which is spread on and disked into the surficial soil in contaminated areas. The introduction of these materials into the soil reduces the pH of the soil and binds the metals within the soils matrix.

This treatment option may be used for the entire site or may be used in any areas not being considered for roadways, parking areas or buildings.

Alternative 4 also includes long-term groundwater monitoring. The buildings and areas designated for insitu treatment might require institutional controls to prevent future disturbance to contaminated soils remaining on-site.

4.0 DETAILED EVALUATION OF ALTERNATIVES

This section presents an evaluation of the remedial alternatives described in Section 3.0. The purpose of the evaluation is to identify the advantages and disadvantages of each alternative as well as key trade-offs among the alternatives. The criteria used to evaluate the alternatives are specified in the USEPA guidance (USEPA 1988), which is accepted by the NYSDEC, and are as follows:

- Overall Protection of Human Health and the Environment
- Compliance with ARARs
- Long-Term Effectiveness and Permanence
- Reduction of Toxicity, Mobility and Volume through Treatment
- Short-Term Effectiveness
- Implementability
- Cost

Community and State acceptance are also considered after public comments have been received on the Supplemental Site Investigation/Focused Feasibility Study report and proposed remedial action plan. The Record of Decision (ROD) for the site will address community and State acceptance.

Each alternative is evaluated for the following action levels based on Arsenic distribution in soil:

- 7.5 ppm
- 50 ppm
- 100 ppm
- 200 ppm

4.1 Individual Analysis of Alternatives

4.1.1 Alternative 1: No Further Action

Protection of Human Health and the Environment. There is no demonstrated off-site impact due to the site, and potential exposure to groundwater via drinking water wells does not exist. Alternative 1 is protective of human health through the use of institutional measures (groundwater use restrictions) to prevent human contact with the contaminants that will remain at the site and in the groundwater; however, the potential for human exposure to the soil contaminants will remain. Remaining contaminants in surface soil may be inhaled or directly contacted by workers that excavate in this area.

Compliance With ARARs. Chemical-specific ARARs and TBCs for the site, including the New York State soil cleanup objectives and the Class GA groundwater standards, will not be achieved.

Long-Term Effectiveness and Permanence. As the no further action alternative, Alternative 1 does not provide a permanent remedy.

Reduction of Toxicity, Mobility and Volume through Treatment. While groundwater quality appears to be improving, implementation of Alternative 1 will not result in a reduction of toxicity, mobility or volume of contamination present at the site.

Short-Term Effectiveness. As the no further action alternative, Alternative 1 does not provide a high degree of short-term effectiveness.

Implementability. Institutional controls, such as deed restrictions, are straightforward to implement.

Cost. Estimated capital and long-term Operation and Maintenance (O&M) costs for Alternative 1 are presumed to be zero.

4.1.2 Alternative 2: Low Permeability Capping & Institutional Controls

Protection of Human Health and the Environment. Alternative 2 will eliminate direct exposure to public health and environment by placing a permanent soil and/or paved cap over contaminated surface soil. The cap also provides for effective source control and is protective of groundwater by preventing storm water from coming into contact with underlying impacted soil. Alternative 2 is further protective of human health through the use of groundwater use restrictions and deed restrictions to prevent human contact with contaminants that will remain at the site and in the soil and groundwater.

Compliance With ARARs. Chemical-specific ARARs and TBCs for the site, including the New York State soil cleanup objectives and the Class GA groundwater standards, will not be achieved for unrestricted use where the highest and best use is presumed residential. However, as this site has been a long-term industrial/heavy commercial site and will have restricted use, alternative site specific cleanup objectives can be established.

Long-Term Effectiveness and Permanence. Alternative 2 provides a high degree of effectiveness and permanence. Institutional controls ensure that the encapsulated areas and drainage controls are properly maintained, and prevent future disturbance or construction within the capped area without further remediation.

Reduction of Toxicity, Mobility and Volume through Treatment. Alternative 2 provides effective source control by preventing the mobility of subsurface metals by preventing infiltration of water. Surface wind and water erosion of impacted soils will also be prevented.

Short-Term Effectiveness. Alternative 2 will be immediately effective, in that the potential for worker exposure to surface soil is eliminated. Soil disturbance at this site could temporarily result in potential exposure to on-site workers through the generation of contaminated dust and metals emission. Controls will be implemented during the excavation phase to reduce the risk of exposure to contaminants.

Implementability. Alternative 2 is readily implemented. Implementation of remedial measures can be incorporated into future construction. Groundwater use restrictions and deed restrictions will be arranged by the owner through the NYSDEC.

Cost. Estimated capital costs for Alternative 2 vary with soil cleanup objectives. Tables 5A-D represent the cost to remediate to site background conditions, 50 ppm, 100 ppm and 200 ppm of Arsenic. Figure 4 provides a relative comparison to closing at alternative cleanup values. Long-term monitoring and maintenance costs include pavement maintenance and groundwater monitoring.

4.1.3 Alternative 3: Soil Excavation & Off-Site Disposal

Protection of Human Health and the Environment. Alternative 3 includes remediation through excavation and off-site disposal of contaminated soils and monitoring groundwater in on-site monitoring wells. This alternative will reduce further leaching of metals into groundwater, and will eliminate the potential health risk posed by human contact with contaminated soil. A major drawback of excavation is the potential exposure of on-site workers and remediation personnel to metals via ingestion and inhalation of airborne dust during excavation, loading and off-site transport. Site access and egress are via Railroad Avenue, which passes through a developed commercial area. There is also a high potential for spread of metals via soil erosion. Appropriate measures must be incorporated into any excavation/disposal work plan to prevent human exposure.

For groundwater, Alternative 3 is protective of human health through the use of institutional measures to reduce human contact with the contaminants in groundwater. Long-term groundwater monitoring is included in this alternative to assess whether contaminants are moving off-site.

Compliance With ARARs. By removing contaminated soil from the site, Alternative 3 would achieve chemical-specific ARARs and TBCs, including New York State soil cleanup objectives in those areas where soil is excavated. Although some improvement in local groundwater quality may be expected under Alternative 3, Class GA groundwater standards will probably not be achieved.

Long-Term Effectiveness and Permanence. Alternative 3 provides a high degree of effectiveness and permanence.

Reduction of Toxicity, Mobility, and Volume through Treatment. Alternative 3 will reduce the volume of contaminated soil by virtually 100% in those areas which are excavated.

Short-Term Effectiveness. Alternative 3 will be immediately effective, in that the potential for human exposure to surface soil would be eliminated. Soil excavation at the site during remediation has the potential to temporarily result in potential adverse health effects for on-site workers through the generation of contaminated dust and metals emission. Controls will be implemented during the excavation phase to reduce the risk of exposure to contaminants.

Implementability. Excavation and backfilling are commonly applied technologies at hazardous waste sites and do not require special equipment or operators. However, off-site transport of excavated wastes may not be possible given current market conditions. Recent canvassing of permitted facilities in southern New York indicate that, local landfills such as the City of Albany and Town of Colonie are not available for contaminated soil. Until additional disposal capacity becomes available in southern New York, this alternative does not appear feasible. Institutional controls for groundwater use restrictions may be established by the owner in consultation with the NYSDEC. Long-term groundwater monitoring and sampling are also readily accomplished.

Cost. Estimated capital costs for Alternative 3 vary widely with cleanup objective due primarily with the estimated soil volume requiring off-site management. Tables 6A-D represent the cost to remediate to site background conditions 50 ppm, 100 ppm, and 200 ppm of Arsenic. Figure 4 provides a relative comparison to closing at alternate cleanup values. Long-term monitoring and maintenance costs include groundwater monitoring.

4.1.4 Alternative 4: In-Situ Soil Treatment

Protection of Human Health and the Environment. This alternative will reduce further leaching of metals into groundwater, and will eliminate the potential health risk posed by human contact with contaminated soil. Phytoextraction techniques could lead to ingestion of contaminated plants by herbivores. Applicability of soil flushing is site specific, and is not applicable on sites where contamination might spread via groundwater movement.

For groundwater, Alternative 4 is protective of human health through the use of institutional measures to reduce human contact with the contaminants in groundwater. Long-term groundwater monitoring is included in this alternative to assess whether contaminants are moving off-site.

Compliance With ARARs. Because most in situ remediation techniques do not remove metals from the soil, it is questionable whether Alternative 4 will achieve chemical-specific ARARs and TBCs, including New York State soil cleanup objectives. Although some improvement in local groundwater quality may be expected under Alternative 4, Class GA groundwater standards will probably not be achieved.

Long-Term Effectiveness and Permanence. Long-term effectiveness and permanence for most in-situ remediation techniques are unproven or inconclusive and would need bench and pilot scale studies.

Reduction of Toxicity, Mobility, and Volume through Treatment. Alternative 4 is designed to significantly reduce the mobility of contaminated soil. The toxicity may not be significantly reduced. Volume will not be reduced.

Short-Term Effectiveness. Alternative 4 will be immediately effective, in that the potential for metal mobility will be significantly reduced. Exposure to soils during remediation could temporarily result in potential adverse health effects for on-site workers through the generation of contaminated dust and metals emission. Controls would be implemented during the excavation phase to reduce the risk of exposure to contaminants.

Implementability. Most in-situ remediation techniques have not been available commercially for very long. Because all in-situ methods are highly site-specific, bench or pilot scale tests would precede full-scale remediation. This would significantly delay the remediation of the site.

Institutional controls for groundwater use restrictions may be established by the owner in consultation with the NYSDEC. Long-term groundwater monitoring and sampling are also readily accomplished.

Cost. Estimated capital costs for stabilization vary with cleanup objective. Tables 7A-D present the cost for remediation to site background conditions 50 ppm, 100 ppm and 200 ppm of Arsenic. Figure 4 presents a relative comparison to closing at alternate cleanup values. Long-term monitoring and maintenance costs include groundwater monitoring.

4.2 Comparative Analysis of Alternatives

In the previous section, each of the remedial alternatives is individually evaluated with respect to seven (7) criteria. The comparative performance of the alternatives are now evaluated where common elements exist among alternatives.

4.2.1 Protection of Human Health and the Environment

Alternative 1 provides the least protection of human health, as workers excavating unprotected contaminated soil may be exposed to metal contaminants. Airborne dust will be a potential threat. Institutional measures may be implemented to prevent human exposure to contaminants in the area of concern. In comparison to Alternative 1, Alternative 2 provides significantly greater protection to the community by eliminating the potential for direct exposure to contaminated soil, and by minimizing contact between storm water and contaminated soil, thereby controlling the source and protecting groundwater. Alternatives 3 and 4 will also eliminate exposure pathways to contaminants in soil and minimize leaching of metals into groundwater. Alternative 3, however, will entail complete disturbance of contaminated soil over a period of many weeks while soil is excavated, loaded and transported off-site, which will create significant exposure potential for on-site workers.

4.2.2 Compliance With ARARs

Alternative 2 will effectively control the source and eliminate potential exposure pathways of soil and groundwater ingestion, dermal contact and dust inhalation. Alternatives 1, 2 and 4 will not result in compliance with chemical-specific ARARs and TBCs for New York State soil cleanup objectives. Alternative 3 (off-site soil disposal) will result in compliance with ARARs and TBCs.

4.2.3 Long-Term Effectiveness and Permanence

Alternative 1 provides the least long-term effectiveness and permanence. Alternative 2 provides immediate effectiveness by eliminating all potential on-site exposure pathways. Incorporating remedial measures into new commercial development of the site ensures that the remedy is consistent with site use, reducing the likelihood that future use of the site will conflict with remedial actions. Alternative 3 provides immediate effectiveness by transporting metal contaminants off-site. The long-term effectiveness of Alternative 4 is less certain, and will depend, in part, on soil characteristics and on selection of the most appropriate treatment/immobilization methods indicated by pre-remediation pilot studies.

4.2.4 Reduction of Toxicity, Mobility and Volume Through Treatment

Alternatives 1 and 2 do not achieve a reduction in the toxicity or volume of contamination, but Alternative 2 will provide effective source control by reducing the mobility of metals in soil by preventing infiltration of water, thereby reducing the potential for leaching. Alternative 3 will reduce the volume of contaminants. Alternative 4 will reduce contaminant mobility, but not toxicity or volume.

4.2.5 Short-Term Effectiveness

Alternatives 2, 3 and 4 will all be immediately effective by eliminating direct exposure pathways affecting on-site receptors. Institutional controls, once implemented, would also prevent exposure short-term and long-term. No short-term adverse impacts will result from the implementation of Alternative 1. Alternatives 2 and 4 will have minimal potential short-term adverse impacts, but only for a short period during active handling of contaminated soil in preparation for paving (Alternative 2) or during treatment of surface soil (Alternative 4). Alternative 3 will have the most significant adverse effects in the short term as the potential for airborne dust movement will extend over the entire period of soil excavation, loading and transport.

4.2.6 Implementability

Alternative 1 is the easiest alternative to implement. Alternative 2 is the next easiest alternative to implement as it involves standard materials, techniques and equipment. Alternative 2 will require long-term maintenance of new paved surfaces and drainage features. Alternatives 2 and 3 involve standard techniques and equipment, but will require extensive monitoring and control of fugitive dust, storm water and sediment during the remediation process. Alternative 4 involves specialized equipment for mixing and applying stabilizing agents to the soil. Alternative 4 would also be preceded by bench- or pilot-scale tests to determine the applicability and effectiveness of various soil treatment methods.

4.2.7 Cost

Alternative 1, the no further action alternative, has an estimated capital cost of zero. The capital costs for each alternative varies significantly with cleanup objective. Figure 4 compares the capital cost of each alternative effectuated at cleanup objectives of site background, 50 ppm, 100 ppm, and 200 ppm.

5.0 RECOMMENDED REMEDIAL ALTERNATIVE

Based on the FFS analysis and intended use of the property, the recommended remedy for the site consists of soil management controls, including low permeability capping, that will: 1) Minimize human exposure to surface soils; and 2) Minimize infiltration and leaching of metals into groundwater and surface water. These soil management controls are readily implemented.

Soil containing elevated concentrations of CCA will remain on-site in designated areas. In addition to capping, institutional controls will also be employed to minimize future exposure. Periodic groundwater and surface water monitoring will also continue.

On-site management of contaminated soil has been endorsed by the NYSDEC for properties with significant contamination by heavy metals, such as similar wood preservation sites and orchard land. On those sites, which typically exhibit higher concentrations of metals, contaminated soil is encapsulated under roads and parking areas, or covered so that human exposure to the soil is minimized. Such remedial measures are commonly employed, even when the intended future use of the property is

residential.

The proposed remedy addresses all areas known to be contaminated with the metals of concern.

Alternative 2 will improve groundwater quality over time by eliminating percolation of precipitation through CCA-impacted soils. Adjacent areas are served by municipal water, and are not, therefore, exposed to any CCA-impacted groundwater.

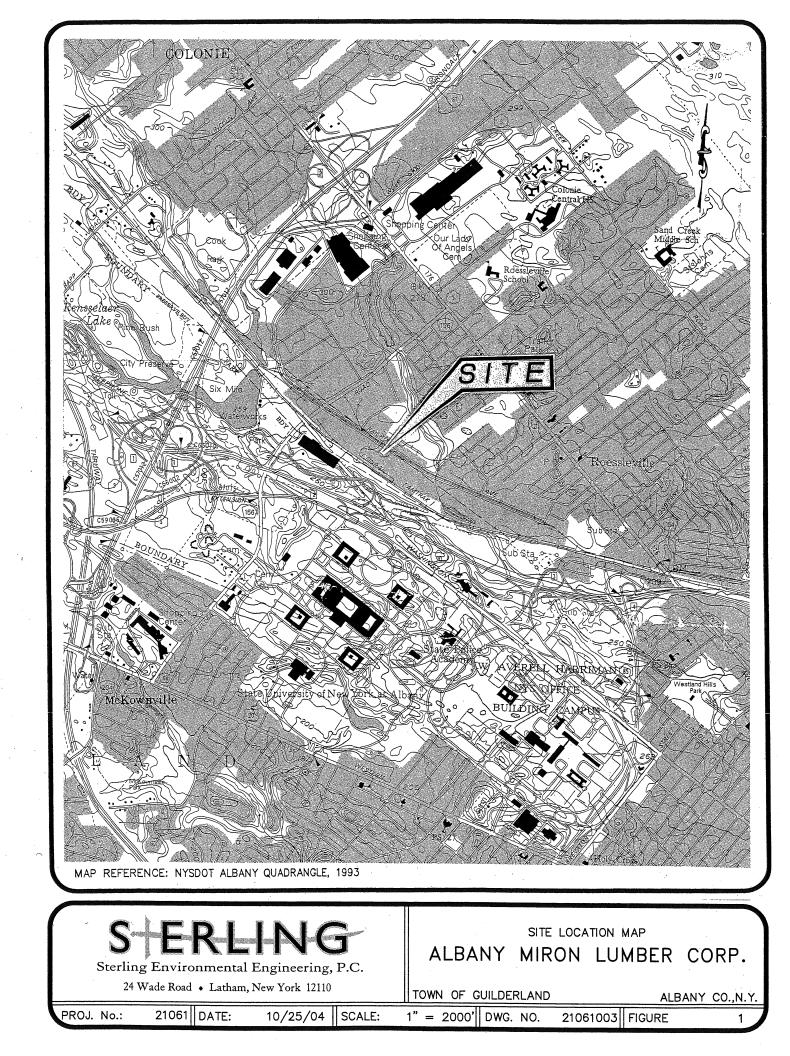
Capping contaminated soil beneath permanent parking lots and buildings will eliminate erosion of contaminated surface soil, which will provide sufficient stream protection.

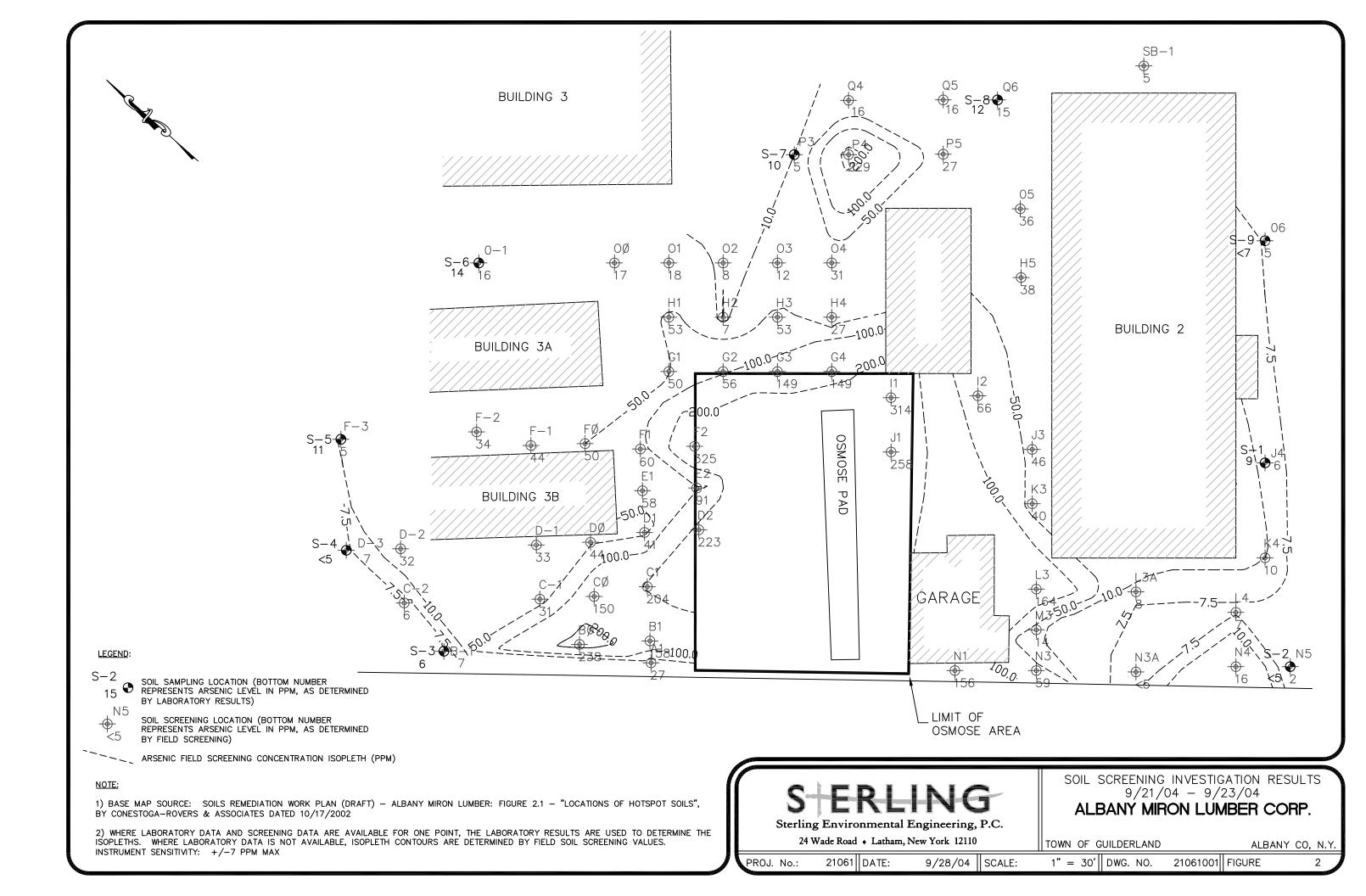
While Alternative 2 effectively caps contaminated soil exceeding site background for the individual metals of concern, disturbance of contaminated areas may necessitate that dust and erosion control measures be incorporated into any future site development.

The institutional controls under Alternative 2 will permanently eliminate potential exposure to metals in groundwater and soil on-site. For these reasons, Alternative 2 is the preferred remedial option for the site.

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FIGURES





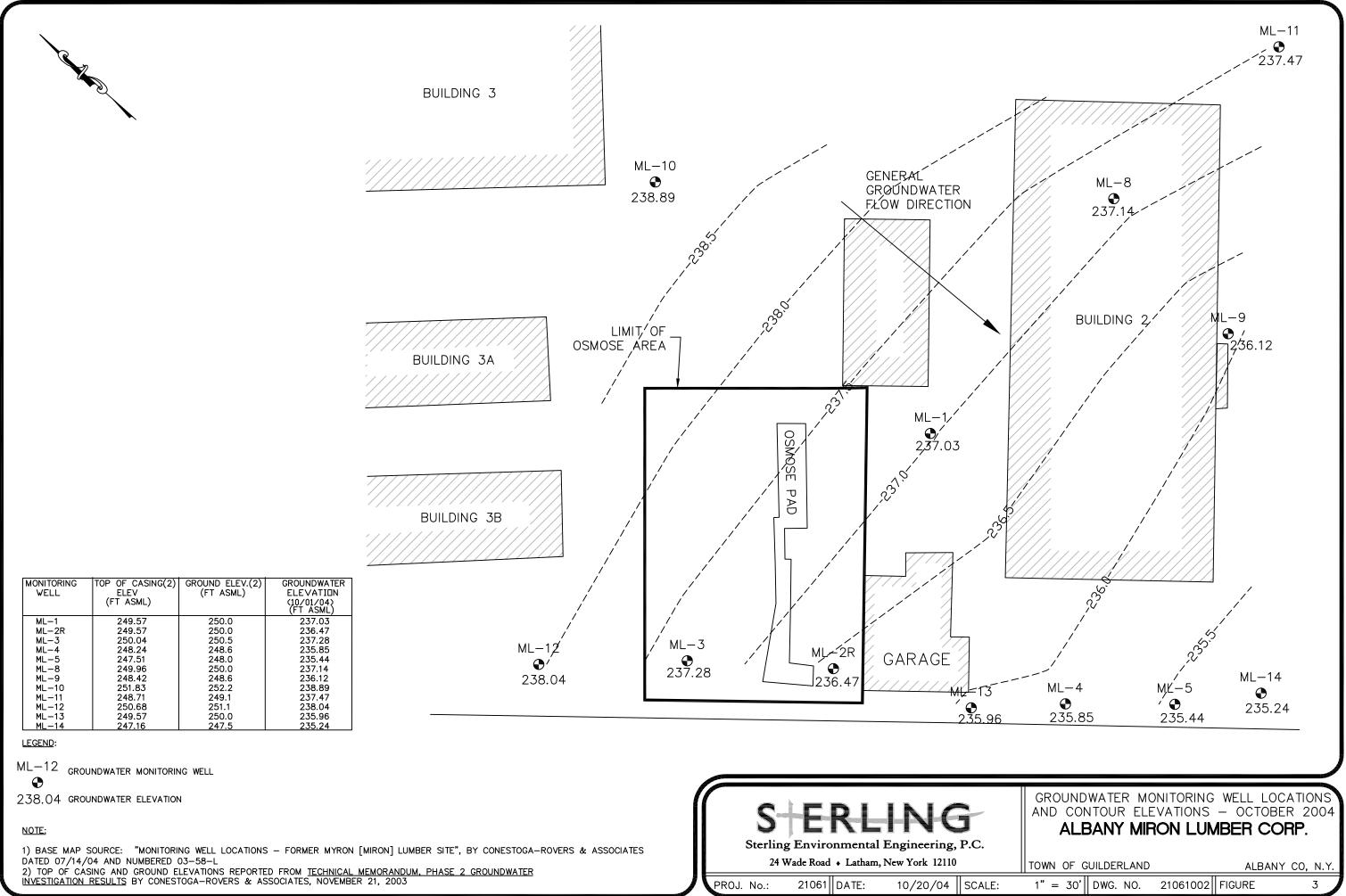
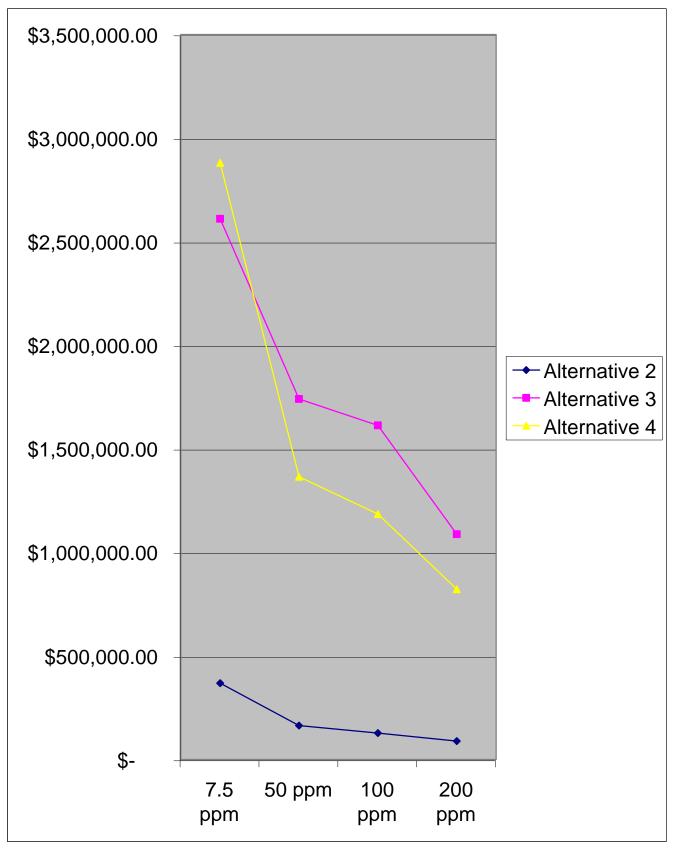


Figure 4 Clean Up Cost Comparison



TABLES

TABLE 1 Albany Miron Lumber Soil Investigation and Sampling Results 9/21/04 - 9/23/04

	-			/21/04 - 9/2	-5/04							
Parameters	Units		Site Backround		CD 2	CD 2	1	PLE LOCA		CD 7	CD 0	CD 0
		[1]		SB-1 [J4]	SB-2 [N5]	SB-3 [B(-1)]	SB-4 [D(-3)]	SB-5 [F(-3)]	SB-6 [O(-1)]	SB-7 [P3]	SB-8 [Q6]	SB-9 [O6]
Laboratory results												
Arsenic	mg/Kg	7.5 or SB		5.72	2.35	6.91	6.76	4.94	15.8	4.59	14.6	5.31
Chromium	mg/Kg	10 or SB		14	5.44	17	13.8	8.73	20.2	10.3	13.7	10.4
Copper	mg/Kg	30 or SB		32.6	11.6	24.4	21.5	35.7	29.8	21.3	22.2	22.9
Field Screening Results ^[3]												
Arsenic	mg/Kg		5 +/- 2	9 +/- 2	<5	6+/- 2	<5	11 +/-2	14 +/- 2	10 +/-2	12 +/- 2	<7
Chromium	mg/Kg		<40	<38	<27	<46	<43	<34	<38	<37	<46	<38
Copper	mg/Kg		<14	<15	<12	17+/-5	31 +/- 5	29 +/- 5	25 +/- 3	<137	<16	<14

^[1] From NYSDEC DHWR TAGM 4046 (1994), "Determination of Soil Cleanup Objectives and Cleanup Levels" and supporting NYSDEC Memorandums dated: 12/20/00, 4/10/01, and 7/10/01.

^[2] The Soil Sample ID number is listed, with the corresponding Soil Screening Grid Location in brackets (see Figure 1 for locations).

^[3] Field screening results were determined with a XRF Analyzer.

TABLE 2Albany Miron LumberGroundwater Analyses SummaryOctober 1-5, 2004

ample Locations			ML-1		ML-2R		ML-3		ML-4		ML-5	5	ML-	·8	ML-9	
Parameters	Units	NYSDEC Ambient Water Quaility Standards (ug/l)														
Arsenic	ug/L	25	2	в	8470		2.7	U	828		246		46.9		55.9	
Arsenic (Dissolved)	ug/L	-	11.9		21100		1.9	U	922		95.6		1.9	U	1.9	ι
Chromium	ug/L	50	27.6		168		0.7	U	488		140		91		129	
Chromium (Dissolved)	ug/L	-	26.2		165		1.5	в	486		5.5	В	3.1	В	1	E
Copper	ug/L	200	10.4	в	84.1		3.3	U	3.3	U	50.9		235		326	
Copper (Dissolved)	ug/L	-	1.6	U	33		1.6	U	2.9	в	3.5	В	1.6	U	1.6	E

Sample Locations			ML-1	0	ML-11	l	ML-12	2	ML-13		ML-14	4	EQ. E	3L.
Parameters	Units	NYSDEC Ambient Water Quaility Standards (ug/l)											[2]	I
Arsenic	ug/L	25	5	В	2.7	U	3.7	В	2190		4.6/3 ^[1]	В	6.1	В
Arsenic (Dissolved)	ug/L	-	1.9	U	1.9	U	1.9	U	1920		1.9/1.9	U	4.2	В
Chromium	ug/L	50	1.2	В	3	В	0.82	В	984		104/103		1.6	В
Chromium (Dissolved)	ug/L	-	2.3	В	3.7	В	1.6	В	909		107/104		1.3	В
Copper	ug/L	200	3.3	U	3.3	U	3.8	В	5.4	В	7.3/6.7	В	3.3	U
Copper (Dissolved)	ug/L	-	2.5	В	2.4	В	1.6	U	1.6	U	1.6/1.6	U	1.8	В

Notes:

U = Indicates the compound was analyzed for, but not detected.

B = The reported value is less than the Contract Required Detection Limit (CRDL), but greater than the Instrument Detection Limit (IDL).

[1] Duplicate sample, includes results corresponding to Laboratory sample "ML-6"

[2] Equipment Blank

- Values in **BOLD** indicate reported concentrations above applicable water quality standards.

TABLE 3

POTENTIAL EXPOSURE PATHWAYS MIRON LUMBER WOOD TREATING SITE

Potential Receptor	Exposure Route, Contaminated Media, and Point of Exposure	Pathway Selected for Evaluation (Yes/No)	Reason for Selection or Exclusion
Human	Ingestion of soils on-site.	No	Area is zoned commercial/industrial. Residential development will not occur. Site will be used for non- residential use.
Human	Ingestion of soils off-site.	No	Residential development and use will not occur.
Human	Ingestion of groundwater on-site.	No	Railroad Avenue and surrounding area are supplied by municipal water system.
Human	Ingestion of groundwater off-site.	No	Nearby homes are supplied by municipal water system. There are no users of off-site groundwater.
On-site workers	Ingestion or inhalation of soil or dust.	Yes	Surface soils are contaminated with metals.
On-site workers	Ingestion of groundwater on-site.	No	Municipal water is supplied to the site.
On-site construction workers	Ingestion, inhalation or dermal contact with soils on-site.	Yes	Surface & subsurface soils are contaminated with metals. Future construction on-site is possible.

TABLE 4

APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)

Soil and Groundwater Standards

Standard	Chromium	Arsenic	Copper
NYS Groundwater Standard (Class GA) (ug/L)	50	25	200
NYS Soil Cleanup Objectives (site background) (mg/kg)	23	25	35

Exposure Limits To Be Considered (T.B.C.)

Standard		Chromium		Arsenic	Copper
	Cr (metal)	Cr (VI) Soluble	Cr (VI) Insoluble		(Dusts and Mists)
NIOSH IDLH mg/m ³	-	15	-	5 Ca	100
NIOSH - REL/TWA mg/m ³	-	-	-	0.02 C	1
OSHA - PEL mg/m ³	-	0.1	-	0.010	1
ACGIH - TLV mg/m ³	0.5	0.05 A1	0.01 A1	0.01 A1	1

- = Not Available

IDLH = Immediate danger to life or health

REL = Recommended Exposure Limit

TWA = Time Weighted Average

PEL = Permissible Exposure Limit

ACGIH = American Conference of Governmental Industrial Hygienists

TLV = Threshold Limit Value

A1 = Confirmed Human Carcinogen

Ca = Potential Human Carcinogen

C = Ceiling

TABLE 5A

COST ESTIMATE - ALTERNATIVE #2A LOW PERMEABILITY CAPPING 200 PPM CLEAN UP GOAL

CAPITAL COSTS	UNIT COST	QUANTITY	UNITS	COST
Direct:				
Asphalt Paving	\$3.50	11,900	Square Feet	\$41,650
Grading and Subbase Preparation	L.S.	25,000	L.S.	\$25,000
	SUBTOTAL	DIRECT COSTS:		\$66,650
Indirect:				
Engineering and Design @ 8.5% Capital Costs				\$5,665
Construction Monitoring, Reporting @ 5% Capital Costs				\$3,333
Contingency @ 20%				\$13,330
	SUBTOTAL IN	DIRECT COSTS:		\$22,328
	TOTAL C	APITAL COST:		\$88,978
Operation & Maintenance Costs:				
Annual GW Monitoring	\$7,500			
TOTAL ANNUAL O&M COST	: \$7,500			

TABLE 5B

COST ESTIMATE - ALTERNATIVE #2B LOW PERMEABILITY CAPPING 100 PPM CLEAN UP GOAL

CAPITAL COSTS	UNIT COST	QUANTITY	UNITS	COST
Direct:				
Asphalt Paving	\$3.50	20,100	Square Feet	\$70,350
Grading and Subbase Preparation	L.S.	25,000	L.S.	\$25,000
	SUBTOTAL	DIRECT COSTS:		\$95,350
Indirect:				
Engineering and Design @ 8.5% Capital Costs				\$8,105
Construction Monitoring, Reporting @ 5% Capital Costs				\$4,768
Contingency @ 20%				\$19,070
	SUBTOTAL IN	DIRECT COSTS:		\$31,942
	TOTAL C	APITAL COST:		\$127,292
Operation & Maintenance Costs:				
Annual GW Monitoring	\$7,500			
TOTAL ANNUAL O&M COST	: \$7,500			

TABLE 5C

COST ESTIMATE - ALTERNATIVE #2C LOW PERMEABILITY CAPPING 50 PPM CLEAN UP GOAL

CAPITAL COSTS	UNIT COST	QUANTITY	UNITS	COST
Direct:				
Asphalt Paving	\$3.50	25,100	Square Feet	\$87,850
Grading and Subbase Preparation	L.S.	35,000	L.S.	\$35,000
	SUBTOTAL DIRECT COSTS:			
Indirect:				
Engineering and Design @ 8.5% Capital Costs				\$10,442
Construction Monitoring, Reporting @ 5% Capital Costs				\$6,143
Contingency @ 20%				\$24,570
SUBTOTAL INDIRECT COSTS:				
TOTAL CAPITAL COST:				\$164,005
Operation & Maintenance Costs: Annual GW Monitoring	\$7,500			
TOTAL ANNUAL O&M COST	: \$7,500			

COST ESTIMATE - ALTERNATIVE #2D LOW PERMEABILITY CAPPING 7.5 PPM CLEAN UP GOAL

CAPITAL COSTS	UNIT COST	QUANTITY	UNITS	COST
Direct:				
Asphalt Paving	\$3.50	67,400	Square Feet	\$235,900
Grading and Subbase Preparation	L.S.	40,000	L.S.	\$40,000
	SUBTOTAL	DIRECT COSTS:		\$275,900
	1			
Indirect:				
Engineering and Design @ 8.5% Capital Costs				\$23,452
Construction Monitoring, Reporting @ 5% Capital Costs				\$13,795
Contingency @ 20%				\$55,180
	SUBTOTAL IN	DIRECT COSTS:		\$92,427
	TOTAL C	APITAL COST:		\$368,327
Operation & Maintenance Costs:				
Annual GW Monitoring	\$7,500			
TOTAL ANNUAL O&M COST	: \$7,500			

TABLE 6A

COST ESTIMATE - ALTERNATIVE #3A EXCAVATION & OFF-SITE DISPOSAL 200 PPM CLEAN UP GOAL

CAPITAL COSTS	UNIT COST	QUANTITY	UNITS	COST
Direct:				
Excavation & Loading of Soil	\$18	3,000	Cubic Yards	\$54,000
Confirmatory Sampling for As, Cr, Cu	\$130	25	Each	\$3,250
Soil Disposal Fee (T&D)	\$150	4,500	Ton	\$675,000
Clean Backfill	\$12.50	3,000	Cubic Yards	\$37,500
Place, Grade and Compact	\$15	3,000	Cubic Yards	\$45,000
	SUBTOTAL	DIRECT COSTS:		\$814,750
Indirect:				
Engineering and Design @ 8.5% Capital Costs				\$69,254
Construction Monitoring, Reporting @ 5% Capital Costs				\$40,738
Contingency @ 20%				\$162,950
	SUBTOTAL IN	DIRECT COSTS:		\$272,941
TOTAL CAPITAL COST:				\$1,087,691
Operation & Maintenance Costs:				
Annual GW Monitoring	\$7,500			
TOTAL ANNUAL O&M COST	: \$7,500			

TABLE 6B

COST ESTIMATE - ALTERNATIVE #3B EXCAVATION & OFF-SITE DISPOSAL 100 PPM CLEAN UP GOAL

CAPITAL COSTS	UNIT COST	QUANTITY	UNITS	COST
Direct:				
Excavation & Loading of Soil	\$15	4,500	Cubic Yards	\$67,500
Confirmatory Sampling for As, Cr, Cu	\$130	35	Each	\$4,550
Soil Disposal Fee (T&D)	\$150	6,750	Ton	\$1,012,500
Clean Backfill	\$12.50	4,500	Cubic Yards	\$56,250
Place, Grade and Compact	\$15	4,500	Cubic Yards	\$67,500
	SUBTOTAL	DIRECT COSTS:		\$1,208,300
Indirect:				
Engineering and Design @ 8.5% Capital Costs				\$102,706
Construction Monitoring, Reporting @ 5% Capital Costs				\$60,415
Contingency @ 20%				\$241,660
		\$404,781		
	TOTAL C	APITAL COST:		\$1,613,081
Operation & Maintenance Costs:				
Annual GW Monitoring	\$7,500			
TOTAL ANNUAL O&M COST: \$7,500				

TABLE 6C

COST ESTIMATE - ALTERNATIVE #3C EXCAVATION & OFF-SITE DISPOSAL 50 PPM CLEAN UP GOAL

CAPITAL COSTS	UNIT COST	QUANTITY	UNITS	COST
Direct:				
Excavation & Loading of Soil	\$18	4,800	Cubic Yards	\$86,400
Confirmatory Sampling for As, Cr, Cu	\$130	40	Each	\$5,200
Soil Disposal Fee (T&D)	\$150	7,200	Ton	\$1,080,000
Clean Backfill	\$12.50	4,800	Cubic Yards	\$60,000
Place, Grade and Compact	\$15	4,800	Cubic Yards	\$72,000
	SUBTOTAL	DIRECT COSTS:		\$1,303,600
Indirect:				
Engineering and Design @ 8.5% Capital Costs				\$110,806
Construction Monitoring, Reporting @ 5% Capital Costs				\$65,180
Contingency @ 20%				\$260,720
	SUBTOTAL IN	DIRECT COSTS:		\$436,706
	TOTAL C	APITAL COST:		\$1,740,306
Operation & Maintenance Costs:				
Annual GW Monitoring	\$7,500			
TOTAL ANNUAL O&M COST	: \$7,500			

TABLE 6D

COST ESTIMATE - ALTERNATIVE #3D EXCAVATION & OFF-SITE DISPOSAL 7.5 PPM CLEAN UP GOAL

CAPITAL COSTS	UNIT COST	QUANTITY	UNITS	COST	
Direct:					
Excavation & Loading of Soil	\$18	7,200	Cubic Yards	\$129,600	
Confirmatory Sampling for As, Cr, Cu	\$130	60	Each	\$7,800	
Soil Disposal Fee (T&D)	\$150	10,800	Ton	\$1,620,000	
Clean Backfill	\$12.50	7,200	Cubic Yards	\$90,000	
Place, Grade and Compact	\$15	7,200	Cubic Yards	\$108,000	
	SUBTOTAL DIRECT COSTS:				
Indirect:					
Engineering and Design @ 8.5% Capital Costs				\$166,209	
Construction Monitoring, Reporting @ 5% Capital Costs				\$97,770	
Contingency @ 20%				\$391,080	
	SUBTOTAL IN	DIRECT COSTS:		\$655,059	
	TOTAL C	APITAL COST:		\$2,610,459	
Operation & Maintenance Costs:					
Annual GW Monitoring \$7,500					
TOTAL ANNUAL O&M COST	: \$7,500				

TABLE 7A

COST ESTIMATE - ALTERNATIVE #4A SOIL STABILIZATION 200 PPM CLEAN UP GOAL

CAPITAL COSTS	UNIT COST	QUANTITY	UNITS	COST
Direct:				
Pilot Program and Test Panel Construction	LS			\$60,000
Construction, Evaluation, & Monitoring				
Site Preparation (Pavement Demolition, Soil Tilling)	\$20	11,900	Square Feet	\$238,000
Soil Stabilization (Disc/Mix Cement Dust)	\$50	3,000	Cubic Yards	\$150,000
Storm Water Management During Stabilization	LS			\$120,000
Pavement Placement	\$4.00	11,900	LS	\$47,600
	SUBTOTAL	DIRECT COSTS:		\$615,600
Indirect:				
Engineering and Design @ 8.5% Capital Costs				\$52,326
Construction Monitoring, Reporting @ 5% Capital Costs				\$30,780
Contingency @ 20%				\$123,120
SUBTOTAL INDIRECT COSTS:				
	TOTAL C	APITAL COST:		\$821,826
Operation & Maintenance Costs:				
Annual GW Monitoring	\$7,500			
TOTAL ANNUAL O&M COST	: \$7,500			

TABLE 7B

COST ESTIMATE - ALTERNATIVE #4B SOIL STABILIZATION 100 PPM CLEAN UP GOAL

CAPITAL COSTS	UNIT COST	QUANTITY	UNITS	COST
Direct:				
Pilot Program and Test Panel Construction	LS			\$60,000
Construction, Evaluation, & Monitoring				
Site Preparation (Pavement Demolition, Soil Tilling)	\$20	20,100	Square Feet	\$402,000
Soil Stabilization (Disc/Mix Cement Dust)	\$50	4,500	Cubic Yards	\$225,000
Storm Water Management During Stabilization	LS			\$120,000
Pavement Placement	\$4.00	20,100	LS	\$80,400
	SUBTOTAL	DIRECT COSTS:		\$887,400
Indirect:				
Engineering and Design @ 8.5% Capital Costs				\$75,429
Construction Monitoring, Reporting @ 5% Capital Costs				\$44,370
Contingency @ 20%				\$177,480
	SUBTOTAL IN	DIRECT COSTS:		\$297,279
	TOTAL C	APITAL COST:		\$1,184,679
Operation & Maintenance Costs:				
Annual GW Monitoring	\$7,500			
TOTAL ANNUAL O&M COST	: \$7,500			

TABLE 7C

COST ESTIMATE - ALTERNATIVE #4C SOIL STABILIZATION 50 PPM CLEAN UP GOAL

CAPITAL COSTS	UNIT COST	QUANTITY	UNITS	COST
Direct:				
Pilot Program and Test Panel Construction	LS			\$60,000
Construction, Evaluation, & Monitoring				
Site Preparation (Pavement Demolition, Soil Tilling)	\$20	25,100	Sq Ft	\$502,000
Soil Stabilization (Disc/Mix Cement Dust)	\$50	4,800	Cubic Yards	\$240,000
Storm Water Management During Stabilization	LS			\$120,000
Pavement Placement	\$4.00	25,100	LS	\$100,400
	SUBTOTAL	DIRECT COSTS:		\$1,022,400
Indirect:				
Engineering and Design @ 8.5% Capital Costs				\$86,904
Construction Monitoring, Reporting @ 5% Capital Costs				\$51,120
Contingency @ 20%				\$204,480
	SUBTOTAL IN	DIRECT COSTS:		\$342,504
	TOTAL C	APITAL COST:		\$1,364,904
Operation & Maintenance Costs:				
Annual GW Monitoring	\$7,500			
TOTAL ANNUAL O&M COST	r: \$7,500			

TABLE 7D

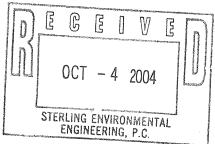
COST ESTIMATE - ALTERNATIVE #4D SOIL STABILIZATION 7.5 PPM CLEAN UP GOAL

CAPITAL COSTS	UNIT COST	QUANTITY	UNITS	COST
Direct:				
Pilot Program and Test Panel Construction	LS			\$60,000
Construction, Evaluation, & Monitoring				
Site Preparation (Pavement Demolition, Soil Tilling)	\$20	67,400	Sq Ft	\$1,348,000
Soil Stabilization (Disc/Mix Cement Dust)	\$50	7,200	Cubic Yards	\$360,000
Storm Water Management During Stabilization	LS			\$120,000
Pavement Placement	\$4	67,400	LS	\$269,600
	SUBTOTAL	DIRECT COSTS:		\$2,157,600
Indirect:				
Engineering and Design @ 8.5% Capital Costs				\$183,396
Construction Monitoring, Reporting @ 5% Capital Costs				\$107,880
Contingency @ 20%				\$431,520
	SUBTOTAL IN	DIRECT COSTS:		\$722,796
	TOTAL C	APITAL COST:		\$2,880,396
Operation & Maintenance Costs:	••••• •••			
Annual GW Monitoring \$7,500				
TOTAL ANNUAL O&M COST	: \$7,500			

APPENDIX 1

SOIL SAMPLING ANALYTICAL REPORTS





Thursday, September 30, 2004

Sterling Env. Engineering 24 Wade Road Latham NY 12110

Attention: Ms Liz Davis

Sample ID#: AF88494-88502

This laboratory is in compliance with the QA/QC procedure outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, and SW846 QA/QC requirements of procedures used.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Stille

Phyllis Shiller Laboratory Director

CT Lab Registration #PH-0618 MA Lab Registration #MA-CT-007 NY Lab Registration #11301 RI Lab Registration #63 NH Lab Registration #213693-A,B ME Lab Registration #CT-007 NJ Lab Registration #CT-003





Analysis R	leport
September 3	

FOR: Attn: Ms. Liz Davis Sterling Env. Engineering 24 Wade Road Latham, NY 12110

Sample Information

Matrix: SOIL Location Code: STERLING Rush Request: P.O.#: 21061

<u>Custody Information</u>		Date	<u>Time</u>
Collected by: I	D	09/23/04	14:10
Received by: I	KJΒ	09/24/04	10:45
Analyzed by: s	ee "Bv" below		

Laboratory Data

SDG I.D.: GAF88494 Phoenix I.D.: AF88494

Client ID: MIRON LUMBER S-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	5.72	1	mg/Kg	09/28/04		ЕК	6010/E200.7
Chromium	14	0.5	mg/Kg	09/28/04		EK	6010/E200.7
Copper	32.6	0.5	mg/Kg	09/28/04		EK	6010/E200.7
Percent Solid	79		%	09/27/04		K/E	E160.3
Total Metals Digest	Completed			09/27/04		X/Y	SW846 - 3050

Comments:

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director September 30, 2004





Time

14:15

10:45

Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040 Fax (860) 645-0823 Tel. (860) 645-1102

Analysis Report

September 30, 2004

FOR: Attn: Ms. Liz Davis Sterling Env. Engineering 24 Wade Road Latham, NY 12110

Sample Information

SOIL Matrix: **Location Code: STERLING Rush Request: P.O.#:** 21061

<u>Custody Infor</u>	<u>Date</u>	
Collected by:	LD	09/23/04
Received by:	KJB	09/24/04
Analyzed by:	see "By" below	

SDG I.D.: GAF88494 Phoenix I.D.: AF88495

Client ID: MIRON LUMBER S-2

Parameter	Result	RL	Units	Date Time	By	Reference
Arsenic	2.35	1	mg/Kg	09/28/04	EK	6010/E200.7
Chromium	5.44	0.5	mg/Kg	09/28/04	EK	6010/E200.7
Copper	11.6	0.5	mg/Kg	09/28/04	EK	6010/E200.7
Percent Solid	94		%	09/27/04	K/E	E160.3
Total Metals Digest	Completed			09/27/04	X/Y	SW846 - 3050

Laboratory Data

Comments:

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director September 30, 2004





Time

14:20

10:45

Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis	Report
----------	--------

FOR: Attn: Ms. Liz Davis Sterling Env. Engineering 24 Wade Road Latham, NY 12110

September 30, 2004

Samp	e Ir	form	ation
башр	E II	norma	alion

Matrix:SOILLocation Code:STERLINGRush Request:P.O.#:21061

Custody Information							
Collected by:	LD						
Received by:	KJB						
Analyzed by:	see "By" below						

SDG I.D.: GAF88494 Phoenix I.D.: AF88496

Date

09/23/04

09/24/04

Client ID: MIRON LUMBER S-3

Parameter	Result	RL	Units	Date Time	e By	Reference
Arsenic	6.91	1	mg/Kg	09/28/04	EK	6010/E200.7
Chromium	17	0.5	mg/Kg	09/28/04	EK	6010/E200.7
Copper	24.4	0.5	mg/Kg	09/28/04	EK	6010/E200.7
Percent Solid	91		%	09/27/04	K/E	E160.3
Total Metals Digest	Completed			09/24/04	AG	SW846 - 3050

Laboratory Data

Comments:

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director September 30, 2004





Analysis Report

September 30, 2004

FOR: Attn: Ms. Liz Davis Sterling Env. Engineering 24 Wade Road Latham, NY 12110

Sample Information

Matrix:SOILLocation Code:STERLINGRush Request:P.O.#:21061

Custody Information		Date	<u>Time</u>
Collected by:	LD	09/23/04	14:26
Received by:	KJB	09/24/04	10:45
Analyzed by:	see "By" below		

Laboratory Data

SDG I.D.: GAF88494 Phoenix I.D.: AF88497

Client ID: MIRON LUMBER S-4 Parameter Besult BL

Parameter	Result	RL	Units	Date Tim	e By	Reference
Arsenic	6.76	1	mg/Kg	09/28/04	EK	6010/E200.7
Chromium	13.8	0.5	mg/Kg	09/28/04	EK	6010/E200.7
Copper	21.5	0.5	mg/Kg	09/28/04	EK	6010/E200.7
Percent Solid	91		%	09/27/04	K/E	E160.3
Total Metals Digest	Completed			09/27/04	X/Y	SW846 - 3050

Comments:

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director September 30, 2004





Time

14:32

10:45

Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 30, 2004

FOR: Attn: Ms. Liz Davis Sterling Env. Engineering 24 Wade Road Latham, NY 12110

Sample Information

Matrix:SOILLocation Code:STERLINGRush Request:21061

Custody Infor	Date	
Collected by:	LD	09/23/04
Received by:	KJB	09/24/04
Analyzed by:	see "By" below	

SDG I.D.: GAF88494 Phoenix I.D.: AF88498

Client ID: MIRON LUMBER S-5

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	4.94	1	mg/Kg	09/28/04		EK	6010/E200.7
Chromium	8.73	0.5	mg/Kg	09/28/04		EK	6010/E200.7
Copper	35.7	0.5	mg/Kg	09/28/04		EK	6010/E200.7
Percent Solid	90		%	09/27/04		K/E	E160.3
Total Metals Digest	Completed		·	09/27/04		X/Y	SW846 - 3050

Laboratory Data

Comments:

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director September 30, 2004





Time

14:37

10:45

Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report September 30, 2004

FOR: Attn: Ms. Liz Davis Sterling Env. Engineering 24 Wade Road Latham, NY 12110

.

Sample InformationMatrix:SOILLocation Code:STERLINGRush Request:21061

<u>Custody Information</u>							
Collected by: LD							
Received by:	KJB						
Analyzed by:	see "By" below						

SDG I.D.: GAF88494 Phoenix I.D.: AF88499

Date

09/23/04

09/24/04

Client ID: MIRON LUMBER S-6

Parameter	Result	RL	Units	Date	Time By	Reference
Arsenic	15.8	1	mg/Kg	09/28/04	EK	6010/E200.7
Chromium	20.2	0.5	mg/Kg	09/28/04	EK	6010/E200.7
Copper	29.8	0.5	mg/Kg	09/28/04	EK	6010/E200.7
Percent Solid	94		%	09/27/04	K/E	E160.3
Total Metals Digest	Completed			09/27/04	\mathbf{X}/\mathbf{Y}	SW846 - 3050

Laboratory Data

<u>Comments:</u>

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director September 30, 2004





Analysis Report

September 30, 2004

FOR: Attn: Ms. Liz Davis Sterling Env. Engineering 24 Wade Road Latham, NY 12110

Sample Information

Matrix: SOIL **Location Code: STERLING Rush Request: P.O.#:** 21061

<u>Custody Infor</u>	Date	
Collected by:	LD	09/23/04
Received by:	KJB	09/24/04
Analyzed by:	see "By" below	

09/24/04 10:45

Time

14:40

Laboratory Data

SDG I.D.: GAF88494 Phoenix I.D.: AF88500

Client ID: MIRON LUMBER S-7

Parameter	Result	RL	Units	Date Tim	e By	Reference
Arsenic	4.59	1	mg/Kg	09/28/04	EK	6010/E200.7
Chromium	10.3	0.5	mg/Kg	09/28/04	EK	6010/E200.7
Copper	21.3	0.5	mg/Kg	09/28/04	EK	6010/E200.7
Percent Solid	95		%	09/27/04	K/E	E160.3
Total Metals Digest	Completed			09/27/04	X/Y	SW846 - 3050

Comments:

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director September 30, 2004





Analysis Report

FOR: Attn: Ms. Liz Davis Sterling Env. Engineering 24 Wade Road Latham, NY 12110

September 30, 2004

Sample Information

Custody InformationCollected by:LDReceived by:KJBAnalyzed by:see "By" below

09/24/04 10:45

Time

14:25

Date

09/23/04

Laboratory Data

SDG I.D.: GAF88494 Phoenix I.D.: AF88501

Client ID: MIRON LUMBER S-8

Parameter	Result	RL	Units	Date	Time	By	Reference
Arsenic	14.6	1	mg/Kg	09/28/04		ЕК	6010/E200.7
Chromium	13.7	0.5	mg/Kg	09/28/04		EK	6010/E200.7
Copper	22.2	0.5	mg/Kg	09/28/04		EK	6010/E200.7
Percent Solid	94		%	09/27/04		K/E	E160.3
Total Metals Digest	Completed			09/24/04		AG	SW846 - 3050

Comments:

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director September 30, 2004





Ana	lysis	Re	port
Se	ptembe	r 30,	2004

FOR: Attn: Ms. Liz Davis Sterling Env. Engineering 24 Wade Road Latham, NY 12110

Sample Information

Matrix:SOILLocation Code:STERLINGRush Request:P.O.#:21061

Custody InformationCollected by:LDReceived by:KJBAnalyzed by:see "By" below

 09/23/04
 14:00

 09/24/04
 10:45

<u>Time</u>

Date

Laboratory Data

SDG I.D.: GAF88494 Phoenix I.D.: AF88502

Client ID: MIRON LUMBER S-9

Parameter	Result	RL	Units	Date	Time	$\mathbf{B}\mathbf{y}$	Reference
Arsenic	5.31	1	mg/Kg	09/28/04		EK	6010/E200.7
Chromium	10.4	0.5	mg/Kg	09/28/04		EK	6010/E200.7
Copper	22.9	0.5	mg/Kg	09/28/04		EK	6010/E200.7
Percent Solid	91		%	09/27/04		K/E	E160.3
Total Metals Digest	Completed	×		09/24/04		AG	SW846 - 3050

Comments:

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director September 30, 2004





QA/QC Report September 30, 2004

September 30, 2004	QA/Q	<u>C Data</u>		SDG I.D.: GAF88494				
			Dup		MS Dup			
Parameter	Blank	Blank LCS %		MS Rec %	Rec %	RPD		
QA/QC Batch Sample No: AF88496 (AF8	8496, AF88501, A	AF88502)			an a			
ICP Metals - Soil								
Aluminum	BDL	116	11.6	NC	NC	NC		
Antimony	BDL	92.4	NC	0.4	1.30	105.9		
Arsenic	BDL	93.1	24.7	52.0	52.2	0.4		
Barium	BDL	102	3.30	55.6	56.9	2.3		
Beryllium	BDL	99.6	NC	53.2	54.9	3.1		
Boron	5.9		BDL		0.110	0.1		
Cadmium	BDL	98.0	NC	51.1	52.5	2.7		
Calcium	BDL		BDL		0200			
Chromium	BDL	102	1.60	55.0	54.7	0.5		
Cobalt	BDL	101	9.30	51.5	53.4	3.6		
Copper	BDL	102	3.30	55.5	55.1	0.7		
Iron	1.9	NC	2.40	NC	NC	NC		
Lead	BDL	98.0	4.70	48.5	52.3	7.5		
Magnesium	BDL		BDL		5210			
Manganese	BDL	105	3.80	-38.4	69.7	NC		
Molybdenum	BDL		BDL					
Nickel	BDL	99.6	0.8	48.8	51.7	5.8		
Phosphorus	BDL		BDL			0.0		
Potassium								
Selenium	BDL	90.1	NC	50.5	51.1	1.2		
Silver	BDL	96.5	NC	54.8	54.6	0.4		
Sodium					0 100			
Thallium	BDL	96.6	NC	50.2	51.4	2.4		
Tin	BDL		BDL		0101			
Vanadium	BDL	100	0.8	55.6	55.2	0.7		
Zinc	BDL	92.6	0.8	45.7	49.5	8.0		
A/QC Batch Sample No: AF88872 (AF88	3494 AF88495 A	F88497 AF8	8/08 ልፑና	8400 AF98500)				
<u>CP Metals - Soil</u>			0 100, \mathbf{H}°	001 <i>00,</i> AI 00000)				
Aluminum	-	92.1	1.60	NC	NC	NO		
Antimony	BDL	75.8	NC	57.4	NC 55.8	NC		
Arsenic	BDL	77.4	NC NC	57.4 69.0	55.8 67.8	2.8 1.8		

QA/QC Data

SDG I.D.: GAF88494

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
Barium	BDL	81.8	7.20	71.2	69.6	2.3
Beryllium	BDL	80.9	NC	71.0	70.6	0.6
Boron	BDL		BDL			
Cadmium	BDL	80.4	NC	69.5	68.3	1.7
Calcium	BDL		BDL			
Chromium	BDL	81.3	2.40	74.5	74.4	0.1
Cobalt	BDL	81.5	6.50	69.3	68.4	1.3
Copper	BDL	81.6	7.50	67.4	63.4	6.1
Iron	-	NC	8.30	NC	NC	NC
Lead	BDL	80.6	21.1	59.7	57.8	3.2
Magnesium	-		BDL			
Manganese	-	82.8	3.30	87.7	73.7	17.3
Molybdenum	BDL		BDL			
Nickel	BDL	81.5	11.9	67.1	66.4	1.0
Phosphorus	-		BDL			
Potassium			•			
Selenium	BDL	74.4	NC	66.6	65.7	1.4
Silver	0.7	89.4	NC	71.2	66.7	6.5
Sodium						
Thallium	BDL	79.3	NC	66.0	64.6	2.1
Tin	BDL		BDL			
Vanadium	BDL	80.2	0.9	71.7	69.3	3.4
Zinc	BDL	74.9	28.0	52.1	52.2	0.2

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

MS - Matrix Spike MS Dup - Matrix Spike Duplicate RPD - Relative Percent Difference LCS - Laboratory Control Sample

this

Phyllis Shiller, Laboratory Director September 30, 2004

Temp Pg of	Data Delivery (check one):	Format: Excel Pdf Gis Key	0: 21061	Phone #: 518 - 456 - 3532 Fax #: 518 - 456 - 3532	1 100 100 100 100 100 100 100 100 100 1		101 101 101 100 100 100 100 100 100 100										Is for CI Requirements for MA Iteria CW-1 Iteria CW-2 Iteria CW-2 Iteria CW-2 Iteria CW-2 Iteria CW-2 Iteria CW-2 Iteria CW-3 Iteria CW-3 Iteria S-1 Iteria S-2 Iteria S-3 Iteria Other
DY RECORD	70, Manchester, CT 06040 Fax (860) 645-0823	0) 645-8726	Lumber	SIND			20 20 20 20 20 20 20 20 20 20 20 20 20 2					and a construction of the second seco	, vigto				Turnaround: Requirements for CT 1 Day* Res. Criteria 2 Days* CW Protection 3 Days* CM Mobility Standard CB Mobility Other SW Protection Nucharge Applies Ind. Vol.
CHAIN OF CUSTODY RECORD		Client Services (860) 645-8726	Ś	Invoice to:	Analysis	A CAN INCOMENT	Time Sampled	┝──┤	1:15 V	/4:20 V		4:37	<u> </u>	25	00		9124/64 10:43 9124/64 10:43 15+ be semptit
		rcs, 111C.	1. End.	12110	ation - Identification $9/7_{-}$		Date ampled	9/23/04	<u> </u>	×		14:37	af: 41	14:23	V 14:00		Accepted by: A A 9 Da with by A 9 Da nic, Copper, Chramium t for Arsenic Must 1 7.5 ppm
	PHOENIX S		Customer: Sterling Env		Client Sample - Information - Identification	ode: bde: ing water WW=wastew indwater SL=sludge		1-S 151720		N.	×12-1 5-4	88499 S-6	· · · · · · · · · · · · · · · · · · ·	88501 5-8	6-5 CO		Relinquished by: Kiz Nauuis MAA Comments, Special Requirements or Regulations: Ma Halls - Arzenic, C Ma Halls - Arzenic, C Ma Halls - Arzenic, C

APPENDIX 2

GROUNDWATER SAMPLING ANALYTICAL REPORTS

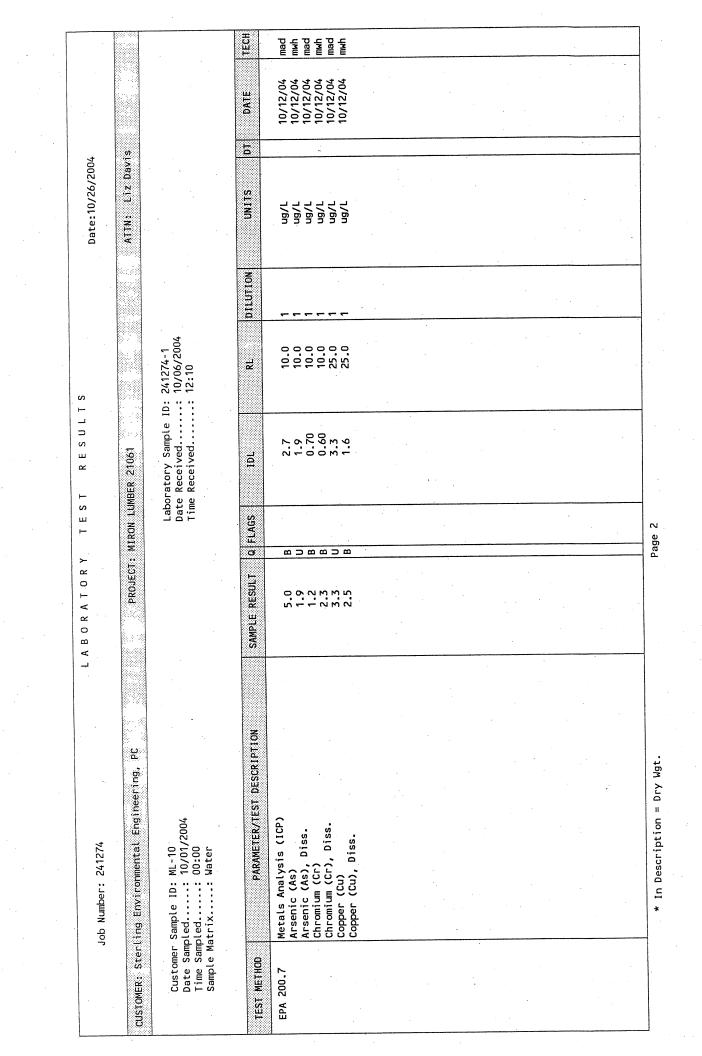
SAMPLE DATA SUMMARY PACKAGE

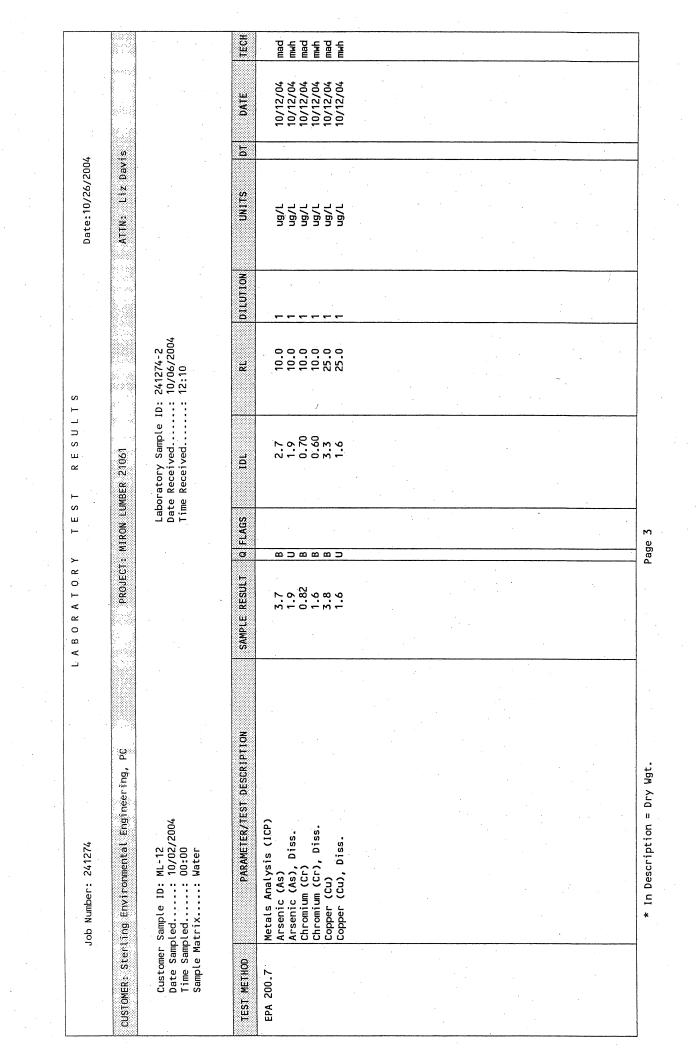
Sterling Environmental Engineering Latham, NY Project: Miron Lumber 21061 STL Lab. #: 241274 Matrix: Water 1 of 1

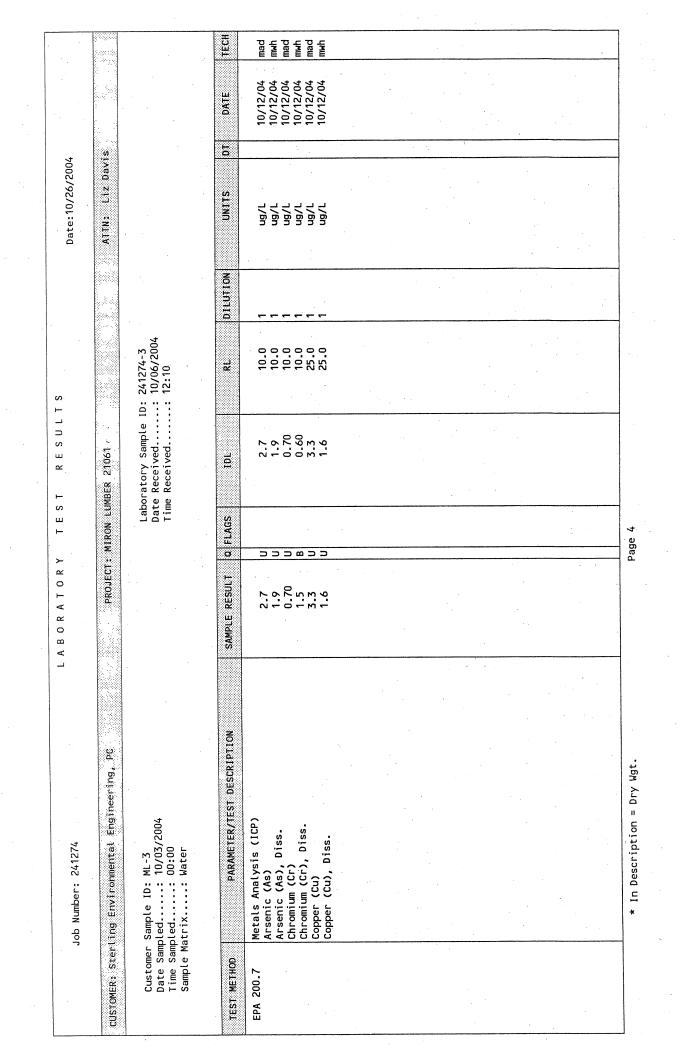


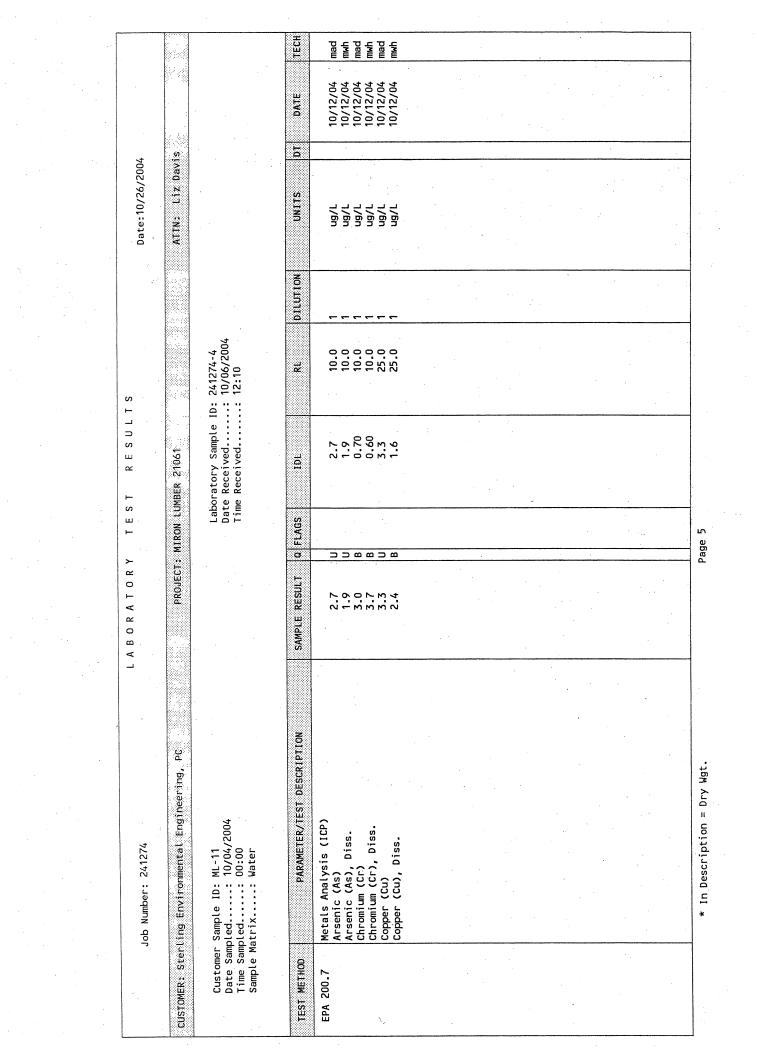
STL Newburgh is a part of Severn Trent Laboratories, Inc.

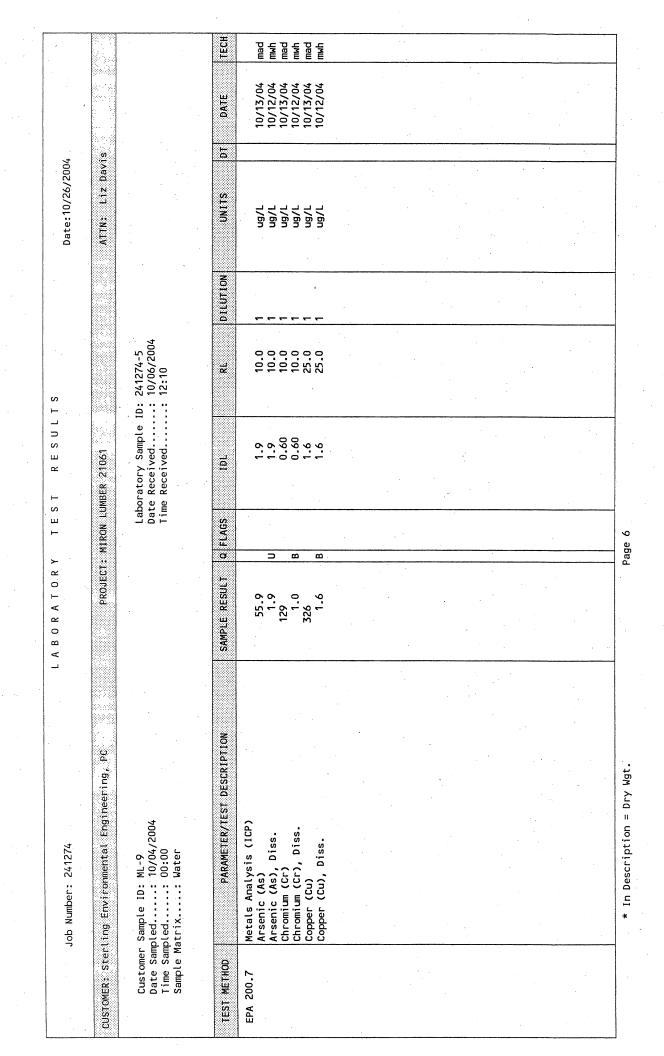
PA 68-378

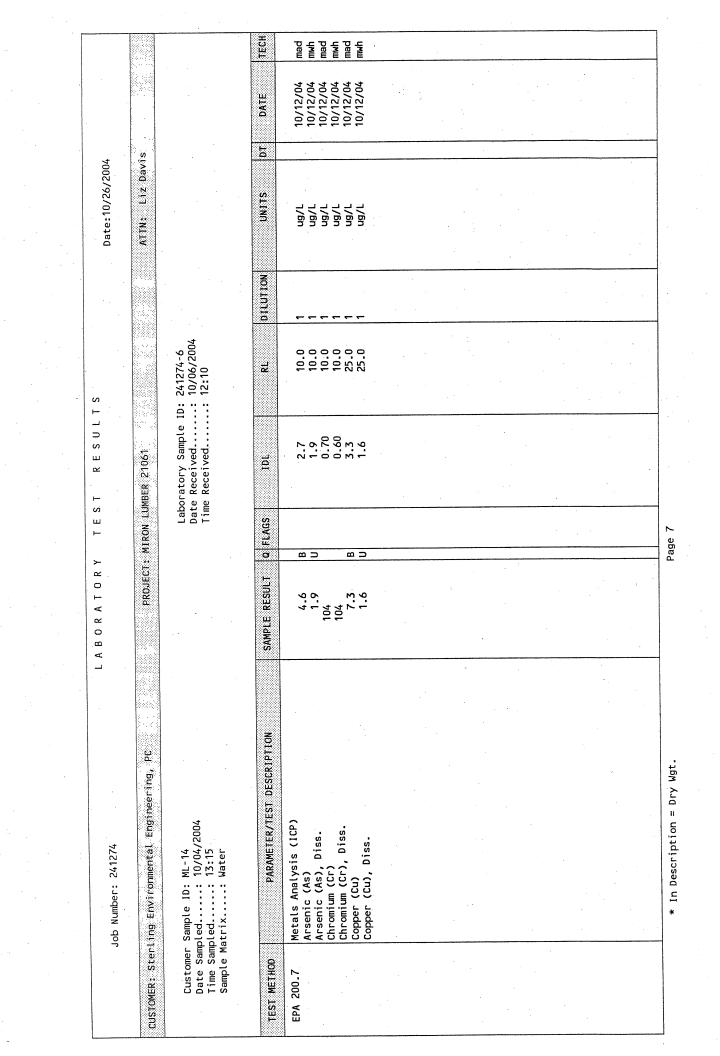


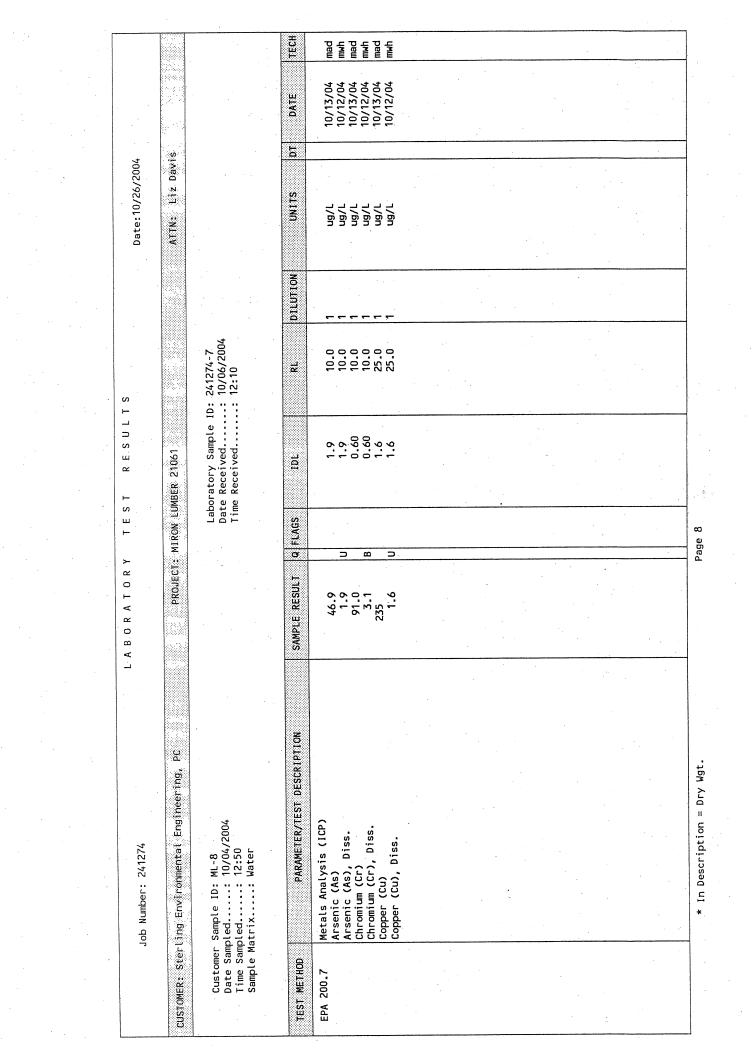


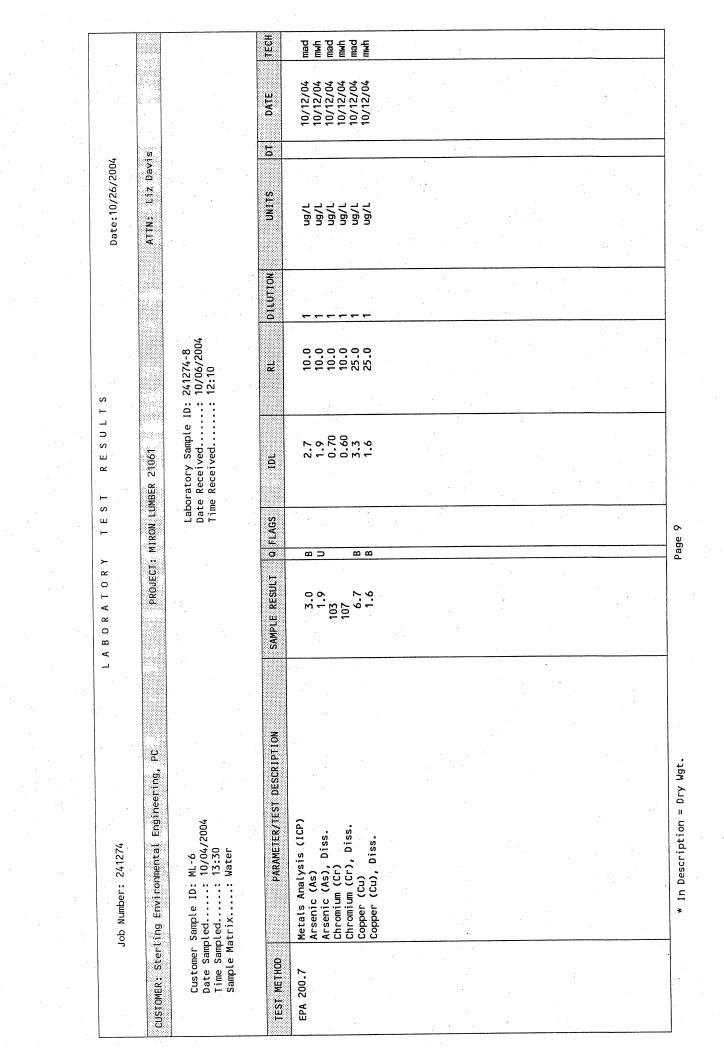


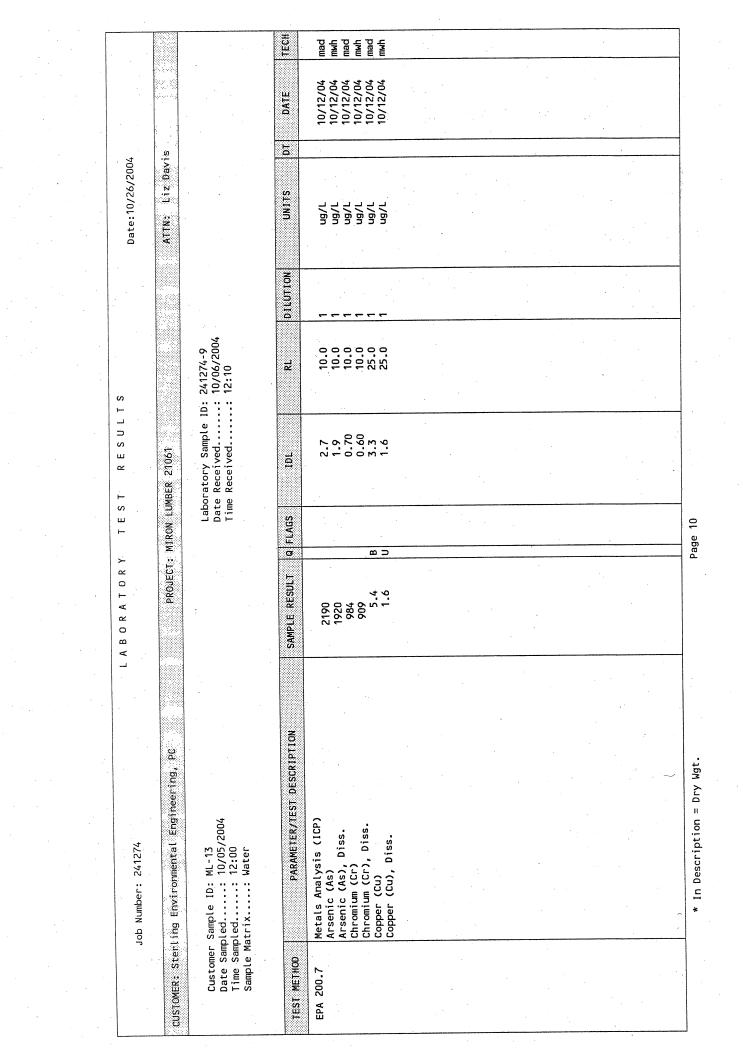


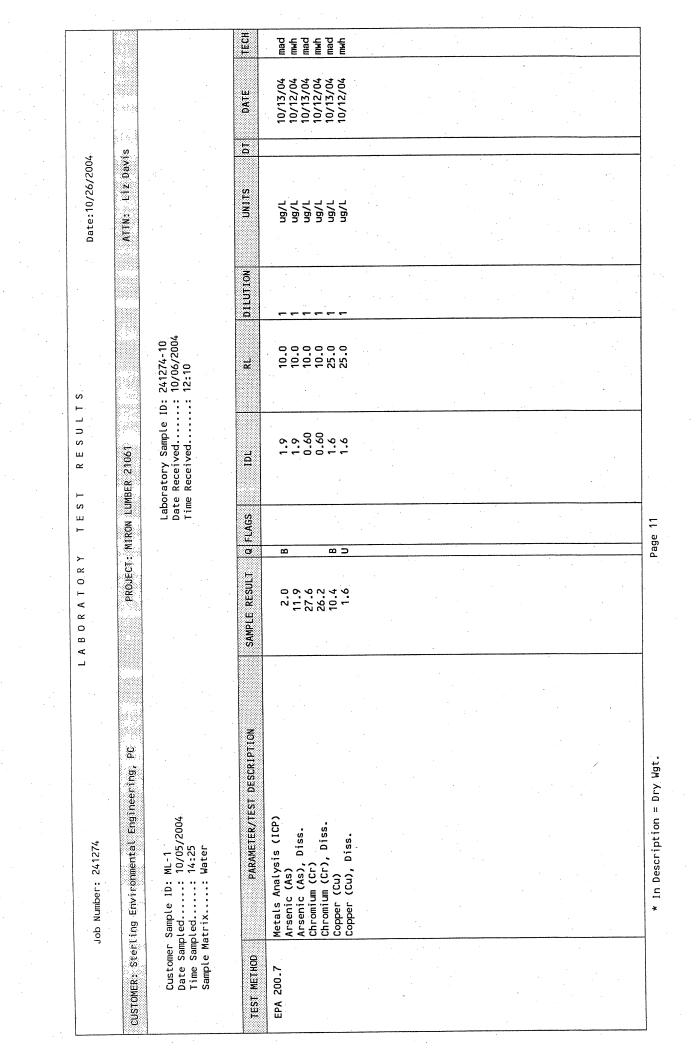




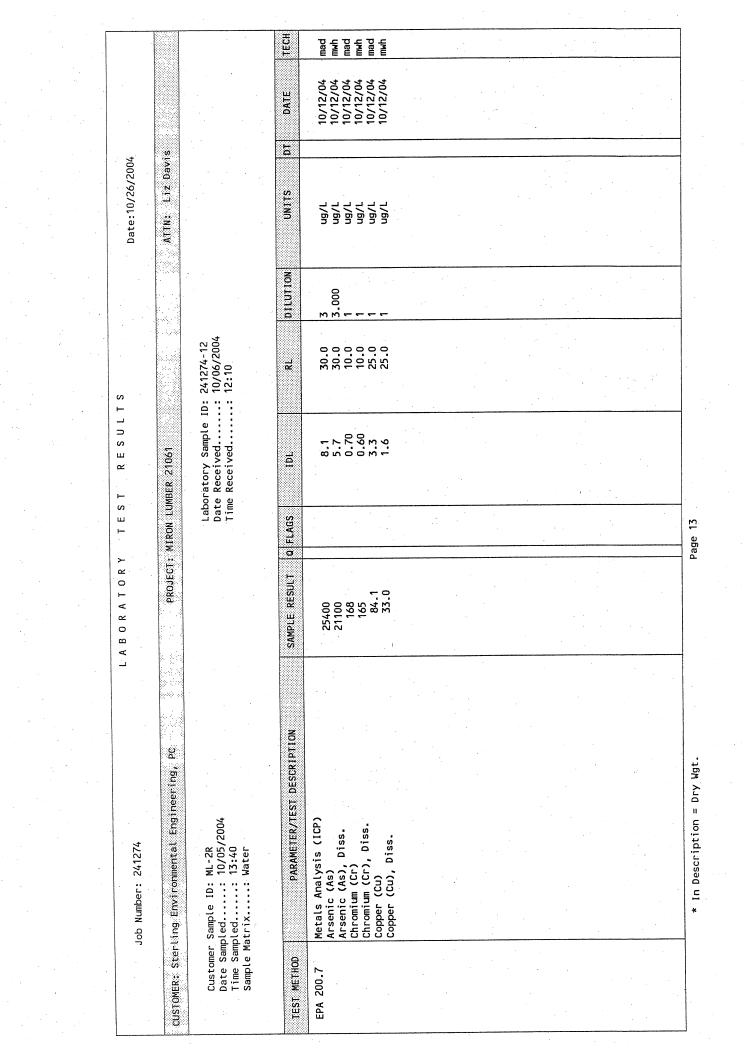


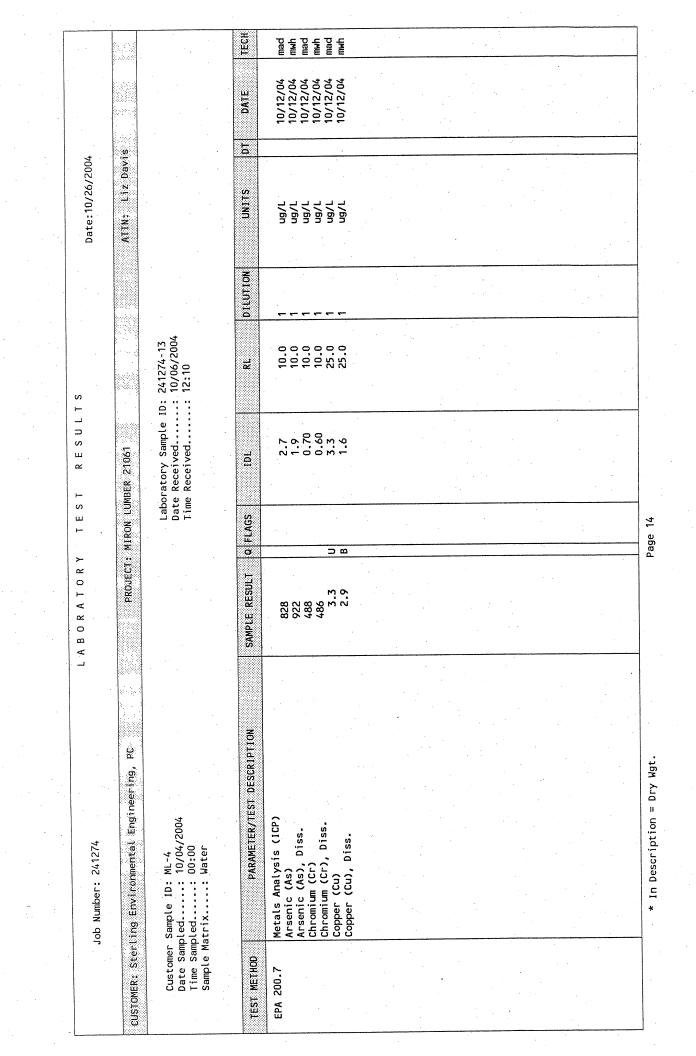


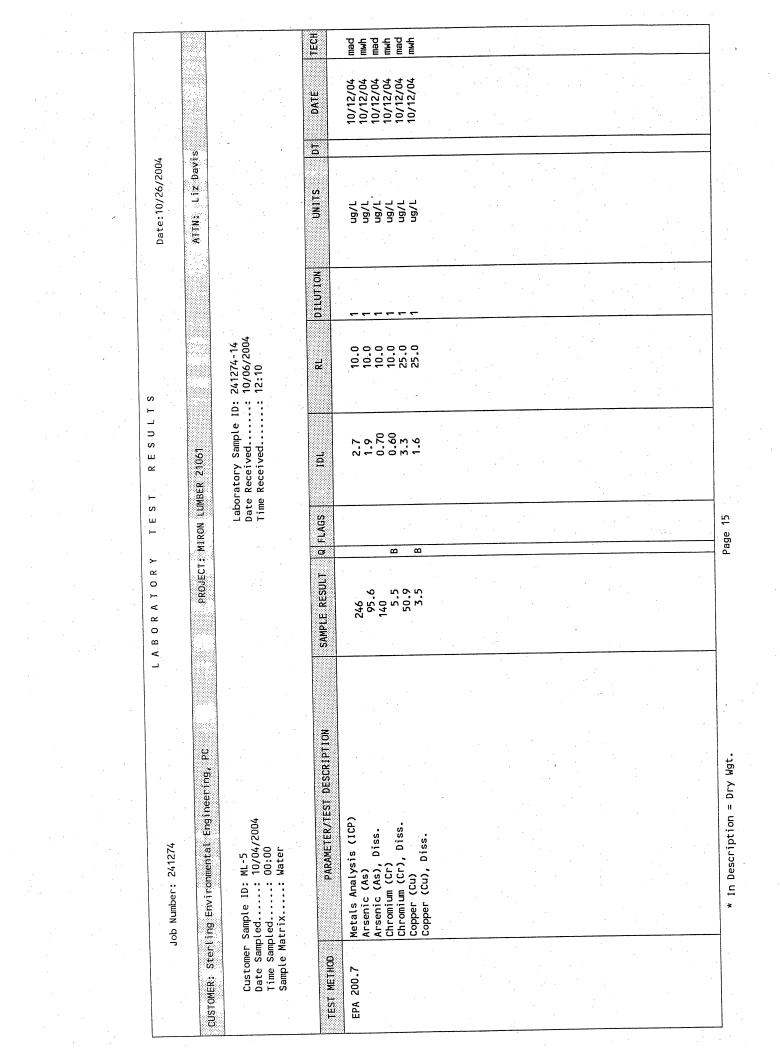




TECH mad mad mad mad 10/12/04 10/12/04 10/12/04 10/12/04 10/12/04 DATE 61 ATTN: Liz Davis Date:10/26/2004 UNITS 1/6n 1/6n 1/6n 1/6n DILUTION Laboratory Sample ID: 241274-11 Date Received...... 10/06/2004 Time Received...... 12:10 10.0 10.0 10.0 25.0 25.0 R ŝ . ÷ ESULT 2.7 1.9 0.70 3.3 1.6 PROJECT: MIRON LUMBER 21061 IDL ۲ ⊢-S ш Page 12 Q FLAGS ----______ LABORATORY SAMPLE RESULT 6.1 1.6 1.8 3.3 1.8 PARAMETER/TEST DESCRIPTION CUSTOMER: Sterling Environmental Engineering, PC * In Description = Dry Wgt. Customer Sample ID: Equip. Blank Date Sampled...... 10/05/2004 Time Sampled...... 14:25 Sample Matrix..... Water Arsenic (As) Arsenic (As), Diss. Chromium (Cr) Copper (Cu) Copper (Cu), Diss. Metals Analysis (ICP) Job Number: 241274 TEST METHOD EPA 200.7







6	
DUPLICATES	

Lab Name: STL Newburgh	Contract:		ML-2RD
Lab Code: <u>10142</u> Case No.:	SAS No.:	SI	DG No.:
Matrix (soil/water): <u>Water</u>		Level (lov	w/med):

% Solids for Sample: _

% Solids for Duplicate:

EPA SAMPLE NO.

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Analyte	Limit	Sample (S) C	Duplicate (D) C RPD Q	М
Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	 	<u>25404.1465</u> <u>167.7066</u> <u>84.1420</u> 	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	NR P NR P NR P NR NR
				- - -

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M-NY049

DUPI	6 EPA SAMPLE NO
Lab Name: STL Newburgh	Contract:
Lab Code: <u>10142</u> Case No.:	SAS No.: SDG No.:
Matrix (soil/water): <u>Water</u>	Level (low/med):
% Solids for Sample:	<pre>% Solids for Duplicate:</pre>

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Analyte	Limit	Sample (S) C	7 .	Duplicate (D)	C	RPD	Q	M
Aluminum Arsenic Calcium	· · · · · · · · · · · · · · · · · · ·	21139.4871	-	20765.6990		1.8	- - -	$\frac{\overline{NR}}{P}$ NR
Chromium Copper Iron	25.0	<u>164.7524</u> <u>33.0098</u>		161.0553 31.8490		2.3 3.6		$\frac{R}{N}$ \frac{R}
Magnesium			-					<u>NR</u>
			-				-	
			-		-		-	
			_				-	
	·		-		·		- -	
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NYSDOH 10142

5A SPIKE SAMPLE RECOVERY EPA SAMPLE NO.

ML-2RS	

Lab Name: STL Newburgh

Lab Code: <u>10142</u> Case No.: _____

Contract:

SAS No.:

SDG No.: _

Level (low/med):

Matrix (soil/water): <u>Water</u>

% Solids for Sample: ____

Concentration Units (ug/L or mg/Kg dry weight): ug/L

		1		· ·			.
	a						
	Control		G =] =	Spike			1
	Limit	Spiked Sample	Sample	DPIRC)	۵ Г		
	%R	Result (SSR) C	Result (SR) C	Added (SA)	. %R	Q.	M
Analyte	76	REBUIC (DBR) C					1
	·						NTD
Aluminum		· · ·					INR
			25404.1465	40.00	718.1		P
Arsenic		25691.3827				-	NTR
Calcium							1111
		335.9295	167.7066	200.00	84.1		$\frac{NR}{P} \frac{R}{NR} \frac{R}{P} \frac{R}{P} \frac{R}{NR}$
Chromium	75-125		84.1420	250.00	83.8	— ·	P
Copper	75-125	293.5804	84.1420	230.00			
				<u> </u>		_	NK
Iron							NR
Magnesium			·			-	
						-	
1.00			·			-	
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Comments:

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EPA NY049 NJDEP 73015 CTDOHS PH-0554

PA 68-378

M-NY049

5A SPIKE SAMPLE RECOVERY EPA SAMPLE NO.

ML-2RS	

SDG No.:

Lab Name:STL NewburghContract:Lab Code:10142Case No.:SAS No.:Matrix (soil/water):Water_

Level (low/med):

% Solids for Sample: _

Concentration Units (ug/L or mg/Kg dry weight): ug/L

	Control					
Analyte	Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R Ç	2 M
Aluminum Arsenic Calcium		21168.9245	 	<u> </u>		NR P NR P P NR P NR
Chromium Copper Iron	<u>75-125</u> <u>75-125</u>	<u>388.6733</u> <u>297.6551</u>	33.0098	250.00	105.8	
Magnesium						<u>NR</u>
· · · · · · · · · · · · · · · · · · ·						-
· · · · · · · · · · · · · · · · · · ·				-		
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Comments:

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3 BLANKS

Lab Name:	STL Newl	ourgh	Cc	ontract:			
Lab Code:	10142	Case No.:	SA	AS No.: _			SDG No.: _
Preparatio	on Blank	Matrix (soil/	water): <u>w</u>	vater	-		• •
Preparatio	on Blank	Concentration	Units (u	ıg/L or m	g/kg): j	ug/L	

Initial Continuing Calibration Prepa-Calib. ration Blank (ug/L) Blank C С Blank Μ 3 1. 2 Ć (ug/L)С С Analyte Ρ 38.4 ប 38.4 Ū 38.4 U 38.4 Aluminum B U 2.7 Ū 5.1 3.6 2.7 2.7 Arsenic В 513.6 B U 507.4 519.3 0.7 540.8 Calcium บีบ 0.7 0.7 Ū 0.7 Chromium Ū 3.3 3.3 3.3 3.3 Ū 3.3 Copper P Ū 18.9 18.9 18.9 18.9 Iron P 11.7 15.6 Β 11.7 11.7 Magnesium ----------..... ____ --------____ ____ ----____ ---------____ ____ . ____ ___ -----. ____ ----_ ----____ ____ ____ ____ ____ ____ ____ ____ ____ ____ -----____ ----------____ ----

FORM III - IN

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3 BLANKS

Lab Name:	STL New	ourgh	Contract:	
Lab Code:	10142_	Case No.:	SAS No.:	SDG No.:
Preparatio	on Blank	Matrix (soil/	'water):	
Prenaratio	on Blank	Concentration	Units (ug/L or mg/kg):	

Analyte	Initial Calib. Blank (ug/L) C	Contin B 1 C	nuing Calibr lank (ug/L) 2 C	cation 3 C	Prepa- ration Blank C	M
Aluminum Arsenic Calcium Chromium Copper		30.4 3.3 451.4 0.7 U 3.3 U 18.9 U				
Iron Magnesium						

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ILM04.0

3 BLANKS

Lab Name:	STL New	burgh	Contract:	
Lab Code:	10142	Case No.:	SAS No.:	SDG No.:
Preparatio	on Blank	Matrix (soil/	/water):	
Preparatio	on Blank	Concentratior	n Units (ug/L or mg/kg	,) :

Analyte	Initial Calib. Blank (ug/L) C	Blank (ug/L) rat	epa- tion lank C I	M
Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	18.2 U 1.9 U 276.4 B 1.4 B 1.7 B 16.8 U 33.6 B	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		

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NYSDOH 10142

NJDEP 73015

ILM04.0

EPA NY049

PA 68-378

M-NY049

CTDOHS PH-0554

3 BLANKS

 Lab Name: STL Newburgh
 Contract: _____

 Lab Code: 10142
 Case No.: _____
 SAS No.: _____
 SDG No.: _

 Preparation Blank Matrix (soil/water): _____
 Preparation Blank Concentration Units (ug/L or mg/kg): _____
 SDG No.: _

						· [
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	Initial						· ·
	Calib.	Conti	nuing Calibra	ation	Prepa-		
		D. D.	lank (ug/L)		ration		
	Blank				Blank	cl	M
Analyte	(ug/L) C	1 1 C	2 C	3 C	BLAIK	4	1.141
		442.1	I I I I			-1	P
Aluminum		442.1				-	D
Arsenic		<u>4.4 B</u>				_	<u>-</u>
Calcium		4.4 698.5 1.3 1.6 U					
		1 3 B			· · ·	·	P
Chromium		<u> </u>	· -= -= -=			-	P
Copper		1.6 0					1-
Iron		<u> </u>				_	<u>P</u>
Magnogium		491.9 B					P
Magnesium	—						
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FORM III - IN

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U. S. EPA - CLP 3 BLANKS

Lab Name:	STL Newk	ourgh	C	Contract:			
Lab Code:	10142	Case No.:	S	SAS No.: _		SDG	No.:
Preparatio	on Blank	Matrix (soil	/water):				
Preparatio	on Blank	Concentratio	on Units	(ug/L or r	mg/kg):		

Analyte	Initial Calib. Blank (ug/L) C	Continuing Calibration Blank (ug/L) 1 C 2 C 3 C Blank C	
Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	-39.3 2.0 B 247.7 B 1.3 B 1.6 U 16.8 U 31.2 B	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	
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NJDEP 73015

NYSDOH 10142

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3 BLANKS

Lab Name: STL Newburgh	Contract:	
Lab Code: <u>10142</u> Case No.:	SAS No.:	SDG No.:
Preparation Blank Matrix (soil/w	vater):	
Preparation Blank Concentration	Units (ug/L or mg/kg):	

Analyte	Initial Calib. Blank (ug/L) C	Continuing Calibration Blank (ug/L) 1 C 2 C 3 C Blank C	М
Aluminum Arsenic Calcium Chromium Copper Iron		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
Magnesium 			

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NJDEP 73015

EPA NY049

Sterling Environmental Engineering Latham, NY Project: Miron Lumber 21061 STL Lab. # 241274 Matrix: Water

1 of 1



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Tel: 845 562 0890 Fax: 845 562 0841 www.stl-inc.com

10/26/2004

Sterling Environmental Engineering, PC 24 Wade Road Latham, NY 12110

Attn: Liz Davis

SUBJECT: Case Narrative, Miron Lumber 21061, STL Job Number 241274.

Dear Liz Davis:

Enclosed are the analytical results for the Miron Lumber 21061 project. The samples were received on 10/06/2004. The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. The reports were completed according to contract specific reporting requirements.

Any exceptions to NELAP requirements are noted in the attached case narrative. The case narrative is an integral part of this report.

I certify that this package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release has been authorized by the Laboratory Director or her designee, as verified by the following signature.

STL NEWBURGH

Patricia Chanv Laboratory Director

000001

<u>CASE NARRATIVE</u> <u>Client:</u> Sterling Environmental Engineering <u>Date:</u> 10/26/04 <u>STL Lab No.</u> 241274 Page 1 of 1

Inorganics

ICP

Sample Dilutions

The following samples were diluted for arsenic at the indicated amount and reanalyzed due to the presence of arsenic in the undiluted samples at concentrations above the linear range of the instrument:

ML-2R (241274-12): 3x ML-2RMD (241274-12MD): 3x ML-2RMS (241274-12MS): 3x ML-2RL (241274-12L): 3x

Dissolved metals

Due to turbidity results less than 1.0, the samples in laboratory number 241274 being analyzed for dissolved metals did not require digestion.

000002

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S	AMPLE INFORMATION Date: 10/26/2004	
Job Number.: 241274 Customer: Sterling Environmental Engineer Attn: Liz Davis	Project Number 20000865 ring, PC Customer Project ID: MIRON LUMBER 21061 Project Description: Wheelabrator 22042	~

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
241274-1	ML-10	Water	10/01/2004	00:00	10/06/2004	12:10
241274-2	ML-12	Water	10/02/2004	00:00	10/06/2004	12:10
241274-3	ML-3	Water	10/03/2004	00:00	10/06/2004	12:10
241274-4	ML-11	Water	10/04/2004	00:00	10/06/2004	12:10
241274-5	ML-9	Water	10/04/2004	00:00	10/06/2004	12:10
241274-6	ML-14	Water	10/04/2004	13:15	10/06/2004	12:10
241274-7	ML-8	Water	10/04/2004	12:50	10/06/2004	12:10
241274-8	ML-6	Water	10/04/2004	13:30	10/06/2004	12:10
241274-9	ML-13	Water	10/05/2004	12:00	10/06/2004	12:10
ິ 241274-10	ML-1	Water	10/05/2004	14:25	10/06/2004	12:10
241274-11	Equip. Blank	Water	10/05/2004	14:25	10/06/2004	12:10
241274-12	ML-2R	Water	10/05/2004	13:40	10/06/2004	12:10
241274-13	ML - 4	Water	10/04/2004	00:00	10/06/2004	12:10
241274-14	ML-5	Water	10/04/2004	00:00	10/06/2004	12:10
		ba aga Severn Tre		0000	~~	

SEVERN STL NYSDOH 10142

NJDEP 73015

M-NY049

315 Fullerton Avenue Newburgh, NY 12550 Tel (845) 562-0890 Fax (845) 562-0841

CUSTOMER: Sterlin	g Environmental Engineering, PC PROJ	ECT: MIRON	LUMBER 2	1061		ATTN: Liz Davis	
Lab ID: 241274-1	Client ID: ML-10	Date Re		06/2004	Sample	Date: 10/01/2004	
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT		DATE/TIME ANALYZED	DILUTIO
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	76962			10/07/2004 1030	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	77096			10/11/2004 1000	
EPA 200.7	Metals Analysis (ICP)	1	77400			10/12/2004 1156	
EPA 200.7	Metals Analysis (ICP)	1	77408	76962		10/12/2004 1620	
QA Services	Quality Assurance Services	1	78173				
ab ID: 241274-2	Client ID: ML-12	Date Re	cvd: 10/	06/2004	Sample	Date: 10/02/2004	
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTIO
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	76962			10/07/2004 1030	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	77096	1		10/11/2004 1000	
EPA 200.7	Metals Analysis (ICP)	1	77400			10/12/2004 1200	
EPA 200.7	Metals Analysis (ICP)	1	77408	76962		10/12/2004 1625	
QA Services	Quality Assurance Services	1	78173				
ab ID: 241274-3	Client ID: ML-3			06/2004		Date: 10/03/2004	
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTIO
EPA 200.7	Acid Digestion,Total Recoverable(ICAP)	1	76962			10/07/2004 1030	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	77096			10/11/2004 1000	
EPA 200.7	Metals Analysis (ICP)	1	77400			10/12/2004 1204	
EPA 200.7	Metals Analysis (ICP)	1	77408	76962		10/12/2004 1629	
QA Services	Quality Assurance Services	1	78173				
ab ID: 241274-4	Client ID: ML-11	Date Re	cvd: 10/	06/2004	Sample	Date: 10/04/2004	
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT		DATE/TIME ANALYZED	DILUTIC
EPA 200.7	Acid Digestion,Total Recoverable(ICAP)	1	76962			10/07/2004 1030	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	77096			10/11/2004 1000	
EPA 200.7	Metals Analysis (ICP)	1	77400			10/12/2004 1208	
EPA 200.7	Metals Analysis (ICP)	1	77408	76962		10/12/2004 1633	
QA Services	Quality Assurance Services	1	78173				
ab ID: 241274-5	Client ID: ML-9		cvd: 10/			Date: 10/04/2004	
METHOD	DESCRIPTION			PREP BT	#(S)	DATE/TIME ANALYZED	DILUTIO
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	76962			10/07/2004 1030	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	77096			10/11/2004 1000	
EPA 200.7	Metals Analysis (ICP)	1	77400			10/12/2004 1212	
EPA 200.7	Metals Analysis (ICP)	1	77571	76962		10/13/2004 1602	
QA Services	Quality Assurance Services	1	78173				
ab ID: 241274-6	Client ID: ML-14		cvd: 10/	-		Date: 10/04/2004	
METHOD	DESCRIPTION	RUN#		PREP BT	#(S)	DATE/TIME ANALYZED	DILUTIC
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	76962			10/07/2004 1030	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	77096			10/11/2004 1000	
EPA 200.7	Metals Analysis (ICP)	1	77400			10/12/2004 1216	
EPA 200.7 QA Services	Metals Analysis (ICP) Quality Assurance Services	1	77408 78173	76962		10/12/2004 1641	
	, ,				. .		
ab ID: 241274-7 METHOD	Client ID: ML-8 DESCRIPTION		cvd: 10/	06/2004 PREP BT		Date: 10/04/2004 DATE/TIME ANALYZED	DILUTIO
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1 KON#	76962	TALF DI	#(3)	10/07/2004 1030	DILUTIO
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	77096			10/11/2004 1030	
EPA 200.7	Metals Analysis (ICP)	1	77400			10/12/2004 1220	
EPA 200.7	Metals Analysis (ICP)	i	77571	76962		10/13/2004 1603	
QA Services	Quality Assurance Services	1	78173				
ab ID: 241274-8	Client ID: ML-6	Date Pe	cvd: 10/	06/2004	Sample	Date: 10/04/2004	
METHOD	DESCRIPTION			PREP BT		DATE/TIME ANALYZED	DILUTIO
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	76962	INCE DI	<i>m</i> (3)	10/07/2004 1030	DILOTIO

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CTDOHS PH-0554

EPA NY049

PA 68-378

USTOMER: Sterling	Environmental Engineering, PC PROJE	CT: MIRON	LUMBER 2	1061	, 	ATTN: Liz Davis	
ab ID: 241274-8	Client ID: ML-6			06/2004		Date: 10/04/2004	DIUITIO
METHOD	DESCRIPTION			PREP BT	#(5)	DATE/TIME ANALYZED 10/11/2004 1000	DILUTIO
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	77096 77400			10/11/2004 1000 10/12/2004 1225	
	Metals Analysis (ICP)	1 1	77400	76962		10/12/2004 1223	
EPA 200.7 QA Services	Metals Analysis (ICP) Quality Assurance Services	1	78173	10902		10/12/2004 1050	
			•				
ab ID: 241274-9	Client ID: ML-13			06/2004		Date: 10/05/2004	
METHOD	DESCRIPTION			PREP BT	#(S)	DATE/TIME ANALYZED	DILUTIO
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	76962			10/07/2004 1030	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	77096			10/11/2004 1000	
EPA 200.7	Metals Analysis (ICP)	1	77400			10/12/2004 1229	
EPA 200.7	Metals Analysis (ICP)	1	77408	76962		10/12/2004 1711	
QA Services	Quality Assurance Services	1	78173				
_ab ID: 241274-10	Client ID: ML-1	Date Re	cvd: 10/	06/2004	Sample	Date: 10/05/2004	
METHOD	DESCRIPTION			PREP BT		DATE/TIME ANALYZED	DILUTIO
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	76962			10/07/2004 1030	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	77096			10/11/2004 1000	
EPA 200.7	Metals Analysis (ICP)	1	77400			10/12/2004 1233	
EPA 200.7	Metals Analysis (ICP)	1	77571	76962		10/13/2004 1603	
QA Services	Quality Assurance Services	1	78173				
ab ID: 241274-11	Client ID: Equip. Blank	Date Re	cvd: 10/	06/2004	Sample	Date: 10/05/2004	
METHOD	DESCRIPTION		-	PREP BT	•	DATE/TIME ANALYZED	DILUTIO
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	76962	I KEI DI	"(0)	10/07/2004 1030	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	77096			10/11/2004 1000	
EPA 200.7	Metals Analysis (ICP)	1	77400			10/12/2004 1249	
EPA 200.7	Metals Analysis (ICP)	1	77408	76962		10/12/2004 1720	
QA Services	Quality Assurance Services	1	78173				
Lab ID: 241274-12	Client ID: ML-2R	Data Pa	cvd: 10/	06/2004	Sample	Date: 10/05/2004	
METHOD	DESCRIPTION			PREP BT		DATE/TIME ANALYZED	DILUTIO
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	76962	The Di	"(0)	10/07/2004 1030	
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	77096			10/11/2004 1000	
EPA 200.7	Metals Analysis (ICP)	1	77400			10/12/2004 1253	
EPA 200.7	Metals Analysis (ICP)	1	77400			10/12/2004 1416	3.000
EPA 200.7	Metals Analysis (ICP)	1	77408	76962		10/12/2004 1724	
EPA 200.7	Metals Analysis (ICP)	1	77408	76962		10/12/2004 1801	3
QA Services	Quality Assurance Services	1	78173				
		Data Da		04 (200)	Comple	Date: 10/04/2004	
	Client ID: ML-4	RUN#	cvd: 10/ BATCH#	PREP BT		DATE/TIME ANALYZED	DILUTIC
METHOD	DESCRIPTION Acid Digestion,Total Recoverable(ICAP)	1	76962	FREP DI	#(3)	10/07/2004 1030	DILOTIO
EPA 200.7 EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	77096			10/11/2004 1000	
EPA 200.7 EPA 200.7	Metals Analysis (ICP)	1	77400			10/12/2004 1309	
EPA 200.7	Metals Analysis (ICP)	1	77408	76962		10/12/2004 1818	
QA Services	Quality Assurance Services	1	78173				
		.		04 (2004	0 I	Datas 10 (0/ /200/	
Lab ID: 241274-14	Client ID: ML-5 DESCRIPTION		cvd: 10/	PREP BT		Date: 10/04/2004 DATE/TIME ANALYZED	DILUTIC
METHOD EPA 200.7	DESCRIPTION Acid Digestion, Total Recoverable(ICAP)	RUN#	76962	FREF DI	#(3)	10/07/2004 1030	DILUTIC
EPA 200.7 EPA 200.7	Acid Digestion, Total Recoverable(ICAP) Acid Digestion, Total Recoverable(ICAP)	1	77096			10/11/2004 1000	
EPA 200.7 EPA 200.7	Metals Analysis (ICP)	1	77400			10/12/2004 1313	
EPA 200.7 EPA 200.7	Metals Analysis (ICP)	1	77408	76962		10/12/2004 1823	
QA Services	Quality Assurance Services	1	78173			······································	
,							

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- THE ANALYTICAL METHODS MAY UTILIZE ONE OR MORE OF THE FOLLOWING REFERENCES:
- "Methods for Chemical Analysis of Water and Wastewater", EPA-600/4-79-020, March 1983
- "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992
- Atomic Absorption Furnace Technique
- "Test Methods for Evaluating Solid Waste", USEPA-SW846, Third Edition, September 1986 with all current revisions.
- "Standard Methods for the Examination of Water and Wastewater", 17th Edition, 1989.
- HACH8000 1979 Handbook
- "New York State Department of Environmental Conservation Analytical Services Protocol, Vol.2, October 1995.
- "Determination of Cyanide" (Macro Distillation Method in Waters), QUIK CHEM Method 10-204-00-1-A, Karin Wendt, Revised June 6, 1996, Lachat Instruments, Milwaukee, Wi. 53218
- "Determination of Nitrate/Nitrite in Surface and Wastewaters by Flow Injection Analysis", QUICK CHEM Method 10-107041A, Karin Wendt, Revised June 24, 1997, Zellweger Analytics, Milwaukee, Wi. 53218
- "Determination of Total Recoverable Phenols by Flow Injection Analysis Colorimetry", QUIK CHEM Method 10-210-00-1-A, Ninglan Liao, Revised August 6, 1996, Lachat Instruments, Milwaukee, Wi. 53218.

"Determination of Nitrogen, Total Kjeldahl by Flow Injection Analysis Colorimetry" QUIK CHEM Method 10-107-06-2-D, Kevin Switala, Revised October 7, 1997, Lachat Instruments, Milwaukee, Wi 53218.

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PA 68-378

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SEVERN STL		CHAIN OF CUSTODY		Page lof 2	315 Fullerton Avenue Newburgh, NY 12550
STL Newburgh				-	FAX (845) 562-0841
CUSTOMER NAME Stort Inc.	Fin Ene PC.	REPORT	TURNAROUND	REPORT # (L	# (Lab Use Only)
	Road	STANDARD	NORMAL 5 daily	れただったで	¥
	NY 12110		aulck	SAMPLE TEMP.	4.40
NAME OF CONTACT Davis	(518) 456-4900	OTHER	UERBAL	PH CHECK	
PROJECT LOCATION	nber	Inter		CHLORINE (RESIDUAL) Y REVIEWED BY:) <u>Y</u> N <u> / / / / / / / / / / / / / / / / / / </u>
	10	DW = DRINKING WATER S: WW = WASTE WATER SL = SLUDGE	A S = SOIL O = OIL DGE GW = GROUND WATER	NY PUBLIC WATER SUPPLIES	ER SUPPLIES
NOTE: SAMPLE TEMPERATURE UPON	MPERATURE UPO			SOURCE ID	
RECEIPT	RECEIPT MUST BE 4°±2°C.	Amber of the still	Plastic ric Acid W Plastic Pla	FEDERAL ID	
STL # SAMPLING P BATE TIME OF A AM PM C G	MATRIX CLIENT I.D.	Codium Social Constant Constan	Sulful Sulful Lifer	ANALYSIS REQUESTED	UESTED
V 1/01 1	GW ML-10	3		TOTAL + DISSOLVED	D METHLS
2 10 Co	M-12			METHOD	2007 for
3 10/03	ML-3			SIL SNOLLS	whether:
4 10/4	11-1W				
50 194	ML-9			÷	
(c) 10/4 13.15	ML-IU			75	
The 10/4 12-50	MLS				
8 10/4 13:30	MITO				
0 9 10/5 12:00	ML-13				
00 10 1 14:25	1-7W				
C // 3:40	Equil. BLANK				
3 12 V	ML-2R		>		
SAMPLES SUBMITTED FOR ANALYSIS W	WILL BE SUBJECTED TO THE STL TER	AND CONDITIONS OF SALE (SHO	I) UNLESS ALTERNATE TERMS ARE A	GREED IN WRITING.	
SAMPIED BY AULO	SLANTING [0] DATE	M (7; OD		7	69
	-	TIME		COMPANY DATE	TIME
HELINQUISHED BY	COMPANY	DATE TIME RECEIVED BY		COMPANY DATE	TIME
COMMENTS					

NYSDOH 10142 NJDEP 73015 CTDOHS PH-0554 EPA NY049 M-NY049 PA 68-378

SEVERN STL		CHAIN OF	AIN OF CUSTODY	Pacy 2 of 2 TEL (845) 562-0890
Stevling Env.	Eng. P.C.	REPORT TYPE	PE TURNAROUND	HEPORI # (Lab Use Unly)
ADDRESS 24 Wade	R.d.			HT CIAC
CITY, STATE, ZIP		NJ REG UNYASP A BV		oft the
NAME OF CONTACT	15	OTHER		SAMPLE REC'D ON ICE Y N DH CHECK Y N
PROJECT LOCATION N 1000	1 aque			- CHLORINE (RESIDUAL) Y NZ
	(e)	<u>Matr</u> DW = DRINKING WATER WW = WASTE WATER SL= SLU	<u>MATEN</u> S= SOIL 0= OIL SL= SLUDGE GW= GROUND WATER	NY PUBLIC WATER SUPPLIES
NOTE: SAMPLE TEMPERAT	MPERATURE UPON			
RECEIPT	RECEIPT MUST BE 4°±2°C.	A biselic Masched Annber Munber Munber Munber	zo zo liog liog blastic plastic plastic plastic plastic	EERP 17PE
SAMPLING RE DATE TIME OF AM PM COF	MATRIX CLIENT I.D.	Liter An	R or Sulfur Lifer Codium	ANALYSIS REQUESTED
	C-M/ ML-ZR (WS)			TUTAL + THISSOLVED METHON
	ML-2R	2		Far As Cu. Cr
				CTHO
13 10/1 1	ML-4	2	<u> </u>	
1 40 10/104 N	L ML-5	2	2	
A CONSTRUCTION OF A CONSTRUCTURA OF A CONSTRUCTURA OF A CONSTRUCTURA OF A CONSTRUCT				
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008				
SAMPLES SUBMITTED FOR ANALYSIS	WILL BE SUBJECTED TO THE STL TEP	THIS AND CONDITIONS OF SALE (SH	SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECTED TO THE STL TERMS AND CONDITIONS OF SALE (SHORT FORM) UNLESS ALTERNATE TERMS ARE AGREED IN WRITING	
RELINQUENED BY CH ULLO SAMPLED BY	SQMFANY SKUTLING 10 COMPANY	10 DATE / UY TIME OD	RECEIVED BY	COMPANY DATE TIME STU IOVE/04 1210 COMPANY DATE TIME
RELINQUISHED BY	COMPANY	DATE TIME	RECEIVED BY CC	COMPANY DATE TIME
COMMENTS				

NYSDOH 10142 NJDEP 73015 CTDOHS PH-0554 EPA NY049 M-NY049

PA 68-378

DATA REPORTING QUALIFIERS

Data qualifiers are used in the analytical report for organics and inorganics. The qualifiers are equivalent to those used by the USEPA in its Contract Laboratory Program.

ORGANIC QUALIFIERS

- U Indicates that the compound was analyzed for but not detected. The sample detection limit is corrected for dilution and percent moisture. This detection limit is not necessarily the instrument detection limit.
- J Indicates an estimated value. This qualifier is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicates the presence of a compound that meets the identification criteria and the result is less than the specified detection limit but greater than zero.
- B Indicates that the analyte was found in both the sample and its associated laboratory blank. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
- C This qualifier applies to pesticide parameters where the identification has been confirmed by gas chromatography/mass spectrometry.
- E This qualifier indicates compounds whose concentrations exceed the calibration range of the instrument for the specific analysis.
- D Indicates all compounds identified in an analysis at a secondary dilution factor.
- DL This suffix indicates a diluted sample and is appended to the sample number on the result form.
 - N Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.
 - P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentration between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with an "P".
 - A This flag indicates that a TIC is a suspected aldol-condensation product.
- RE This suffix indicates a re-analyzed sample and is appended to the sample number on the result form.



NJDEP 73015

M-NY049

DATA REPORTING QUALIFIERS

Page 2

RR - This suffix indicates a re-extracted and re-analyzed sample and is appended to the sample number on the result form.

INORGANICS

Concentration Qualifiers (C)

- U Indicates that the analyte was analyzed for but not detected.
- B The reported value is less than the Contract Required Detection Limit (CRDL), but greater than the Instrument Detection Limit (IDL).

Quality Qualifiers (Q)

- E Indicates an estimated value because of the presence of interference.
- M Duplicate injection precision not met.
- N Spiked sample recovery not within control limits.
- S The reported value was determined by the Method of Standard Additions (MSA).
- W Post digestion spike for furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.
- * Duplicate analysis not within control limits.
- + Correlation coefficient for the MSA is less than 0.995.

Method Qualifiers (M)

- P for ICP.
- A for Flame AA.
- F for Furnace AA.
- PM for ICP when Microwave Digestion is used.
- AM for Flame AA when Microwave Digestion is used.
- FM for Furnace AA when Microwave Digestion is used.
- CV for Manual Cold Vapor AA.
- AV for Automated Cold Vapor AA.
- AS for Semi-Automated Spectrophotometric
- C for Manual Spectrophotometric
- T for Titrimetric.

NYSDOH 10142

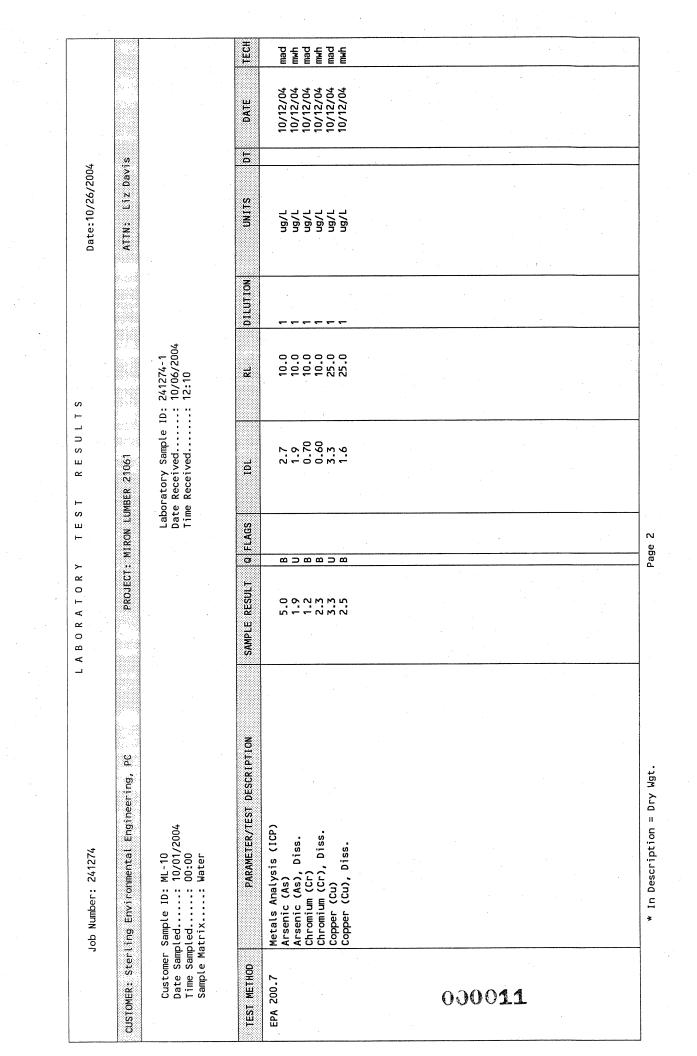
NR - if the analyte is not required to be analyzed.

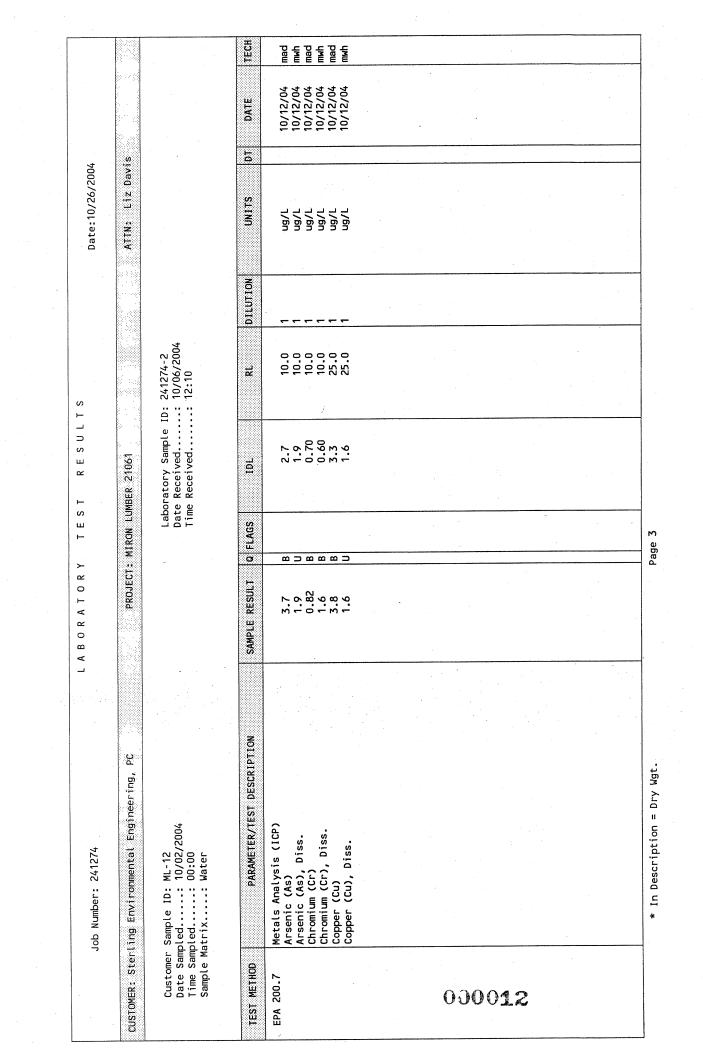
NJDEP 73015

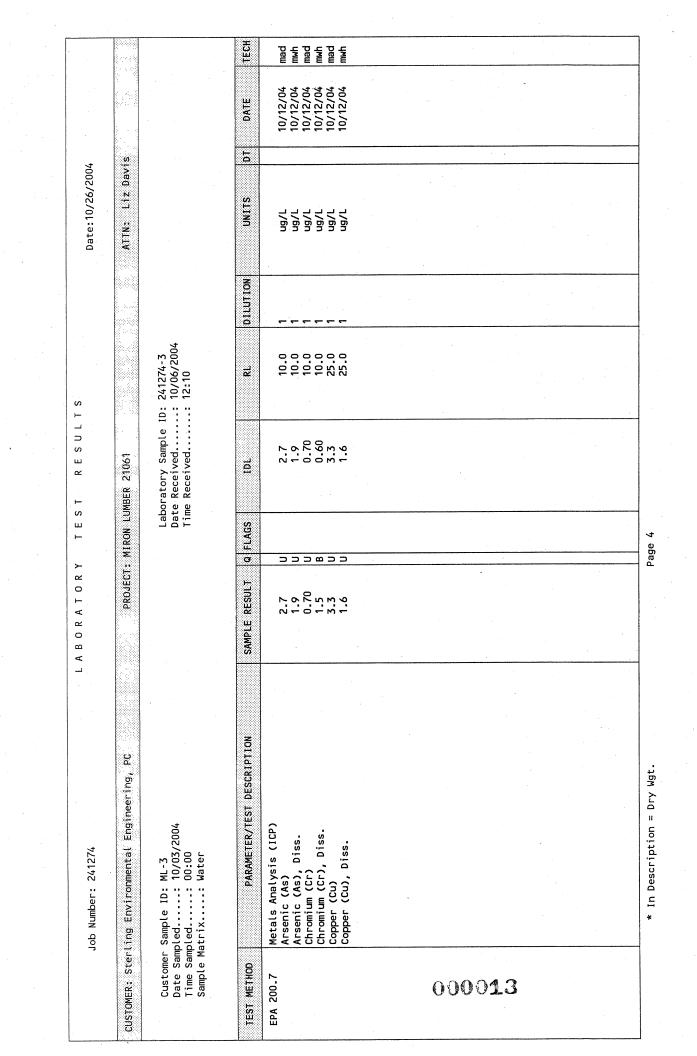
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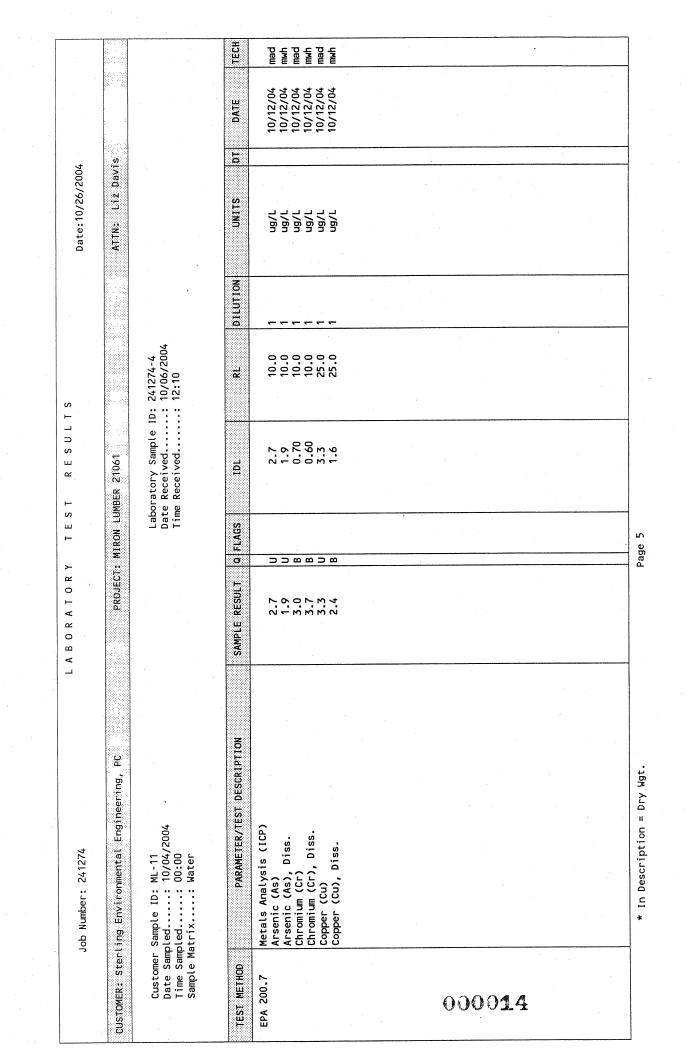
M-NY049

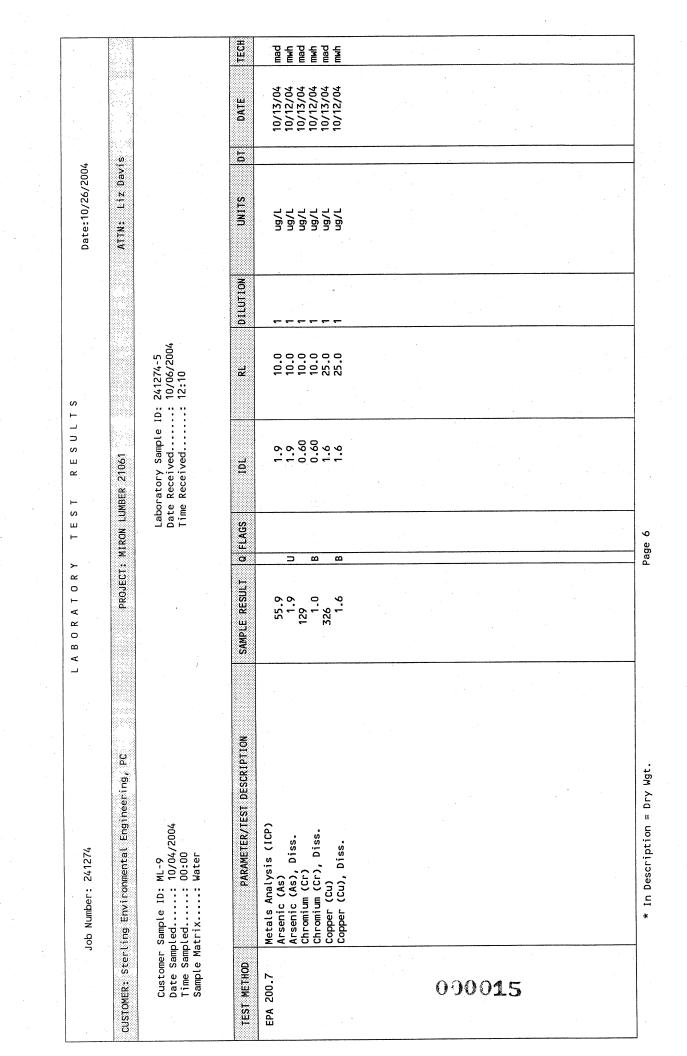
EPA NY049

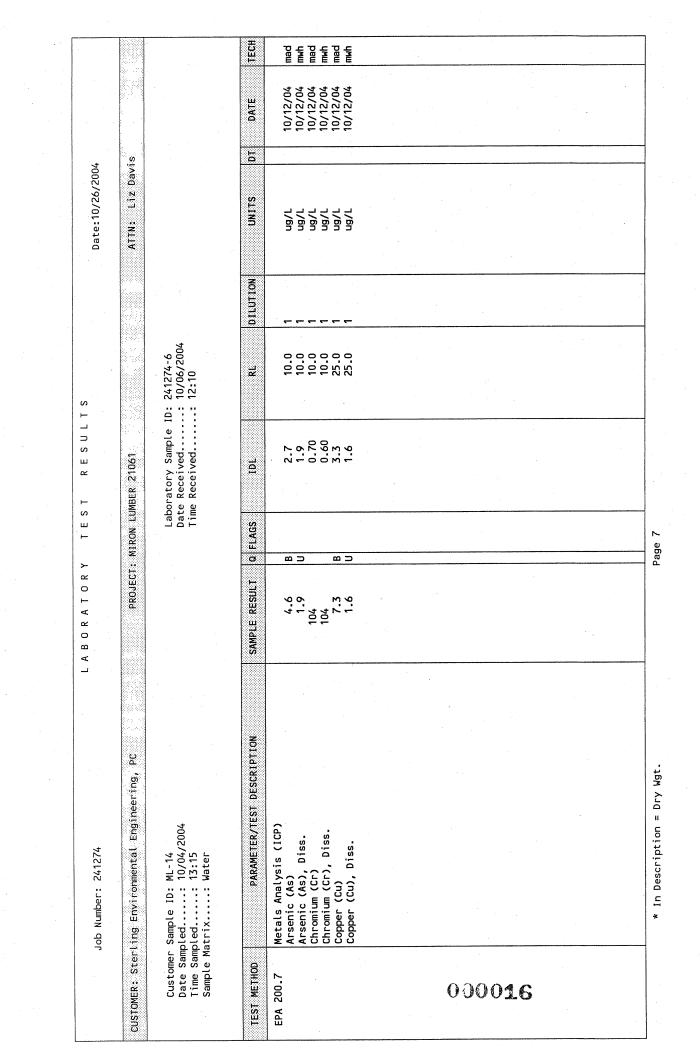


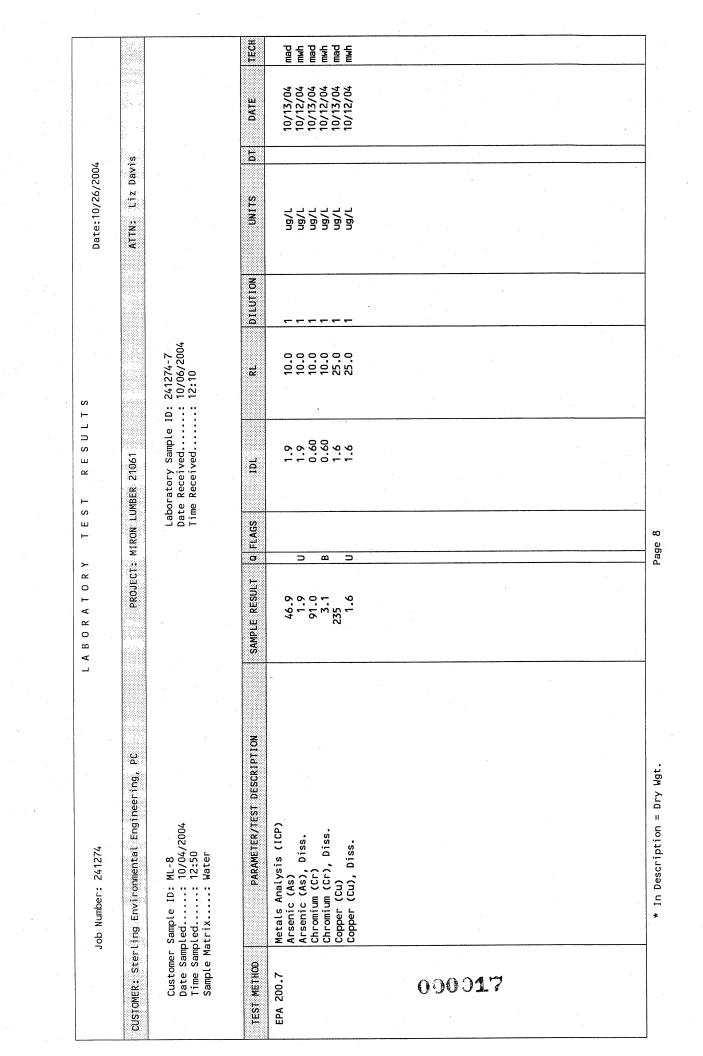


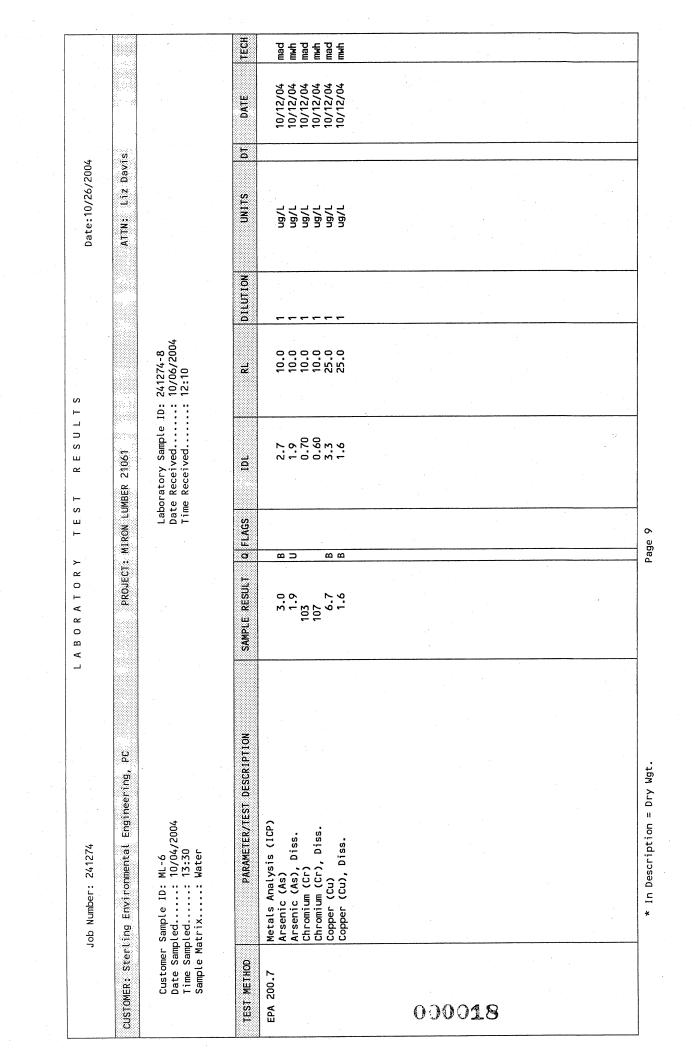


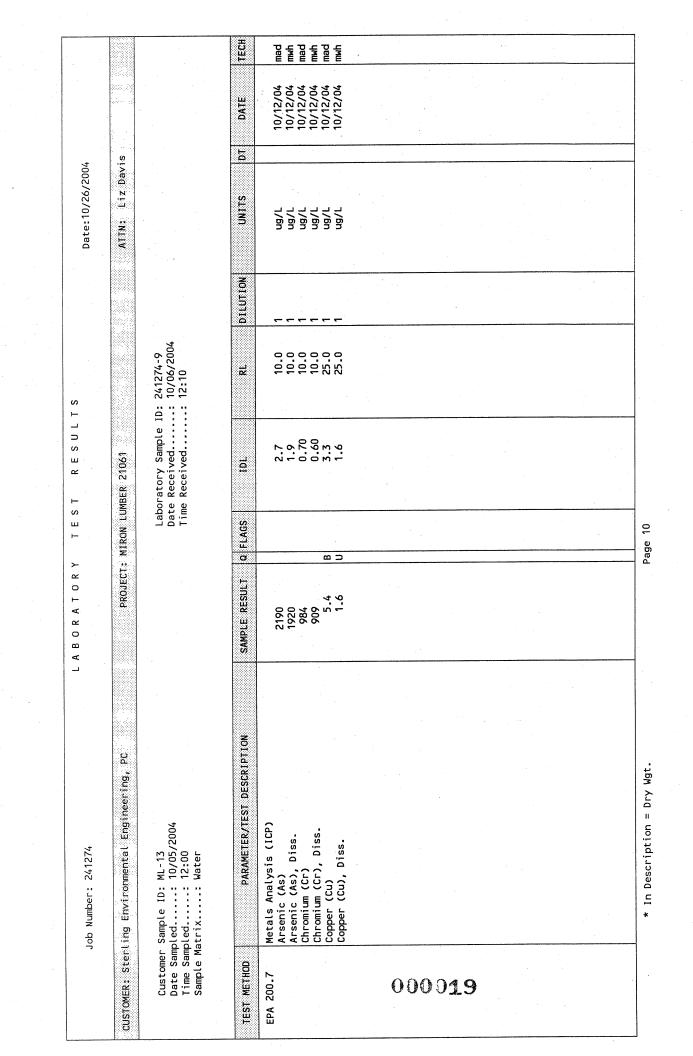


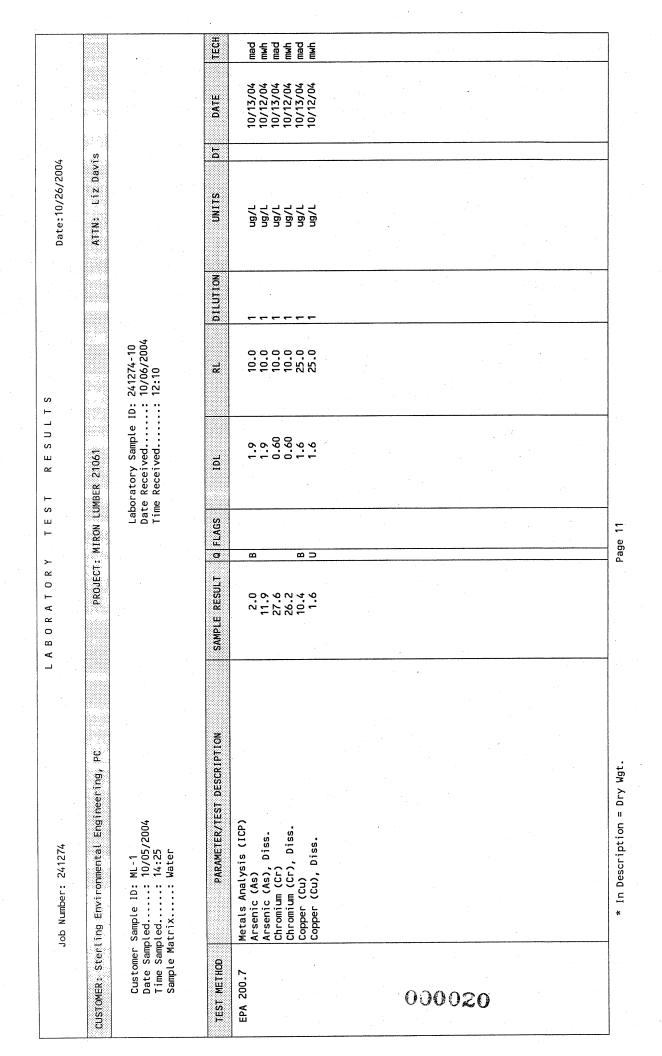


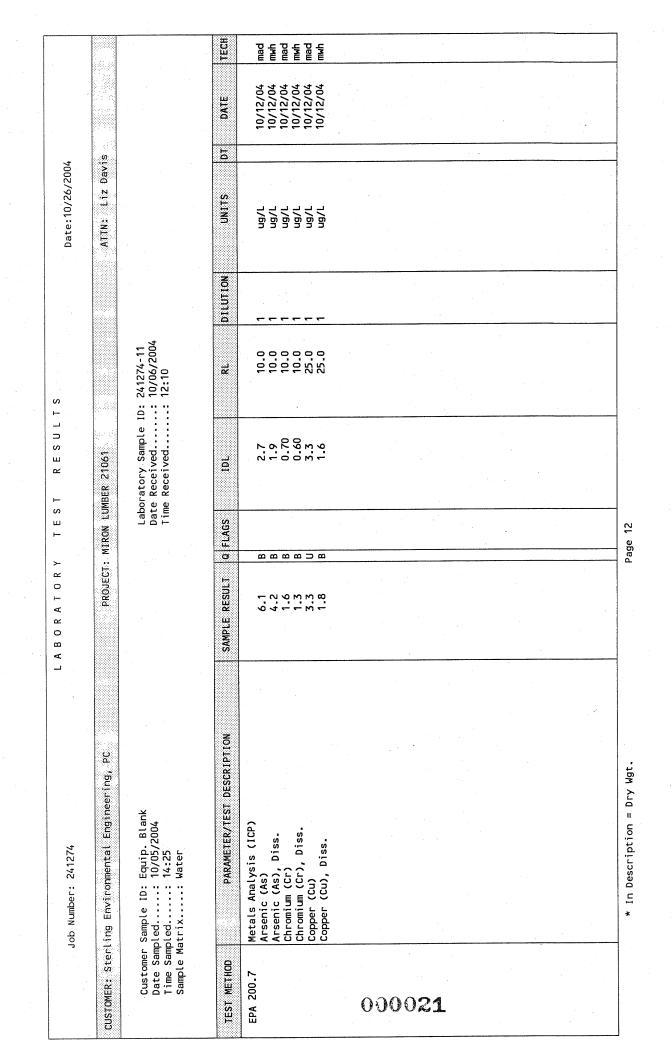


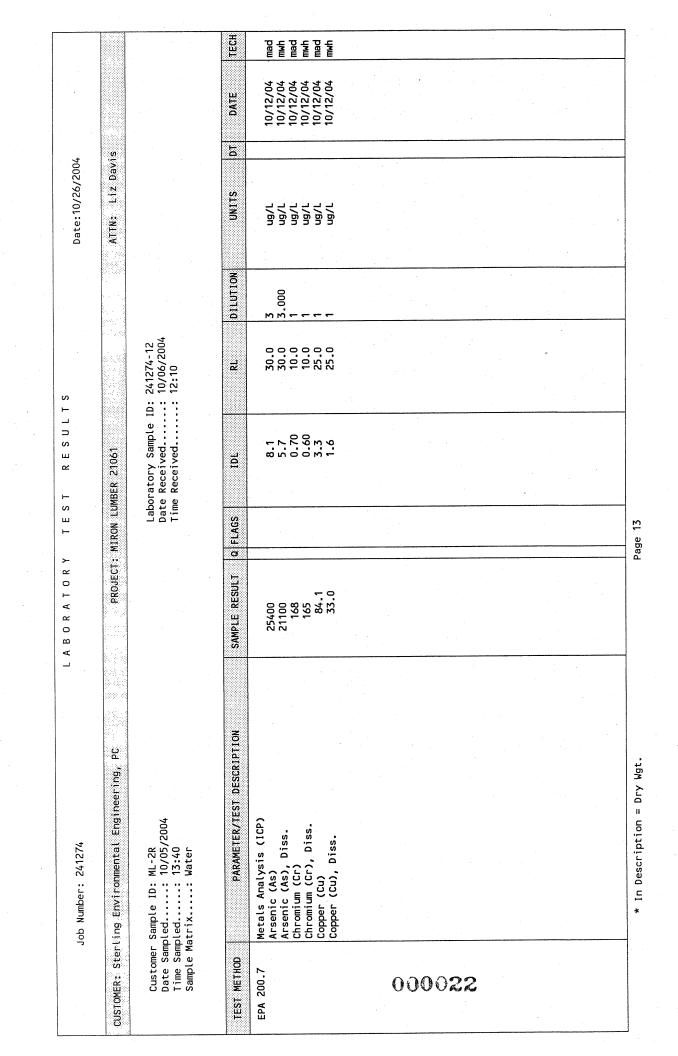


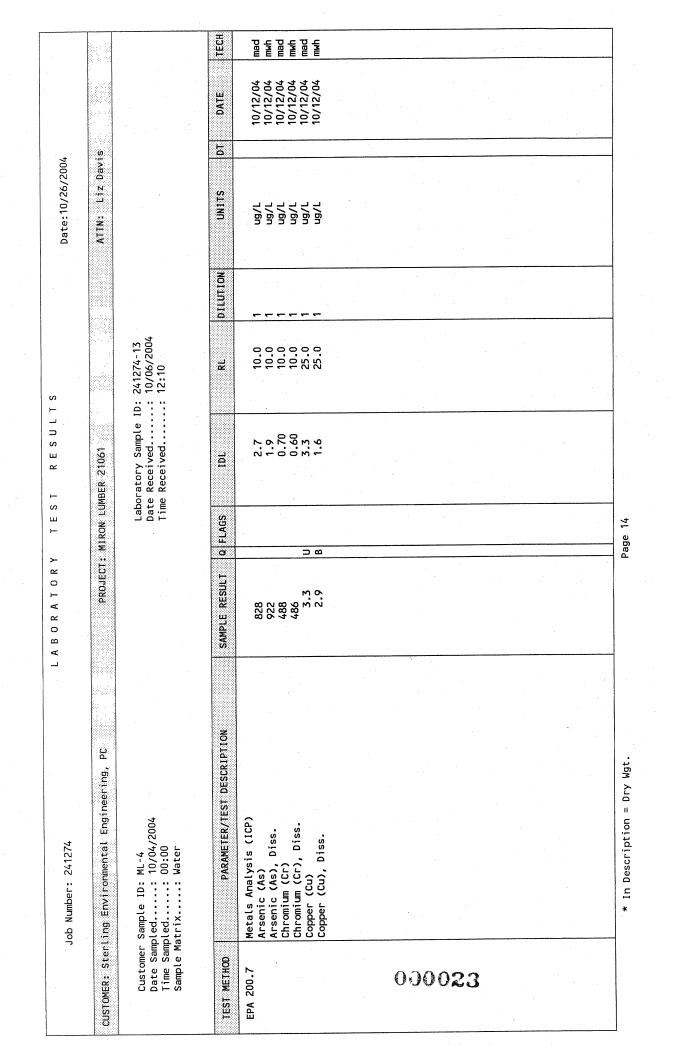


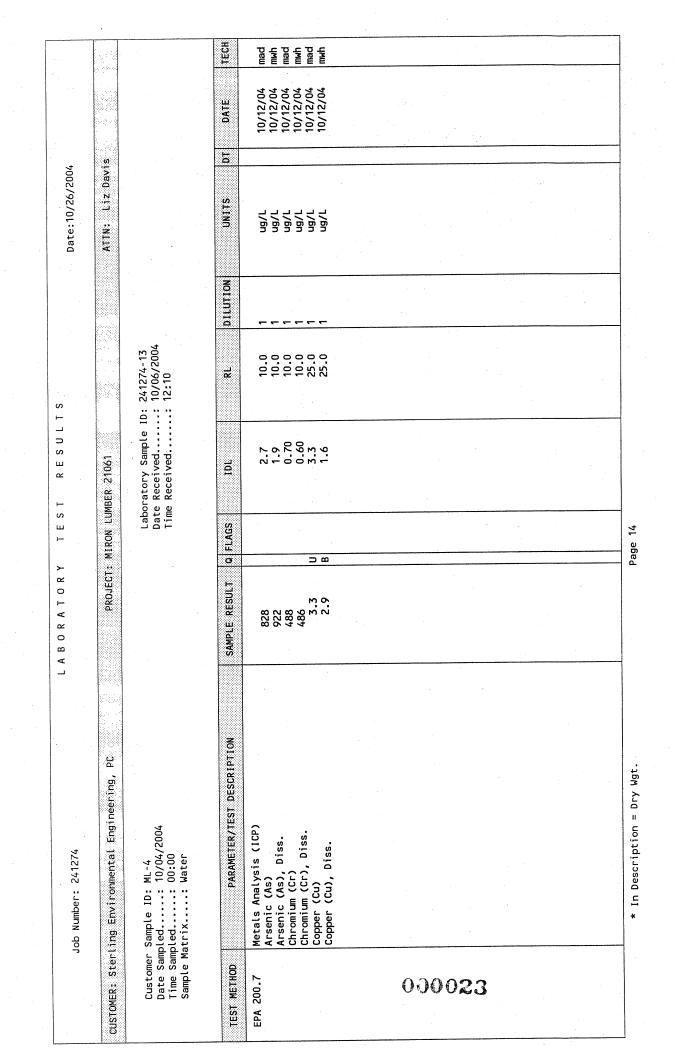


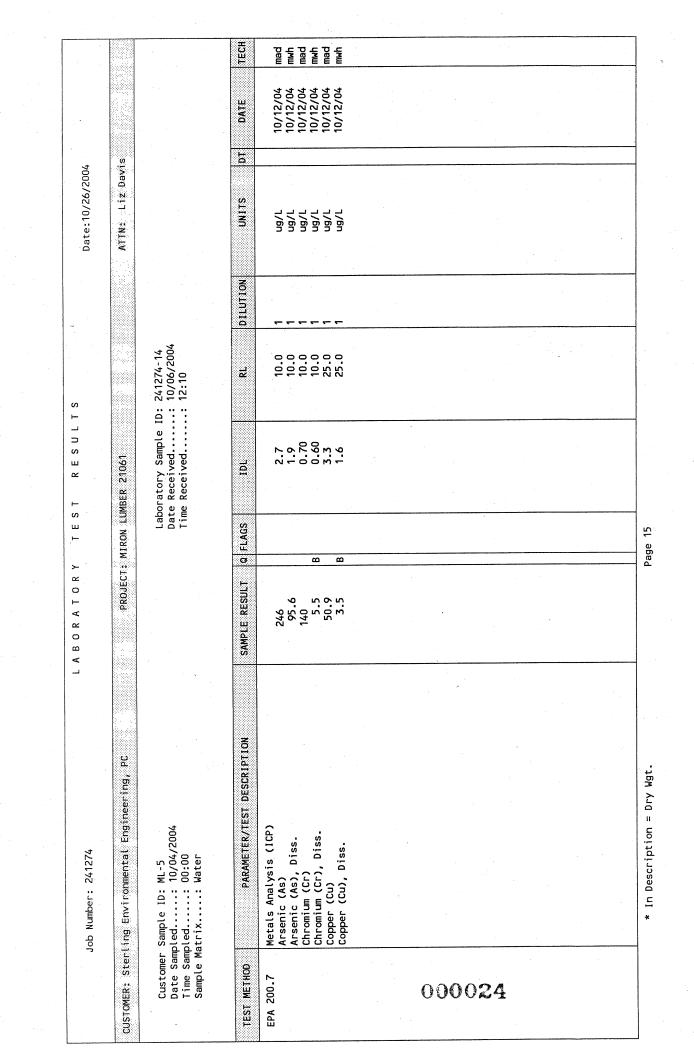












2A INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Newburgh	Contract:	
Lab Code: <u>10142</u> Case No.:	SAS No.:	SDG No.:
Initial Calibration Source:	M02ISBICV1	
Continuing Calibration Source:	M02ISBCCV1	

Concentration Units: ug/L

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

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2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Newburgh	Contract:	
Lab Code: <u>10142</u> Case No.:	SAS No.:	SDG No.:
Initial Calibration Source:	M02ISBICV1	
Continuing Calibration Source:	M02ISBCCV1	

Concentration Units: ug/L

Analyte	Initial Calibra True Found	tion %R(1)	C True	Continuin <u>c</u> Found	g Calib %R(1)	Found	%R(1)	М
Analyte Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	True Found		1000.0 10000.0 10000.0 <td>Found 1064.54</td> <td>•R(1) 106.4 </td> <td>1011.11 </td> <td></td> <td></td>	Found 1064.54	•R(1) 106.4	1011.11		

(1)

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Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Newburgh	Contract:
Lab Code: <u>10142</u> Case No.:	SAS No.: SDG No.:
Initial Calibration Source:	M04IRICV01
Continuing Calibration Source:	M04IRCCV01

Concentration Units: ug/L

	Toiti	al Calibra	at i on		Continuino	r Calik	oration		
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	М
Aluminum Arsenic	5000.0	4731.44	94.6	10000.0	9033.44	90.3	9051.94	90.5	$\frac{\overline{P}}{NR}$
Calcium Chromium	$\frac{12500.0}{500.0}$	$\frac{11769.33}{502.99}$	$\frac{94.2}{100.6}$	25000.0	$\frac{22725.42}{990.98}$	90.9	$\frac{22836.21}{998.50}$	<u>91.3</u> 99.8	
Copper Iron	<u>625.0</u> 2500.0	594.62 2403.68	95.1	<u>1250.0</u> 5000.0	<u>1141.04</u> 4656.72	<u>91.3</u> 93.1	4669.85	92.6	P P
Magnesium	12500.0	11934.78	95.5	25000.0	23716.13	94.9	23911.05	95.6	<u>P</u>
									-

(1)

Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Newburgh	Contract:			
Lab Code: <u>10142</u> Case No.:	SAS No.:	SDG No.:		
Initial Calibration Source:	M04IRICV01			
Continuing Calibration Source:	M04IRCCV01			

Concentration Units: ug/L

Analyte	Initial Calibration True Found %R(1	
Analyte Aluminum Arsenic Calcium Chromium Copper Iron Magnesium		

(1)

Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Newburgh		Cont:		
Lab Code:	10142 Case No.:	SAS 1	No.:	SDG No.:
Initial C	alibration Source:	M02ISBICV1		
Continuin	a Calibration Source:	M02TSBCCV1		•

Concentration Units: ug/L

Analyte	Initia True	l Calibra Found	C True	Continuing Found	g Calik %R(1)	Found	%R(1)	M
Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	<u> 500.0</u> <u> </u>	506.63		996.79	99.7	977.63	97.8	
					· · · · · · · · · · · · · · · · · · ·			

(1)

Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Newburgh	Cc	ontract:			
Lab Code: <u>10142</u> Case No.:	SA	AS No.:		SDG No.:	
Initial Calibration Source:	M02ISBICV	71			
Continuing Calibration Source:	M02ISBCCV	71	and and a second se Second second		

Concentration Units: ug/L

Analyte	Initia True	l Calibr Found	(True	Continuing Found	g Calib %R(1)	ration Found	%R(1)	M
Aluminum Arsenic Calcium Chromium Copper Iron Magnesium			 1000.0	948.10	94.8	986.99	98.7	NR P NR NR NR NR NR NR NR

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Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

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2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL 1	Newburgh		Contract:	 	
Lab Code: 10142	2_ Case No.:		SAS No.:	 SDG No.:	
Initial Calibra	ation Source:	MOJIRI	CV01		
Continuing Cal	ibration Source:	MOJIRC	CCV02		

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum Arsenic	5000.0	4698.66	94.0	10000.0	11291.55	112.9	9571.84	95.7	$\frac{\overline{P}}{NR}$
Calcium Chromium	500.0	$\frac{11742.95}{500.06}$	$\frac{93.9}{100.0}$	25000.0	25509.22 1017.63	101.8	$\frac{23557.28}{997.98}$	94.2	
Copper Iron Magnesium	$\frac{625.0}{2500.0}$ 12500.0	$\frac{596.84}{2479.27}$ 12410.23	95.5 99.2 99.3	1250.0 5000.0 25000.0	$ \begin{array}{r} 1226.28 \\ 5639.34 \\ 26529.77 \end{array} $	112.8	$\frac{1176.06}{4919.26}$ 24897.39	<u>94.1</u> <u>98.4</u> 99.6	
<u></u>									
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Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

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2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name:	STL Newburgh	Contract:	
Lab Code:	10142 Case No.:	SAS No.:	SDG No.:
Initial C	alibration Source:	M03IRICV01	
Continuin	g Calibration Source:	M03IRCCV02	

Concentration Units: ug/L

	Initial Calib	ration		Continuing	g Calik	oration		
Analyte	True Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Analyce Aluminum Arsenic Calcium Chromium Copper Iron Magnesium				$ \frac{10942.93}{25127.49} \\ \underline{1009.01} \\ \underline{1211.82} \\ 5488.40 $	$ \begin{array}{r} 109.4 \\ 100.5 \\ 100.9 \\ 96.9 \\ 109.8 \end{array} $	$ \frac{11494.92}{26116.48} \\ \underline{1047.97} \\ \underline{1242.03} \\ 5749.10 $	$ \frac{114.9}{104.5} \\ \frac{104.5}{99.4} \\ 115.0 $	

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Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Newburgh	Contract:		
Lab Code: <u>10142</u> Case No.:	SAS No.:	 SDG No.: _	
Initial Calibration Source:	M02ISBICV1		
Continuing Calibration Source:	M02ISBCCV1		

Concentration Units: ug/L

Analyte	Initia True	l Calibra Found	(True	Continuing Found	g Calik %R(1)	oration Found	%R(1)	М
Analyte Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	True	Found	 True	Found		Found	*R(1) 102.0 	

(1)

Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115



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2A

INITIAL	AND	CONTINUING	CALIBRATION	VERIFICATION
				the second se

Lab Name:	STL Newburgh	Contract:	
Lab Code:	10142 Case No.:	SAS No.:	SDG No.:
Initial Ca	alibration Source:	M02ISBICV1	
Continuin	g Calibration Source:	M02ISBCCV1	

Concentration Units: ug/L

Analyte	Initial Ca True Fo	libration und %R(1)	C True	Continuing Found	g Calik %R(1)	Found	%R(1)	М
Alaryte Aluminum Arsenic Calcium Chromium Copper Iron Magnesium				<u>1007.28</u>		<u>1009.85</u>		NR P NR NR NR NR I

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Form II (PART 1) - IN

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 Newburgh, NY 12550

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 Fax (845) 562-0841

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2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Newburgh	Contract:	
Lab Code: 10142 Case No.:	SAS No.:	SDG No.:
Initial Calibration Source:	M02ISBICV1	
Continuing Calibration Source:	M02ISBCCV1	

Concentration Units: ug/L

Analyte	Initial C True F	Calibrati Yound %R	C True	ontinuing Found	g Calik %R(1)	Found	%R(1)	м
Analyte Aluminum Arsenic Calcium Chromium Copper Iron Magnesium			<u> 1000.0</u>					

(1)

Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115



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2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: <u>STL Newburgh</u>	Contract:	
Lab Code: <u>10142</u> Case No.:	SAS No.:	SDG No.:
Initial Calibration Source:	M03IRICV01	
Continuing Calibration Source:	M03IRCCV02	

Concentration Units: ug/L

	Initia	al Calibra	ation	(Continuino	g Calik	oration		
Analyte	True	Found		True	Found	%R(1)	Found	%R(1)	M
Aluminum Arsenic	5000.0	4677.53	93.6	10000.0	10291.18	102.9	9806.46	98.1	$\frac{P}{NR}$
Calcium Chromium	$\frac{12500.0}{500.0}$	$\frac{12016.64}{508.28}$	$\frac{96.1}{101.6}$	25000.0	$\frac{24677.75}{1019.47}$	$\frac{98.7}{101.9}$	$\frac{24079.48}{1011.95}$	$\frac{96.3}{101.2}$	$\frac{P}{P}$
Copper Iron	<u>625.0</u> 2500.0	<u>601.55</u> 2433.10	<u>96.2</u> 97.3	1250.0	1229.80 5110.16	98.4	1226.80	$\frac{98.1}{101.5}$	
Magnesium	12500.0	12562.35	100.5	25000.0		102.8	24997.58	100.0	<u>P</u>
						· · · · ·			
		·							
				·					

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

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2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: STL Newburgh	Contract:	-
Lab Code: <u>10142</u> Case No.:	SAS No.:	SDG No.:
Initial Calibration Source:	M03IRICV01	
Continuing Calibration Source:	M03IRCCV02	

Concentration Units: ug/L

Aluminum	Analyte	Initial Calib True Found	ration %R(1)	(True	Continuing Found	g Calik %R(1)	Found	%R(1)	М
	Aluminum Arsenic Calcium Chromium Copper Iron Magnesium			10000.0 25000.0 1000.0 1250.0 5000.0	$ \begin{array}{r} 10441.05 \\ 24742.91 \\ 1008.86 \\ 1223.47 \\ 5187.76 \\ \end{array} $	104.4 99.0 100.9 97.9 103.8	9998.18 24962.58 1036.08 1249.94 4993.03	$ \frac{100.0}{99.8} 103.6 100.0 99.9 $	

(1)

Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

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STL Newburgh

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name:	STL Newburgh	Contract:	
Lab Code:	10142 Case No.:	SAS No.: _	SDG No.:
Initial Ca	libration Source:	M03IRICV01	
Continuing	Calibration Source:	M03IRCCV02	

Concentration Units: ug/L

Aluminum	Analyte	Initia True	al Calibr Found	(True	Continuing Found	g Calib %R(1)	oration Found	%R(1)	M
	Arsenic Calcium Chromium Copper Iron			25000.0 1000.0 1250.0 5000.0	$ \begin{array}{r} 24944.64 \\ 1011.96 \\ 1230.52 \\ 5171.77 \end{array} $	$ \frac{99.8}{101.2} \\ \frac{98.4}{103.4} $			

(1)

Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

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PA 68-378

M-NY049

2B CRDL STANDARD FOR AA AND ICP

Lab Name:	STL Newburgh	Contract:	
Lab Code:	10142 Case No.:	SAS No.:	SDG No.:
AA CRDL St	andard Source:		
ICP CRDL S	Standard Source: M04ICRI001		

Concentration Units: ug/L

Analyte		Standard fo Found	or AA %R		RDL Standa: Ltial Found	ICP Final Found	%R
Analyte Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	True	Found	%R	True	24.45	 25.62	<u></u>

Control Limits: no limits have been established by EPA at this time



NYSDOH 10142

NJDEP 73015

EPA NY049

CTDOHS PH-0554

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M-NY049

PA 68-378

2B CRDL STANDARD FOR AA AND ICP

Lab Name: STL Newburgh Contract:

Lab Code: <u>10142</u> Case No.: _____ SAS No.: _____

SDG No.:

AA CRDL Standard Source:

ICP CRDL Standard Source: M03ICRI001

Concentration Units: ug/L

	CRDL S	Standard fo	or AA		RDL Standaı İtial		Final	
Analyte	True	Found	%R	True	Found	%R	Found	%R
Aluminum Arsenic Calcium Chromium Copper				20.0 20.0 50.0	<u> 19.49</u> <u> 22.34</u> 52.24	$ \frac{97.4}{111.7} 104.5 $	<u>35.09</u> <u>21.42</u> 48.23	$\frac{175.4}{107.1}$ 96.5
Iron Magnesium								
·								

Control Limits: no limits have been established by EPA at this time



NYSDOH 10142

Form II (PART 2) - IN STL Newburgh is a part of Severn Trent Laboratories, Inc. 000040

M-NY049

PA 68-378

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EPA NY049
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2B

CRDL STANDARD FOR AA AND ICP

Lab Name:	STL Newburgh	Contract:
Lab Code:	10142 Case No.:	SAS No.:

SDG No.:

AA CRDL Standard Source:

ICP CRDL Standard Source: M03ICRI001

Concentration Units: ug/L

	CRDL S	Standard f	or AA		RDL Standa itial	rd for	ICP Final	
Analyte	True	Found	%R	True	Found	۶R		%R
Analyte Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	True	Found	*R	True 20.0 20.0 50.0 		%R	Found	180.6

Control Limits: no limits have been established by EPA at this time



NYSDOH 10142

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2B CRDL STANDARD FOR AA AND ICP

Lab	Name:	STL	Newburgh		

Contract:

SDG No.:

Lab Code: 10142 Case No.: _____

AA CRDL Standard Source:

ICP CRDL Standard Source: M03ICRI001

Concentration Units: ug/L

SAS No.:

Analyte	CRDL S True	Standard fo Found	or AA %R	In:	RDL Standaı itial Found		Final	%R
Analyte Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	True	Found	*R	True	22.81	*R 114.0 112.4 103.3 	Found 19.37 20.68 47.25 	*R 96.8 103.4 94.5

Control Limits: no limits have been established by EPA at this time



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3 BLANKS

 Lab Name: STL Newburgh
 Contract: ______

 Lab Code: 10142
 Case No.: ______
 SAS No.: ______
 SDG No.:

 Preparation Blank Matrix (soil/water): water_

 Preparation Blank Concentration Units (ug/L or mg/kg): ug/L_

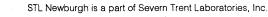
	Initial Calib.	Continuing Calibration	Prepa-
Analvte	Blank	Blank (ug/L) 1 C 2 C 3 C	ration Blank C M
Analyte Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	(ug/L) C 38.4 U 2.7 U 519.3 B 0.7 U 3.3 U 18.9 U 11.7 U 		Blank C M
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Lab Name: STL New	burgh	Contract:			
Lab Code: <u>10142</u>	Case No.:	SAS No.:	ند	SDG	No.:
Preparation Blank	Matrix (soil/water)	•			
Preparation Blank	Concentration Units	(ug/L or mg,	/kg):		

Analyte	Initial Calib. Blank (ug/L) C	E	inuing Cali Blank (ug/L C 2	lbration J) C 3 C	Prepa- ration Blank C	М
Aluminum Arsenic Calcium Chromium Copper Iron Magnesium		304 3.3 451.4 0.7 3.3 18.9 11.7				

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Lab Name:	STL Newl	ourgh	Con	tract:			
Lab Code:	10142	Case No.:	SAS	No.:		SDG No.:	
Preparatio	on Blank	Matrix (soil/	water):				
Preparatio	on Blank	Concentration	u Units (ug	/L or mg/kg	ſ):	n an	

								····			ı
Analyte	Initial Calib. Blank (ug/L) (c	Cont 1		nuing Cali Lank (ug/I 2		ration 3	C	Prepa- ration Blank	C	M
Analyce	(ug/L) (· -	C	2	. C	5		Draim		
Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	$ \begin{array}{r} 18.2 \\ 1.9 \\ 276.4 \\ 1.4 \\ 1.7 \\ 16.8 \\ 33.6 \\ 33.6 \\ \end{array} $		462.1 2.3 730.1 1.4 1.7 199.3 539.8		$ \begin{array}{r} 24.9 \\ 4.6 \\ 303.2 \\ 1.5 \\ 1.6 \\ 16.8 \\ 32.7 \\ $		382.8 5.0 665.3 1.3 1.6 166.3 433.3				
<u>Hagilebium</u>		=		Ξ		=				-	
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Lab Name	: STL Newburgh	Contract:	
Lab Code	: <u>10142</u> Case No.:	SAS No.:	SDG No.:
Preparat	ion Blank Matrix (soil/water)	• • • • • • • • • • • • • • • • • • •	

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L) C	Continuing Calibration Blank (ug/L) 1 C 2 C 3 C Blank C	М
Aluminum Arsenic Calcium Chromium Copper Iron Magnesium		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	

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BLANKS

Lab Name:	STL New	ourgh	 	Contract:		
Lab Code:	10142	Case No.:	1	SAS No.:		SDG No.: _
Preparatio	on Blank	Matrix (soil	/water)	•		
Preparatio	on Blank	Concentratio	n Units	(ug/L or mo	g/kg):	

Analyte	Initial Calib. Blank (ug/L) C	Continuing Calibration Blank (ug/L) 1 C 2 C 3 C	Prepa- ration Blank C	M
Aluminum Arsenic Calcium Chromium Copper Iron	-39.3 B 2.0 B 247.7 B 1.3 B 1.6 U 16.8 U 31.2 B	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		
Magnesium 	<u> </u>	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		
				

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 STL Newburgh

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Lab Name:	STL Newk	ourgh	_ Contract:		
Lab Code:	10142	Case No.:	SAS No.:		SDG No.: _
Preparatio	on Blank	Matrix (soil/wate	er):		
Preparatio	on Blank	Concentration Un	its (ug/L or mg/]	kg):	

Analyte	Initial Calib. Blank (ug/L)	С	Cont 1	ir Bl C	uing Cal: Lank (ug/I 2	Lbı C	ration 3	C	Prepa- ration Blank	c	M
Aluminum Arsenic Calcium Chromium Copper Iron			18.2 1.9 389.8 1.6 1.6 25.0 46.4		$ \begin{array}{r} 240.5 \\ 3.8 \\ 533.8 \\ 1.2 \\ 1.6 \\ 141.1 \\ 327.4 $						
Magnesium 			40.4								

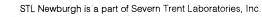
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CTDOHS PH-0554

NYSDOH 10142

NJDEP 73015

4 ICP INTERFERENCE CHECK SAMPLE

Lab	Name:	STL Newburgh	 Contract:	
Lab	Code:	<u>10142</u> Case No.:	 SAS No.:	SDG No.:
ICP	ID Nur	nber: ICP1	ICS Source:	M03ISA001/M03ISR001

Concentration Units: ug/L

Analyte	Tı Sol. A	rue Sol. AB		Ini Sol. A	itial Four Sol. AB	nd %R	Fina Sol. A	al Found Sol. AB	%R
Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	500000 0 500000 0 200000	<u>500000</u> <u>100</u> <u>500000</u> <u>500</u> <u>200000</u> <u>500000</u> <u></u>		504182 -10 527926 2 -12 177711 487283	526562.5 105.2 545069.7 497.1 530.7 185280.4 506693.7	$ \begin{array}{r} 105.2 \\ 109.0 \\ 99.4 \\ 106.1 \\ 92.6 \end{array} $	<u>505428</u> <u>-8</u> 523612 <u>1</u> -12 177274 487287 	522675.0 103.2 544477.0 492.1 533.2 182641.4 502428.8 	$ \begin{array}{r} 104.5 \\ 103.2 \\ 108.9 \\ 98.4 \\ 106.6 \\ 91.3 \\ 100.5 \\ $
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CTDOHS PH-0554 EPA NY049
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4

ICP INTERFERENCE CHECK SAMPLE

Lab Name:		STL Newl	ourgh	Cont	tract: _			
Lab	Code:	10142	Case No.: _	 SAS	No.:		SDG No.:	. 4
ICP	ID Num	mber: <u>IC</u>	P3	ICS	Source:	M03ISA002/	<u>M03IS</u> R002	

Concentration Units: ug/L

									·······
	Tı Sol.	rue Sol.	Initial Found Sol. Sol.				Final Found Sol. Sol.		
						о. Г	A A	AB	%R
Analyte	A	AB		A	AB	%R	A	AD	76
Aluminum	500000	500000	51	1537	520702.4	104.1	495215	516012.1	103.2
Arsenic	0	100		- 8	96.8	96.8	3	98.5	98.5
Calcium	500000	500000	54	6844	554680.2	110.9	524429	542843.3	108.6
Chromium	<u><u> </u></u>	500		2	508.1		2	497.5	99.5
	0	500		-2	549.7	109.9	-4	534.6	106.9
Copper	200000	200000	10	7546		95.5	180688	188217.3	94.1
Iron				1301	509028.2	$\frac{33.3}{101.8}$	476368	495744.2	99.1
Magnesium	500000	500000		1301	509020.2	101.0		<u> </u>	
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4 ICP INTERFERENCE CHECK SAMPLE

Lab	Name:	STL New	vburgh	 Contract:		
Lab	Code:	10142	Case No.:	 SAS No.:		SDG No.:
ICP	ID Nur	mber: IC	P3	ICS Sourc	e: <u>M03ISA00</u>	<u>2/M03IS</u> R002

Concentration Units: ug/L

Analyte	Tı Sol. A	rue Sol. AB	Ini Sol. A	itial Four Sol. AB	nd %R	Fina Sol. A	al Found Sol. AB	%R
Aluminum Arsenic Calcium Chromium Copper Iron	500000 0 500000 0 200000 200000	50000 100 50000 500 500 500 200000 500 20000 500				$ \begin{array}{r} $	$ \frac{519071.6}{95.1} \\ \frac{95.1}{555940.6} \\ \frac{503.6}{547.0} \\ \frac{190618.6}{504060.2} $	$ \frac{103.8}{95.1} \\ \frac{111.2}{100.7} \\ \frac{109.4}{95.3} \\ 100.8 $
Magnesium 	<u>500000</u>	<u> 500000</u> 					<u> </u>	



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M-NY049

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4

ICP INTERFERENCE CHECK SAMPLE

Lab Name:		STL Newburgh	Contract:	
Lab	Code:	10142 Case No.:	SAS No.:	SDG No.:
ICP	ID Nur	nber: ICP3	ICS Source: M03ISA002	/M03ISR002

Concentration Units: ug/L

		rue		itial Four	nd		al Found	
Analyte	Sol. A	Sol. AB	Sol. A	Sol. AB	۶R	Sol. A	Sol. AB	%R
Analyte Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	A 500000 0 500000 0 200000 500000 	AB 500000 100 500000 500 200000 500000 	A 505141 -4 539224 2 -4 185501 495987 	$ \frac{518284.2}{99.3} \\ \frac{557251.4}{503.3} \\ \frac{554.5}{190374.1} $	$ \begin{array}{r} 103.6 \\ 99.3 \\ 111.4 \\ 100.7 \\ 110.9 \\ 95.2 \end{array} $	A 513170 -7 546793 2 -3 188726 499509 	$ \frac{519451.1}{99.6} \\ \frac{548026.9}{498.5} \\ 547.8 $	$ \frac{103.9}{99.6} \\ \frac{109.6}{99.7} $



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4

ICP INTERFERENCE CHECK SAMPLE

Lab Name:	STL Newburgh	Contract: _		
Lab Code:	10142 Case No.:	SAS No.:	SDG No.:	
ICP ID Nur	mber: ICP3	ICS Source:	M03ISA002/M03ISR002	

Concentration Units: ug/L

Analyte	Sol.	rue Sol. AB	In: Sol. A	itial Four Sol. AB	nd %R	Fina Sol. A	al Found Sol. AB	%R
Aluminum Arsenic Calcium Chromium Copper		500000 100 500000 500 500 500 200000 200000					$ \frac{518157.4}{98.6} \\ \frac{553982.0}{499.2} \\ \frac{550.1}{189750.0} $	$ \frac{98.6}{110.8} 99.8 $
<u>Iron</u> <u>Magnesium</u> 	<u>200000</u> <u>500000</u> 	<u> </u>				494978		<u>100.3</u>
<u>-</u>								



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5A SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

	MI	-2RS	

Lab Name: STL Newburgh	Contract:	
Lab Code: 10142 Case No.:	SAS No.:	SDG No.:
Matrix (soil/water): <u>Water</u>	Line L	evel (low/med):
% Solids for Sample:		

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q M	
Analyte Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	*R 75-125 75-125 	Result (SSR) C	Result (SR) C 25404.1465	Added (SA) 40.00 200.00	*R 84.1 83.8 	Q M - NI - P - P - NI - NI	

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5A SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ML-2RS

Contract:

SAS No.:

SDG No.:

Level (low/med):

Matrix (soil/water): Water

Lab Code: <u>10142</u> Case No.: _____

Lab Name: STL Newburgh

% Solids for Sample:

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	۶R	Q M
Anaryce Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	21168.9245	21139.4871 164.7524 33.0098		<u>24.5</u> <u>112.0</u> <u>105.8</u> 	$\begin{array}{c c} \mathbf{x} & \mathbf{x} \\ \mathbf{y} & \mathbf{x} \\ \mathbf{y} \\ $

Comments:

ТL

NYSDOH 10142

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NJDEP 73015

PA 68-378

M-NY049

CTDOHS PH-0554

EPA NY049

6 DUPLICATES

EPA SAMPLE NO.

ML-2RD

Co	n	t	r	a	qt	2	•	

SAS No.:

SDG No.:

Level (low/med):

% Solids for Duplicate:

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Analyte	Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	М
Analyte Aluminum Arsenic Calcium Chromium Copper Iron Magnesium		Sample (S) 25404.1465 167.7066 84.1420 		Duplicate (D)		RPD 0.0 0.7 1.6		$ \begin{array}{ c c c c c } \mathbb{M} & & & & \\ \hline \mathbb{N}\mathbb{R} & \mathbb{P} & \mathbb{N}\mathbb{R} \\ \mathbb{P} & & & \mathbb{N}\mathbb{R} \\ \mathbb{P} & & & \mathbb{N}\mathbb{R} \\ \mathbb{N}\mathbb{R} & & & & \\ \hline \mathbb{N}\mathbb{R} & & & \\ \hline \mathbb{N} & \mathbb{N}\mathbb{R} & & \\ \hline \mathbb{N} & \mathbb{N} \mathbb{N} & \mathbb{N} & \mathbb{N} & \\ \hline \mathbb{N} & \mathbb{N} & \mathbb{N} & \mathbb{N} & \\ \hline \mathbb{N} & \mathbb{N} & \mathbb{N} & \mathbb{N} & \\ \hline \mathbb{N} & \mathbb{N} & \mathbb{N} & \mathbb{N} & \\ \hline \mathbb{N} & \mathbb{N} & \mathbb{N} & \mathbb{N} & \mathbb{N} & \\ \hline \mathbb{N} & \mathbb{N} & \mathbb{N} & \mathbb{N} & \\ \hline \mathbb{N} & \mathbb{N} & \mathbb{N} & \mathbb{N} & \mathbb{N} & \\ \hline \mathbb{N} & \mathbb{N} & \mathbb{N} & \mathbb{N} & \mathbb{N} & \\ \hline \mathbb{N} & \mathbb{N} & \mathbb{N} & \mathbb{N} & \mathbb{N} & \\ \hline \mathbb{N} & \mathbb{N} & \mathbb{N} & \mathbb{N} & \mathbb{N} & \\ \end{array} \end{array} \\ \end{array} \\ \end{array} \end{array} $
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FORM VI - IN

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Lab Name: <u>STL</u> Newburgh

Matrix (soil/water): Water

% Solids for Sample:

Lab Code: 10142 Case No.:

M-NY049

ILM04.0

U. S. EPA - CLP 6 DUPLICATES

EPA SAMPLE NO.

- 1

1

Lab Name: <u>STL Newburgh</u>	Contract:	ML-2RD
Lab Code: <u>10142</u> Case No.:	SAS No.: S	DG No.:
Matrix (soil/water): <u>Water</u>	Level (lo	w/med):
<pre>% Solids for Sample:</pre>	% Solids for Dupli	cate:

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Analyte	Limit	Sample (S) C		Duplicate (D) C	RPD	Q	М
Analyte Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	Limit	Sample (S) C 21139.4871 164.7524 33.0098 		Duplicate (D) C	RPD 1.8 2.3 3.6		$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$
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FORM VI - IN

ILM04.0 STL Newburgh

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7

LABORATORY CONTROL SAMPLE

Lab Name: STZ-Newburgh	Contract:
Lab Code: <u>10142</u> Case No.:	SAS No.: SDG No.: _
Solid LCS Source: M04SO47UGL	
Aqueous LCS Source: M04ILCS003	

		lueous (ug/	'L) %R	The second second	oli C	ld (mg/Kg) Lim	ita	%R
Analyte	True	Found	6K	True	 ر ب . ـــــــــــــــــــــــــــــــــــ			010
Aluminum Arsenic	2000.0	1986.75	99.3		 -			
Calcium					 _			
Chromium Copper	500.0	476.34 1834.98	<u>95.3</u> 91.7		 -			
Iron Magnesium					 -	••••••••••••••••••••••••••••••••••••••		
Magnestum								
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9 ICP SERIAL DILUTIONS

EPA SAMPLE NO.

MAT OD	
ML - 2R	

Lab	Name:	STL New	burgh	 Cont	ract:	
Lab	Code:	10142	Case No.:	 SAS	No.:	
Mat:	rix (so	oil/wate	r): Water			

SDG No.:

Level (low/med):

Concentration Units:

	Initial Cample	Serial	% Differ-	
Analyte	Result (I) C	Result (S) C	ence	QM
Analyte Aluminum Arsenic Calcium Chromium Copper Iron Magnesium	Initial Sample Result (I) C 	Dilution	Differ-	Q M





NYSDOH 10142

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EPA NY049

M-NY049 8

NJDEP 73015

9 ICP SERIAL DILUTIONS

EPA SAMPLE NO.

			MI-2R
Lab Name: STL Newburgh	Contract:		
Lab Code: <u>10142</u> Case No.:	SAS No.:		SDG No.:
Matrix (soil/water): Water		Level (lo	ow/med):

Concentration Units:___

1	1		Serial		8	T		
	Initial Sample	. 1	Dilution		Differ-			
Analyte		cl	Result (S)	C	ence	Q	М	
maryce		~	1000410 (0)			~		
	l	_		_				
Aluminum				_		_	<u>NR</u>	
Arsenic	7046.50	_	6563.05		6.9		P	
Calcium		-		- 1		-	P	
				-		·		
Chromium	164.75	_	160.59	_	2.5	_	<u>P</u>	
Copper	33.01	_	32.37	3	1.9		Ρ	
Iron		-		· 17.	7		P	an
	3750.59	B	3520.10	B	6.1	1		
Magnesium				브		-	±	
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EPA NY049

13 PREPARATION LOG

Lab Name: STL NEWBURGH Lab Code: 10142 Method : P Contract:

SDG NO.: 241274

	r		r
Cample	Preparation	Weight	Volume
Sample No.	Date	(gram)	(ml)
MB	10/7/04	(grann)	50.0
LCS	10/7/04		50.0
241274-01	10/7/04		50.0
241274-01	10/7/04		50.0
241274-02	10/7/04		50.0
241274-03	10/7/04		50.0
241274-05	10/7/04		50.0
241274-06	10/7/04		50.0
241274-07	10/7/04		50.0
241274-08	10/7/04		50.0
241274-09	10/7/04		50.0
241274-10	10/7/04		50.0
241274-11	10/7/04		50.0
241274-12	10/7/04		50.0
241274-13	10/7/04		50.0
241274-14	10/7/04		50.0
274-12MD	10/7/04		50.0
274-12MS	10/7/04		50.0
274-12MS	10/7/04		50.0
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M-NY049 Te

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14

ANALYSIS RUN LOG

Lab Name: STL Newburgh

Contract: _____

Method: P

SAS No.:

End Date: 10/12/2004

SDG No.:

Instrument ID Number: ICP1

Lab Code: 10142 Case No.: _____

Start Date: 10/12/2004

Analytes EPA C Ρ MM Т Sample D/F Time % R S Α S Α В В С С С С CF Ν K S Α Ν D R 0 U Ε В G Ε G Α С L В S Α Ε A Α Ν Ι L No. Η 1453 IS 1.00 $\frac{\overline{X}}{\overline{X}}$ $\frac{\overline{X}}{\overline{X}}$ $\frac{\overline{X}}{\overline{X}}$ X $\frac{\overline{X}}{\overline{X}}$ X X CAL 1.00 1454 ____ ____ X x CAL 1.00 1458 1501 1.00 CAL 1505 CAL 1.00 X K 1.00 1508 SB 1.00 1512 1516 AS 1.00 x 1519 1.00 NA 1.00 1522 3-3 ICV 1.00 1526 X ICV 1.00 1530 $\frac{\overline{X}}{\overline{X}}$ $\frac{\overline{X}}{\overline{X}}$ $\frac{\overline{X}}{\overline{X}}$ XXXX x X ICV 1.00 1534 ____ X X X ICB 1538 1.00 $\frac{\overline{x}}{\overline{x}}$ x CRI 1.00 1542 XXX ----x X X x X ICSA 1.00 1547 ____ X x X X X 1552 x ICSAB 1.00 1556 CCV 1.00 X X X X X X CCV 1.00 1600 X X X X X X X X X X CCV 1.00 1604 X $\frac{\overline{X}}{\overline{X}}$ x x X XXXXXXXXX 1608 CCB 1.00 1.00 1612 MB XXXX LCSW 1.00 1616 ____ 1.00 1620 ML-10 1625 ML-12 1.00 X 1.00 1629 ML-3 ----------X X ML-11 1.00 1633 1637 ML-9 1.00 X X X ML-14 1.00 1641 1646 1.00 ML-8

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14 ANALYSIS RUN LOG

Lab Name: STL Newburgh

Contract: _____

End Date: 10/12/2004

SAS No.:

Method: P

SDG No.:

Instrument ID Number: ICP1

Lab Code: 10142 Case No.:

Start Date: 10/12/2004

Analytes EPA MM Т D/F Time 8 R S Α S Α В В С C С С С С F Ρ NK S Α N Sample 0 U Ε Ε G Α С L В S Α Ε D Α Α R В G Ν Ι L No. Η X X Χ 1650 ML-6 1.00 CCV 1.00 1654 X X x x X X CCV 1.00 1659 x 1703 CCV 1.00 X X XXX x X X 1.00 1707 CCB X X ML-13 1.00 1711 1716 ML-1 1.00 X X X X 1.00 X p. Blank 1720 ----x 1724 ML-2R 1.00 X ML-2RD 1.00 1728 X X ML-2RS 1.00 1732 1737 ML-2RS 1.00 X X 5.00 ML-2RL 1741 CCV 1745 1.00 x x X x x X 1.00 CCV 1749 -----XXX CCV 1753 1.00 X x x x X X CCB 1.00 1757 1801 ML-2R 3.00 X 1.00 ML-2RD 1806 XXXXXX ML-2RS 3.00 1810 ML-2RL 5.00 1814 XXXXXXXX x ML-41.00 1818 X 1.00 1823 ML-5 Ī $\frac{\overline{X}}{\overline{X}}$ CRI 1.00 1827 $\frac{\overline{X}}{\overline{X}}$ x XXX $\frac{\overline{X}}{\overline{X}}$ X 1.00 ICSA 1832 . $\overline{\overline{\mathbf{X}}}$ X ICSAB 1.00 1836 CCV 1.00 1840 X X X CCV Χ X X 1845 1.00 x CCV 1.00 1849 x x X X X X Χ CCB 1.00 1853

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CTDOHS PH-0554

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EPA NY049
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M-NY049

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14 ANALYSIS RUN LOG

Lab Name: STL Newburgh

Contract:

SAS No.:

SDG No.:

Instrument ID Number: ICP3

Lab Code: 10142 Case No.:

Start Date: 10/12/2004

Method: P____

End Date: <u>10/12/2004</u>

													7	٩na	aly	rte	s									
EPA												1					-									
Sample	D/F	Time	6	R	S	A	A	В	С	C	С	С	F	М	С											
No.		1			C	L	S	A	Α	R	0	U	E	G	Α											
									H	_								_		_			_			
IS	1.00	1101																								
CAL	1.00	1102				X	X			X		Χ	Χ	Х	Х	· .									-	_
CAL	1.00	1106				$\frac{\overline{X}}{\overline{X}}$				$\overline{\underline{X}}$		$\frac{x}{x}$	XXX	$\frac{x}{x}$	XXXX	_	_	_		_	_		_	_	_	_
K	1.00	1110			-			_			_				X	_	_	_		_				_	_	_
AS	1.00	1114			_	_	_	_	_	_	_			_		_		_		_	_	_	_	_		_
ICV	1.00	1118				_	x	_	_	_	_				_	_					·	_	_	_	_	_
ICV	1.00	1122	-	· · ·		$\overline{\underline{x}}$		_	_	X	_	X	$\frac{x}{x}$	$\frac{x}{x}$	$\frac{\overline{X}}{\overline{X}}$			_	_	_1		_	_	<u> </u>	_	_
ICB	1.00	1126				X	X	_	_	X	_	X	X	X	X	_		_	·	_		_	_	_	_	_
CRI	1.00	1130			_		X X X X	_	_	X	_	X X X X X X		-		_	_	_	_	_	-	_	_	_	_	_
ICSA	1.00	1134			_	X	X			X	_	X	X	X	X			_				_	_	_	_	_
ICSAB	1.00	1139			_	<u>X</u>	X	_		X		X	XXXX	X X X	XXXX	_		_			_	_	_			_
CCV	1.00	1144		· · ·	_			_	_	XXXXXXXX	_	X	X	X	X			_			_	_	_	_	_	_
CCV	1.00	1148			_			_			_	_	_		_		_	_		_	_	_	_	_	_	_
CCB	1.00	1152		· · · · · ·	_	x	X	_		X		X	X	X	X	_		_		_	_		_		_	_
ML-10	1.00	1156			_	_	X		_	X		X		_		_					_	_		_	_	_
ML-12	1.00	1200			_	_	X			X		Ξ	_					_		_	_	_	_	_	_	_
ML-3	1.00	1204			_	-	X	_		X	_	X	·	_	_	_	-	_		_	_	_	_	_	_	_
ML-11	1.00	1208			_		X	-	_	X	_	X	_	_	_	_			_	_	_	_	_	_	_	_
ML-9	1.00	1212					X	_	·	X	_	Ξ	_	_	_	_		_	_	_	_]	_	_	_		_
ML-14	1.00	1216			_		X	_	<u> </u>	X		<u>X</u>	_	_		_	_		_	_	_	_	_	_	_	
ML-8	1.00	1220					X	_	_	X		X		_		_	_	_		_	_	_	_	_	_	
ML-6	1.00	1225					X			X	_	<u>X</u>	_	_			_	_			_	_	_	_	_	_
ML-13	1.00	1229					X	_		X X X X X X X X X X X X X X X X X X X			_		_	_	_		_	_	_		-	_	_	_
<u>ML-1</u>	1.00	1233			_	_	X	_	_	X	_	X			_	_	_	_	_		_		_	_	_	
CCV	1.00	1237			_	Ξ	_	_	_	X	_	Σ	X	X	X	_	_	_	_	_	_	_	_	_	_	
CCV	1.00	1241		·	_		XXXX	_	_		_					_					_	_	_	_	_	_
CCB	1.00	1245			_	x	X	_	_	X	_	X	X	X	X	_					_		-	_	_	
p. Blank	1.00	1249		·	_		X	_	_	$\frac{1}{X}$	_	$\left \frac{X}{X}\right $				_	_				_	_			_	_
ML-2R	1.00	1253	·					_		XXXXX	_	X X X X			_	_		_	_		_					_
ML-2RD	1.00	1257			-	_		_		$\overline{\mathbf{x}}$		<u>x</u>		—	_	-	-		_			_	_		_	_
					-	_		_	_					_		_	_	_			_			-	-	
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EVERN FRENT

PA 68-378

M-NY049

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14 ANALYSIS RUN LOG

Lab Name: STL Newburgh

Lab Code: 10142

ML-4

ML-5

ICSA

CRI

CCV

CCV

CCB

CRI

CCV

CCV

CCB

SEVERN STL.

ICSA

Contract:

SAS No.:

End Date: 10/12/2004

Method: P

SDG No.:

Instrument ID Number: ICP3

Case No.:

Start Date: 10/12/2004

Analytes EPA C Sample D/F Time 8 R S Α Α В C С С С F М Α 0 U E G С L S Α R Α No. H $\frac{\overline{X}}{\overline{X}}$ X 1301 ML-2RS 1.00 XXXXXXXXXXX 5.00 ML-2RL 1305 $\frac{\overline{X}}{\overline{X}}$ XXXXXXXXXX 1.00 1309 1313 1.00 1317 1.00 XXX $\frac{\overline{X}}{\overline{X}}$ XXX $\frac{\overline{X}}{\overline{X}}$ Χ 1.00 1322 XXX ICSAB 1.00 1326 X 1331 1.00 XX 1.00 1335 x X X X X x 1.00 1339 ZZZZZZ 1.00 1411 1.00 1412 ZZZZZZ • XXXXXXXXXXX ML-2R 3.00 1416 _____ 1420 ML-2RD 3.00 3.00 ML-2RS 1424 ____ XXXXXXX X X X 3.00 ML-2RL 1428 $\overline{X} \overline{X} \overline{X} \overline{X} \overline{X}$ 1432 1.00 1436 XXX $\overline{X} = \overline{X}$ $\frac{\overline{X}}{\overline{X}}$ X 1,00 XXX 1.00 1441 ICSAB 1.00 1446 x 1450 1.00 x x x X X X x 1.00 1454 ZZZZZZ 1.00 1458

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CTDOHS PH-0554

EPA NY049

PA 68-378 M-NY049

U. S. EPA - CLP 14 ANALYSIS RUN LOG

Lab	Name:	STL N	ewburgh	
Lab	Code:	10142	Case	No.:
Inst	rument	ID N	umber:	ICP3

Contract: ____

SDG No.:

Method: P

End Date: <u>10/13/2004</u>

SAS No.:

Start Date: <u>10/13/2004</u>

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EPA		1. P			١.								F	1110	ι <u>τ</u> γ											
Sample	D/F	Time	00	R	S	A	S	A	B	B	C	C	C	C	C	F	P	M	М	Ν	K	S	A	N	T	\overline{v}
No.	D/F	TTUC	0	17	C	L	В	S	A	E	D	A	R	0	U	Ē	B	G	N	I	1	Ē	G	A	L	•
NO.								5	n		<u> </u>	H	1.	Ŭ	0	-		Ŭ	- •	-						
IS	1.00	1545		<u> </u>	⁻	-	-			-	—		-		-	· <u> </u>	-	-	-		—		-	—	-	-
CAL	$\frac{1.00}{1.00}$	$\frac{1545}{1545}$		······	-	$\overline{\mathbf{x}}$	-	x		-	-	-	$\overline{\mathbf{x}}$		$\overline{\mathbf{x}}$	$\overline{\mathbf{x}}$	_	$\overline{\mathbf{x}}$	-				-	-	-	-
CAL	1.00	$\frac{1515}{1545}$			-	$\frac{\overline{X}}{\overline{X}}$	-		-	-			$\frac{\overline{X}}{\overline{X}}$	-	$\frac{\overline{X}}{\overline{X}}$	$\frac{\overline{X}}{\overline{X}}$	-	$\frac{\overline{X}}{\overline{X}}$	<u> </u>	_	-	-	-	-	-	-
CAL	$\frac{1.00}{1.00}$	$\frac{1515}{1545}$			-	=		-		-			=	- 1	=		-	-	-		- 7	-	-	-	-	-
CAL	$\frac{1.00}{1.00}$	$\frac{1515}{1545}$			-	-	-			-					·						-		-	-	-	
K	$\frac{1.00}{1.00}$	$\frac{1515}{1545}$;					-	-		-	-	-	-		-	-	-		-	-		-	-	-	-
SB	$\frac{1.00}{1.00}$	$\frac{1515}{1545}$			-	-		-		-		-	-	-	-		-	-		-		· <u></u> .		-	-	-
3-3	$\frac{1.00}{1.00}$	$\frac{1515}{1545}$			-	-	-		-	-	<u>.</u>	-		-	-	-	-	-	-		-		-		-	-
AS	1.00	$\frac{1515}{1545}$		· · · · · · · · · · · · · · · · · · ·	-	-	-	-		-	-	-	—	—	_	-		_		-	-		-	-	_	-
NA NA	1.00	1545			-	-		_	-	-	_	-	-		-	-	-		-	-				_		-
ICV	1.00	1546			-	-	-	-	-	-	—	-	_	-	-	-	-	-	_	-	-		-	-	-	-
ICV	1.00	1546			-	-		X	-	_	-	-	-		1	_	_	_	-		-		-	_	_	-
ICV	1.00	1546			-	x			-		-	-	x	-	x	x	_	x	_	-	-		-		_	_
ICB	1.00	1546			-	$\frac{\overline{X}}{\overline{X}}$	_	x	-	_	_	-	XIXIXIXIX	-	× × × × ×	$\frac{\overline{x}}{\overline{x}}$	_	XX	-	-	-					
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ICSAB	1.00	1547			-	$\frac{\overline{X}}{\overline{X}}$	-	X	_		-	-	X	_	X	$\frac{\overline{x}}{\overline{x}}$	_	$\overline{\mathbf{X}}$								
CCV	1.00	1547						-		-			-	-			-		-	-						
CCV	1.00	1547			-	X	-	_		-	-	-	X	_	X	X		X	_							
CCV	1.00	1548			-		-	XX	-		-		· · ·	_												
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PA 68-378

STF Newburgh 315 Fuilenton Avenue Newburgh, NY 12550 Tel (845) 562-0890 Fax (845) 562-0841

14 ANALYSIS RUN LOG

Lab Name: STL Newburgh

Contract:

Method: P

SAS No.:

End Date: 10/13/2004

SDG No.:

Instrument ID Number: ICP3

Lab Code: 10142 Case No.:

Start Date: 10/13/2004

Analytes EPA C Т V D/F % R S В C C F Ρ Μ Μ Ν Κ S Α Ν Time Α S Α B C С Sample U Ε G T Ε E D А 0 В Ν G AL С L В S А R No. Η 1.00 ZZZZZZ 1550 CCV 1.00 1551 X X X x x CCV 1.00 1551 x 1.00 1551 CCV X X X X X Χ CCB 1.00 1552 ZZZZZZ 1.00 1552 1.00 1552 ZZZZZZ ZZZZZZ 1.00 1553 ZZZZZZ 1.00 1553 ZZZZZZ 1.00 1553 ZZZZZZ 1.00 1553 ZZZZZZ 1.00 1554 CRI 1554 1.00 ICSA 1.00 1554 ICSAB 1.00 1555 CCV 1.00 1555 X Χ X X X 1555 CCV 1.00 x CCV 1.00 1556 X x X X X X CCB 1.00 1556 ZZZZZZ 1556 1.00 1557 ZZZZZZ 1.00 ZZZZZZ 1.00 1557 ZZZZZZ 1.00 1558 1558 1.00 MD 1.00 1558 MS MS 1.00 1559 1559 SD 1.00 1.00 1559 ZZZZZZ 1.00 ZZZZZZ 1600 CCV 1.00 1600

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

14 ANALYSIS RUN LOG

Lab Name: STL Newburgh

Contract:

SAS No.: ____

Method: P

SDG No.:

Instrument ID Number: ICP3

Lab Code: 10142 Case No.:

Start Date: 10/13/2004

End Date: 10/13/2004

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EPA								-				A	na	ι⊥у	rte	es									
Sample	D/F	Time	% R	S	A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	N I	K	S E	A G	N A	T L	v
EPA Sample No. CCV CCV CCB PDS PDS ML-9 ML-9 ML-8 ML-1 ZZZZZZ MD CRI ICSA ICSAB CCV CCV CCV CCV	D/F 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	Time 1600 1601 1601 1602 1602 1602 1603 1603 1604 1604 1605 1605 1605 1605 1605 1606 1607 1607	% R			S B	A S X X X X X X X X X X	B A 	BE		A H 	C	C 0		F					ж		₩ U			
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EPA NY049

M-NY049

315 Fuller on Avenue Newburgh, NY 12550 Tel (845) 562-0890 Fax (845) 562-0841

14 ANALYSIS RUN LOG

Lab Name: STL Newburgh

Lab Code: 10142

Contract:

SDG No.:

Method: P

SAS No.:

End Date: 10/13/2004

Instru	iment]	D Numb	er: IC	CP3

Case No.:

Start Date: <u>10/13/2004</u>

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NA	1.00	1545	· · ·	-	-			_		-							-								
ICV	1.00	1546		- -	-	-	-	-		_				-		_									
ICV	1.00	1546		-		-	-	_	-					-	_		-	-	_	-		-		$\left[- \right]$	
ICV	1.00	1546		- -	-	-	x			-			-	-			-	-	_	-		-		_	
ICB	1.00	1546			-	-	$\frac{\overline{X}}{\overline{X}}$	-	-					_	-	-				-	-	-	-		
CRI	1.00	1546		-	-			-	_			-	-	-	-	_	-	-		-		-			
ICSA	1.00	1547		-	1		X	-	-	-	-	-			_			, —		-	_	-	-		
ICSAB	1.00	1547		-	-	-	XX	-	-	-		-	-	-		-	-	-				-			
CCV	1.00	1547		-	-		1.1	-	1	. —		-	-	-		_	-			-			-		-
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CCV	$\frac{1.00}{1.00}$	1548		-	-	-	=		-		-	-	-		-	-	-	-	-	-	-	-	-	-	-
CCB	$\frac{1.00}{1.00}$	1548		- -	-	-	$\overline{\mathbf{X}}$	-	-		-		-	-	_					-		-	-	-	
MB	$\frac{1.00}{1.00}$	$\frac{1510}{1548}$		- -	-	-		-	<u> </u>	-	-	-		-	—		-		-			-		-	
LCSS	1.00	$\frac{1548}{1548}$		-	-	-	-	-	-	-	—	-		—	-		-	-	-	-				-	-
ZZZZZZ	$\frac{1.00}{1.00}$	$\frac{1540}{1549}$		- -	-		-	-	-	-	—	-		-			-	-	-		-	-	-		-
MD	$\frac{1.00}{1.00}$	1549		-	-	-	-	-			-		-	—	-		-	-	-	-	-			-	-
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SD		$\frac{1549}{1550}$		- -	-	-		-		_		-		—			-	 1	-	-		-	-	-	
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ZZZZZZ	1.00	1550		-	-	-	-	-	-	-		-			-	-	-	-	-	-	-		-	-	-
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CTDOHS PH-0554

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M-NY049

14

ANALYSIS RUN LOG

Lab Name: STL Newburgh

Contract:

Lab Code: 10142 Case No.: Instrument ID Number: ICP3

Start Date: 10/13/2004

SAS No.:

SDG No.:

Method: P

End Date: 10/13/2004

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EPA																									<u>.</u>
Sample	D/F	Time	% R	Z	В	М	C	Ν																	
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ZZZZZZ	1.00	1550		_	_	-	_	_																_	
CCV	1.00	1551			-	_	_	_		_														_	
CCV	1.00	1551					X								_		_			_			_	_	
CCV	1.00	1551	-												_					_			_		
CCB	1.00	1552					X				_		_	_	_					I	_	-	_		
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STL NYSDOH 10142 315 Futte Newburgh, NY 12550 Tel (845) 562-0890 Fax (845) 562-0841

CTDOHS PH-0554

NJDEP 73015

PA 68-378

M-NY049

EPA NY049

U. S. EPA - CLP 14 ANALYSIS RUN LOG

Lab Name: STL Newburgh

Contract:

SAS No.:

Method: P

SDG No.:

Instrument ID Number: ICP3

Lab Code: 10142 Case No.:

Start Date: <u>10/13/2004</u>

End Date: <u>10/13/2004</u>

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CCB	1.00	1601		-	-		X	-	-	-	-			-		-	-			-	-	_	-		-
PDS	1.00	1602		-	-		==	-	-	-	-		-	-	-	-		-		-	-		-	-	-
PDS	1.00	1602		-	-	—	-						_	-		- -	-				-	-	-	-	-
ML-9	1.00	$\frac{1002}{1602}$		-	-	-	-	-	-	-	-	-		-	-	—	-	-		-	-	<u> </u>	-	-	
ML-8	1.00	$\frac{1002}{1603}$		-	-	—	-	-	-		-	—	-	-	-	—	-	-	-	-	-			-	-
ML-1	$\frac{1.00}{1.00}$	$\frac{1003}{1603}$					_			—	-				-	—	-	-		-	—			-	
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CCV CCV	1.00	1606	. <u>.</u>	_			X	_			-		_	_	_			_	_	_	_	_	_		
CCV	1.00	1607			_	_				-	_	_		_	-		·				_		_	_	
CCB	1.00	1607		_			X							_			_	_			_		_		
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EPA NY049

PA 68-378

M-NY049

10 INSTRUMENT DETECTION LIMITS

Lab Name: STL NEWBURGH Lab Code: 10142 ICP ID Number: ICP-1 Flame AA ID Number: Furnace AA ID Number: Contract: SDG NO.: 241274 Date : March-04

	Wave- length	Back-	CRDL	IDL	
Analyte	(nm)	ground	(ug/l)	(ug/l)	М
Aluminum	308.22		200.0	38.4	Р
Antimony	206.83		60.0	7.1	P
Arsenic	188.98		10.0	2.7	Р
Barium	233.53		200.0	0.4	Р
Beryllium	313.11		5.0	0.4	P.
Boron	249.68		50.0	4.1	Ρ
Cadmium	226.50		5.0	0.4	Р
Calcium	430.25		5000.0	51.7	Р
Calcium	227.55		5000.0	76	Р
Chromium	205.55		10.0	0.7	Р
Cobalt		· · ·	50.0	3.2	Р
Copper	324.75		25.0	3.3	Р
Iron	273.96		100.0	18.9	Р
Lead	220.35		3.0	2.5	Ρ
Magnesium	279.08		5000.0	11.7	Р
Manganese	257.61		15.0	1.1	P
Mercury			·		Ρ
Molybdenum	202.03		50.0	2.3	Р
Nickel	231.60		40.0	2.6	Ρ
Potassium	766.49		5000.0	54.8	Ρ
Selenium	196.03		5.0	6.6	Р
Silver	338.29		10.0	1.9	Р
Sodium	330.24		5000.0	130	Р
Sodium	589.00		5000.0	18.8	Р
Thallium	190.80	-	10.0	2.8	Р
Tin	189.93		200.0		Р
Vanadium	292.40		50.0	3.3	
Zinc	206.20		20.0	1.9	P_



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M-NY049

STL Newburgh 315 Fullerton Avenue Newburgh, NY 12550 Tel (845) 562-0890 Fax (845) 562-0841

NJDEP 73015

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EPA NY049
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11A ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL NEWBURGH Lab Code: 10142 ICP ID Number: ICP-1

Contract: SDG No.: 241274 March-04 Date:

	Wave-		·			
	length		Interelement Co	prrection Factor		
Analyte	(nm)	Al	Ca	Fe	Mg	Mn
Aluminum	308.22		0.0000000	-0.0150000	0.0000000	0.0000000
Antimony	206.33	0.000000	0.0000000	0.0000000	0.000000	0.0000000
Arsenic	188.98	0.0630000	0.0000000	-0.0900000	0.000000	0.0000000
Barium	233.53	0.0000000	0.0000000	0.0000000	0.0000000	0.000000
Beryllium	313.11	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.000000	0.0000000	0.0300000	0.0000000	0.0000000
Calcium	430.25	0.000000		0.0000000	0.0000000	0.000000
Chromium	205.55	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.000000
Copper	324.75	0.000000	0.0000000	-0.0100000	0.0000000	0.0000000
Iron	273.96	-0.0150000	0.0000000		0.0000000	0.000000
Lead	220.35	-0.0500000	0.0005000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000		0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0250000	
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	-0.0050000	-0.0400000	0.5000000	0.0000000	0.0000000
Silver	338.29	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.24	0.000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.80	-0.0550000	0.0000000	0.0000000	0.0000000	1.5000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0350000	0.000000

FORM XI (PART 1) - IN

000073

M-NY049

PA 68-378

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EPA NY049

CTDOHS PH-0554

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SEVERN STL

11B ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL NEWBURGH Lab Code: 10142 ICP ID Number: ICP-1 Contract: SDG No.: 241274 Date: March-04

	Wave-		
	length	1	nterelement Correction Factors for:
Analyte	(nm)		
			V
Aluminum	308.22	0.0000000	0.0000000
Antimony	206.33	0.0000000	0.0000000
Arsenic	188.98	0.0000000	0.0000000
Barium	233.53	0.0000000	0.000000
Beryllium	313.11	0.0000000	0.000000
Cadmium	226.50	0.2300000	0.000000
Calcium	430.25	0.0000000	0.000000
Chromium	205.55	0.0000000	0.000000
Cobalt	228.62		0.0000000
Copper	324.75	0.0000000	0.000000
Iron	273.96	0.0000000	0.0000000
Lead	220.35	0.0000000	0.000000
Magnesium	279.08	0.0000000	0.000000
Manganese	257.61	0.0000000	0.000000
Mercury		0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.000000
Selenium	196.03	0.0000000	0.000000
Silver	338.29	0.0000000	0.000000
Sodium	330.24	0.0000000	0.000000
Thallium	190.80	0.0000000	1.0755400
Vanadium	292.40	0.0000000	
Zinc	206.20	0.0000000	0.0000000

FORM XI (PART 1) - IN



NYSDOH 10142

NJDEP 73015

EPA NY049

CTDOHS PH-0554

000074

M-NY049

PA 68-378

12 ICP LINEAR RANGES

Lab Name: STL NEWBURGH Lab Code: 10142 ICP ID Number: ICP-1 Contract: SDG No.: 241274 Date: March-04

	Integ.		
	Time	Concentration	
Analyte	(Sec.)	(ug/l)	M
Aluminum	20.0	500000.0	Р
Antimony	20.0	10000.0	Р
Arsenic	20.0	20000.0	Р
Barium	20.0	50000.0	Р
Beryllium	20.0	10000.0	Р
Cadmium	20.0	10000.0	Р
Calcium	20.0	600000.0	Ρ
Chromium	20.0	40000.0	Р
Cobalt	20.0	50000.0	Р
Copper	20.0	50000.0	P
Iron	20.0	100000.0	Р
Lead	20.0	25000.0	Р
Magnesiur	n 20.0	500000.0	Р
Manganes	20.0	20000.0	Р
Mercury	20.0		
Nickel	20.0	50000.0	Р
Potassium	20.0	10000.0	Ρ
Selenium	20.0	10000.0	Р
Silver	20.0	2500.0	Р
Sodium	20.0	500000.0	Р
Thallium	20.0	10000.0	
Vanadium	20.0	50000.0	Р
Zinc	20.0	20000.0	Ρ

FORM XII - IN



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10 INSTRUMENT DETECTION LIMITS

Lab Name: STL NEWBURGH Lab Code: 10142 ICP ID Number: ICP-3 Flame AA ID Number: Furnace AA ID Number:

SDG NO.: 241274

Contract:

Date :

March-04

Analyte	Wave- length (nm)	Back- ground	CRDL (ug/l)	IDL (ug/l)	M
Aluminum	308.22		200.0	18.2	Ρ
Antimony	206.83		60.0	5.8	Ρ
Arsenic	188.98		10.0	1.9	Ρ
Barium	233.53		200.0	0.4	Ρ
Beryllium	313.11		5.0	0.3	Ρ
Boron	249.68		50.0	2.3	P
Cadmium	226.50	1.	5.0	0.4	P
Calcium	430.25		5000.0	35.8	Ρ
Calcium	227.55		5000.0	90	Ρ
Chromium	205.55		10.0	0.6	Ρ
Cobalt	228.62		50.0	2.5	Ρ
Copper	324.75		25.0	1.6	P
Iron	273.96		100.0	16.8	Ρ
Gold	242.80		50.0	6.3	P
Lead	220.35		3.0	1.1	Ρ
Lithium	670.78		50.0		Ρ
Magnesium	279.08		5000.0	6.0	Ρ
Manganese	257.61		15.0	0.9	Р
Mercury	1. Sec.				
Nickel	231.60		40.0	1.7	Ρ
Molybdenum	202.03	2000	50.0	4.4	Р
Potassium	766.49		5000.0	40.9	Р
Selenium	196.03		10.0	8.7	P.
Silicon	251.61		50.0	17.5	Ρ
Silver	338.29		10.0	2.2	Ρ
Sodium	330.24		5000.0	9	Ρ
Sodium	589.00		5000.0	23	Р
Thallium	190.80		10.0	3.3	
Vanadium	292.40		50.0	2.3	Ρ
Zinc	206.20		20.0	3.9	Ρ
Tungsten	207.91		100.0	2.3	

FORM X - IN



NYSDOH 10142

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M-NY049

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		11A		
ICP INTEREL	EMENT COR	RECTION F	ACTOR	S (ANNUALLY)

. .

Lab	Name:	STL	NEW	BURG	iΗ		
Lab	Code:	1014	2				
ICP	ID Nun	nber:	ICP-3			÷	

Contract:	
SDG NO.:	241274
Date:	January-04

	Wave-					
	length		Interelement Co			Ma
Analyte	(nm)	Al	Ca	Fe	Mg	Mn
			430.253	0.0000000	0.0000000	0.0000000
Aluminum	308.22		0.1650160	0.0000000	0.000000	0.0000000
Antimony	206.33	0.0000000	0.0500000	0.0000000	0.0000000	0.0000000
Arsenic	188.98	0.000000	-0.0200000	0.0000000	0.0050000	0.0000000
Barium	233.53	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.11	0.0000000	0.0000000	0.000000	0.0000000	0.0000000
Boron	381.80	0.0000000	0.0000000	0.0000000	0.0000000	0.000000
Cadmium	226.50	0.0000000	0.0000000	0.0700000	0.0000000	0.0000000
Calcium	430.25	0.9870310		0.0000000	0.0000000	0.000000
Calcium	227.55	0.0000000	0.0000000	-15.0779000	0.0000000	0.0000000
Chromium	205.55	0.0000000	0.0000000	0.0000000	0.0000000	0.000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.000000
Gold	242.80	0.0000000	0.0000000	0.000000	0.0000000	0.000000
Iron	273.96	0.0000000	0.0000000		0.0000000	0.000000
Lead	220.35	-0.1000000	-0.0200000	0.0246664	0.0000000	0.1579530
Lithium	670.78	0.0000000	0.0000000	0.0000000	0.0000000	0.000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000		0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0162963	
Molybdenum	202.03	0.0000000	0.0000000	0.000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.000000
Potassium	766.49	0.0000000	0.0000000	0.000000	0.0000000	0.0000000
Selenium	196.03	0.0313362	0.0150000	-0.3422160	-0.0118411	0.000000
Silver	338.29	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.24	0.0000000	2.4839700	0.0000000	0.0000000	29.7667000
Thallium	190.80	0.0000000	-0.0300000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.000000
Zinc	206.20	0.0368777	0.0000000	0.0000000	0.0300000	0.0000000

FORM XI (PART 1) - IN

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M-NY049

PA 68-378

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NJDEP 73015

NY049

11B

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: STL NEWBURGH	Contract:	
Lab Code: 10142	SDG No.:	241274
ICP ID Number: ICP-3	Date:	January-04

Apolyto	Wave- length (nm)	Interelement Cor	rection Factors	for:	
Analyte		Со	Ba	\mathbf{V}	Cu
Aluminum	308.22	0.0000000	0.0000000	20.2132000	0.0000000
Antimony	206.33	0.0000000	0.5267820	-3.8615900	0.0000000
Arsenic	188.98	-0.8342930	0.0000000	0.000000	0.0000000
Barium	233.53	0.0000000		0.0000000	0.000000
Beryllium	313.11	0.0000000	0.0000000	2.8087200	0.000000
Boron	381.80	1.7012200	0.0000000	0.0000000	0.000000
Cadmium	226.50	0.0000000	0.0000000	0.000000	0.000000
Calcium	430.25	0.0000000	0.0000000	0.0000000	0.000000
Calcium	227.55	136.8500000	0.0000000	0.0000000	0.0000000
Chromium	205.55	0.0000000	0.0000000	0.000000	0.000000
Cobalt	228.62		0.000000	0.000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	
Gold	242.80	0.0000000	0.0000000	0.0000000	0.000000
Iron	273.96	0.0000000	0.0000000	53.2503000	0.0000000
Lead	220.35	-0.0851148	0.0000000	0.0000000	0.1909740
Lithium	670.78	0.0000000	0.0000000	0.000000	0.000000
Magnesium	279.08	0.0000000	0.000000	0.000000	0.000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.000000
Nickel	231.60	-0.2096530	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.000000	0.000000	0.000000
Selenium	196.03	-0.6000000	0.0000000	-0.6000000	0.000000
Silver	338.29	0.0000000	0.0000000	0.000000	0.0000000
Sodium	330.24	0.0000000	0.0000000	0.0000000	0.000000
Thallium	190.80	1.8000000	0.0000000	-0.5356470	0.000000
Vanadium	292.40	0.0000000	0.0000000		0.000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000

FORM XI (PART 1) - IN

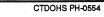
000078

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M-NY049

12 ICP LINEAR RANGES

Lab Name: STL NEWBURGHContract:Lab Code: 10142SDG No.:ICP ID Number: ICP-3Date:

D.: 241274 December-04

r	Integ.		
	Time	Concentration	
Analyte	(Sec.)	(ug/l)	М
Aluminum	20.0	500000.0	Р
Antimony	20.0	10000.0	Р
Arsenic	20.0	20000.0	Ρ
Barium	20.0	50000.0	Р
Beryllium	20.0	10000.0	Р
Cadmium	20.0	10000.0	Р
Calcium	20.0	600000.0	Р
Chromium	20.0	40000.0	Р
Cobalt	20.0	50000.0	Ρ
Copper	20.0	50000.0	Р
Gold	20.0	3000.0	Р
Iron	20.0	250000.0	Ρ
Lead	20.0	25000.0	Ρ
Lithium	20.0	5000.0	Р
Magnesium	20.0	500000.0	Р
Manganese	20.0	20000.0	Р
Mercury	20.0		
Nickel	20.0	50000.0	Р
Potassium	20.0	10000.0	Ρ
Selenium	20.0	10000.0	Р
Silver	20.0	2500.0	Р
Sodium	20.0	500000.0	Р
Thallium	20.0	10000.0	
Vanadium	20.0	50000.0	P
Zinc	20.0	20000.0	P

FORM XII - IN



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000079

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JCP1 10/12/04

File Description Default Sample Information File

Parameters Common To All Samples

Batch ID		
Volume Units		mL
Weight Units		g

Parameters That Vary With All Samples

datable and other second second	A/S Location	Sample ID	
001	24	MB 76962	
002	25	LCS 76962	
003	26	241274-001	
004	27	241274-002	
005	28	241274-003	
005	29	241274-004	
		241274-005 - rerun	
007	30		241274
008 *	31	241274-006	2110
009	32	241274-007-rerun	#77408
010	33	<u>6</u> 241274-008	# ++408
)11	34	241274-009	
)12	35	241274-010-rerun	
013	36	241274_011	
014	37	241274-012 -no AS	The same a second
015	38	241274-012 MD	august.7
		241274-012 MD	241267
)16	39		Circular and Circu
)17	40	241274-012 MSF	# 77424
018	41	241274-012 SD	4 7 7 10 1
)19	42	241274-012X 3×	A
)20	43	241274-012X MD 34	ASI
)21	44	241274-012X MSF 3X	
)22	45	241274-012X SD 3×	
)23	46	241274-013	
		241274-014	
024	47		
)25	48	0	n 1-71170
)26	49	LCS 76961	Reg # 77425
)27	50	241267-001	
28	51	241267-002	
)29	52	241267-004	
030	53	241245-001 - nok	
)31	54	241245-001 MD	
)32	55	241245-001 MS	
133	56	241245-001 MSF	11 . 11
			Hardness
134	57	241245-001 SD	1-7100
)35	58	(5)-241230-003-nok	# 77430
36	59	241230-003D	
37	60	241234-001	
38	61	241234-001D	
39	62	241235-001	
40	63	241235-001DH	
	64	► 241236-001	
41	65	- 6 - 241236-001D	
42		241236-0010	
43	66		
44	67	241237-001D	
)45	68	241239-001	
)46	69	241240-001 >nor	
)47	70	241254-003	
)48	71	241263-001	
)49			
50			

ICP WinLab

-1-

1ethod: CLP		Page 1		Date: 10/12/04	2:58:38 PM
					:
alibration Summary					
ethod: CLP				Date: 10/12/04	2:52:23 PN
					Corr.
lement	Stds Equation	Intercept	Slope	Curvature	Coeff.
ethod: CLP		IEC: 82097.iec		MSF:	
esults: 04oct12a		Spectra Stored: Yes		Method Stored: Y	es
ample Info: oct12		User: User1		Date: 10/12/04	2:52:23 PM
ethod Description:	CLP				
[ean Data					
D: IS Init		Seq. No.: 1		A/S Pos: 1 Date: 10/12/04	
		Data: Original	• • •	Date: 10/12/04	2:53:47 PM
lement	Mean Corr. Intensity				
360.073	71524.3				
	312240.5				
		· · · · · · · · · · · · · · · · · · ·			
lean Data		Cog No : 2		λ/c Dog 1	
D: Calib Blank 1		Data: Original		A/3 = FOS = 1 Date: $10/12/04$	2.54.27 PN
		Seq. No.: 2 Data: Original			EP.
	Mean Corr.		Cal	.ib	
lement	Intensity		Conc. Uni		
360.073	70564.6		0.987 µg/		
c 361.384 1 308.215	$291529.4 \\ 14333.1$		0.934 µg/ 0 µg/		
b 206.833	30.7		0 µg/		
s 188.979	-14.4		0 µg/		
a 233.527	-184.2		Ü µg/		
e 313.107	151.9		0 μg/		
d 226.502	-85.4 10189.5		0 μġ/ 0 μg/		
a 227.547	-112.5		0 µg/		
r 205.560	-25.4		0 µg/		
0 228.616	25.7		0 µg/		
u 324.754	2768.1		0 µg/		
e 273.955	368.0		0 µg/		
b 220.353 g 279.079	78.9 3170.4		עם 0 עם 0		
n 257.610	521.9		0 µg/		
1 231.604	30.3		0 μg/		
766.491	7396.9		0 µg/		
e 196.026	38.6		0 μg/		
g 338.289	-736.7 -133.6		0 μg/ 0 μg/		
a 330.237 1 190.800	-133.6		ο μg/ Ο μg/		
292.402	-97.2		0 hdv	Ľ	
n 206.200	84.2		0 μg/	'L	
a 589.592	14640.5		0 µġz		
0 202.030	2.0		0 µg/		
182.527	-27.6		0 hdv	.1.1	
ean Data					
D: CAL-1-A		Seq. No.: 3		A/C Post 15	·
	· · · · · · · · · · · · · · · · · · ·	Data: Original		Date: 10/12/04	2:58:18 PM
	Mean Corr.		Cal	.ib	
lement	Intensity		Conc. Uni		
360.073	64683.5		0.904 µg/		
c 361.384	301160.1		0.965 µg/		
1 308.215	468929.2		20000 µg/		
a 233.527 e 313.107	2672441,5 809026.1		20000 μg, 500 μg,		
e 313.107 a 430.253	597774.4		50000 μg, 50000 μg,		
a 227.547	4506.6		50000 µg,		
r 205.560	68091.8		2000 µg,	I AAAAA	
0 228.616	184305.0		5000 µg,	∠π 蛋奶发酶成晶蛋素%	2 10

Method: CLP		Page 2		Dat	e: 10/12/04	3:19:30 PM
Cu 324.754	340169.5		2500	ua/L		
Fe 273.955	505273.3		10000	1. 2		
Mg 279.079	1433989.0		50000			
Mn 257.610	4596940.9			uq/L		
Ni 231.604	150613.3			µq/L		
NI 231.004 Na 330.237	14913.9		50000			
	370842.4		5000			
V 292.402	377717.7			µq/L		
Zn 206.200	3///1/./		5000	цал		
Mean Data		Seq. No.: 4			Pos: 16	
ID: CAL-1-B		Data: Original		Dat.	e: 10/12/04	3:01:42 PM
	Mean Corr.			Calib		
Element	Intensity		Conc.			
¥ 360.073	68817.7		0.962			
Sc 361.384	077000		0.889			
	277693.8 49448.0		750		• • • • • • • • • • • • • • • • • • •	
Ag 338.289	1011010					
Mean Data ID: CAL-3		Seq. No.: 5			Pos: 17	
ID. CAD-5		Data: Original				3:04:59 PM
	Mean Corr.		Conc.	Calib		
Element	Intensity					
Y 360.073	67163.4		0.939			
5c 361.384	299910.1		0.961			
Cd 226.502	62064.7		1000			
Pb 220.353	14605.1		2000			
rl 190.800	5443.2		2000	µg/L		
Mean Data						
ID: K		т <u>т</u> .			Pos: 18 e: 10/12/04	2.00.20
		Data: Original		Dat	e. 10/12/04	3:00:29 PM
	Mean Corr.			Calib		
Element	Intensity		Conc.	Units		
Y 360.073	70282.1		0.983	µg/Ъ –		
5c 361.384	309258.2		0.990	µg/L		
Ca 430.253	109256.0		00001	µg/L		
Ca 227.547	709.8		10000	µg/L		
K 766.491	2982958.2		10000			
Na 330.237	2375.2		10000			
Na 589.592	4692886.8		10000			
B 182.527	4319.4		2500			
Vean Data						
ID: SB		Sea No 7		~ / m	D 10	
		Data: Original		Dat	Pos: 19 e: 10/12/04 	3:11:55 PM
	Mean Corr.			Calib		
Element	Intensity		Conc.	Units		
¥ 360.073	71152.2		0.995	µg/L		
3c 361.384	292754.7		0.938	1		
5b 206.833	4292.3			µg/L		
al second the second				e we		
Mean Data		Seq. No.: 8			Pos: 20	
		Data: Original	44	Dat	e: 10/12/04	3:15:34 PM
· · · · · · · · · · · · · · · · · · ·	Mean Corr.			Calib		
Element	Intensity		Conc.			
Y 360.073	69723.2		0.975			
sc 361.384	290840.1		0.931			
As 188.979	1812.9			µg/L		
As 188.979 Se 196.026	1699.3		750			
				·.	4	
Mean Data ID: Na		Sect No 9		a/c	Doc: 21	
		Data: Original		Dat	e: 10/12/04	3:19:17 PM
	Mean Corr.			Calib		
Element	Intensity		Conc.			
					00008	2

ethod: CLP		Page 3		Date: 10/12/04	3:26:40 PM
360.073	71358.5		0.998	µg/L	
c 361.384	307530.3		0.985	µg/L	
a 430.253	58150.8		5000		
a 227.547	298.8		5000		
a 330.237	1123.6		5.000		
a 589.592	2101788.5		5000	µg/ь	
ean Data					
D: 3-3		Seq. No.: 10 Data: Original		A/S Pos: 22	3:22:39 PM.
				Date: 10/12/04	J.22.39 FM.
م م	Mean Corr.			Calib	
lement 360.073	Intensity 71356.8		0.998		
c 361.384	314732.2		1.008		
0 202.030	59815.1		6500		
alibration Sum ethod: CLP	mmary			Date: 10/12/0	4 3:22:57 PM
					Corr.
lement	Stds Equation	Intercept	Slope	Curvature	Coeff.
1 308.215	l Linear	14333.1	22.7		1.000000
b 206.833	1 Linear	30.7	1.7		1.000000
s 188.979	l Linear	-14.4	2.4		1.000000
a 233.527	l Linear	-184.2	133.6		1.000000
e 313.107 d 226.502	1 Linear 1 Linear	151.9 -85.4	1617.7 62.2		1.000000 1.000000
a 430.253	3 Linear	424.8	11.9		0.999534
a 430.253 a 227.547	3 Linear	-163.0	0.1		0.999774
a 227.547 r 205.560	1 Linear	-25.4	34.1		1.000000
0 228.616	1 Linear	25.7	36.9		1.000000
u 324.754	1 Linear	2768.1	135.0		1.000000
e 273.955	1 Linear	368.0	50.5	0.0000	1.000000
b 220.353	1 Linear	78.9	7.3		1.000000
g 279.079	1 Linear	3170.4	28.6		1.000000
n 257.610	1 Linear	521.9	919.3		1.000000
i 231.604	1 Linear	30.3	30.1		1.000000
766.491	1 Linear	7396.9 38.6	297.6		1.000000
e 196.026	1 Linear 1 Linear	-736.7	66.9		1.000000 1.000000
g 338.289 a 330.237	l Linear 3 Linear	-736.7 -381.9	0.3		0.999487
a 330.237 1 190.800	l Linear	-45.2	2.7		1.000000
292.402	1 Linear	-97.2	74.2		1.000000
n 206.200	1 Linear	84.2	75.5		1.000000
a 589.592	2 Linear	-69351.2	467.8	0.00000	D.998072
D 202.030	l Linear	2.0	9.2		1.000000
182.527	1 Linear	-27.6	1.7	0.00000	1.000000
ean Data					
D: ICVM03AGICV ample Qty:	vui 1.0000 g	Seq. No.: 11 Samp Prep. Vol.: 1. Data: Original	1e No.: 2 0 L	A/S Pos: 9 Dilution:	1.0: 1.0
		Data: Original		Date: 10/12/04	3:26:12 PM
	Mean Corr. Me		Mean	Samp.	le
lement	Intensity Co		Conc	Unit:	5
360.073	72276.7 1.0				
c 361.384	304240.6 0.9				
1 308.215	15029.9 30.65				
b 206.833	6.1 -14.46 -11.4 1.230				
s 188.979 a 233.527	-104.4 0.5976				
a 233.527 e 313.107	242.3 0.05589				
d 226.502	-79.6 0.09344				
a 430.253	9845.2 791.4	1 2			
a 227.547	-120.3 458.4				
r 205.560	-3.5 0.6431	27 µg/L			
o 228.616	-91.3 -3.172				
u 324.754	16629.5 102.7				
e 273.955	403.2 0.6964				· · ·
b 220.353	49.4 -4.058				
g 279.079	2808.5 -12.64	95 µg/L		0000	083
					· · · · · · · · · · · · · · · · · · ·

Method: CLP			Page 4		Date: 10/12/04	3:34:52 PM
Mn 257.610	749.4	0.247765	µg/L			
Ni 231.604		-0.0603995	μg/L			
к 766.491 se 196.026	10536.0 41.4	10.5496 1.29653	µg/L µg/L			
Ag 338.289	5843.8	98.3448	µg/L			
Na 330.237	-137.4	802.277	μg/L			
Tl 190.800 V 292.402	212.8 -198.2	94.0223 -1.36058	µg/L µg/L			
Zn 206.200	196.5	1.48784	µg/L			
Na 589.592	17107.5	184.810	µg/L			
Mo 202.030 B 182.527	18918.7 3302.9	2055.71 1915.43	μg/L μg/L			
В 102.527	5502.7	1910.10	μα/ μ			
Mean Data ID: ICVM02ISE			ag No : 12 Sample No :	3		
Sample Qty:	1.0000 g	F	eq. No.: 12 Sample No.: Prep. Vol.: 1.0 L Data: Original	.	Dilution:	1.0: 1.0
<u> </u>		D	ata: Original		Date: 10/12/04	3:30:05 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
Element	Intensity	Conc.	Units	· · ·	Units	
Y 360.073	71709.3	1.003 1.032	μg/L μg/L			
Sc 361.384 Al 308.215	322367.2 14715.0	1.032 16.8015	μg/L μg/L			
Sb 206.833	1124.6	641.705	µg/L			· .
As 188.979	1268.6	526.596	µg/L			
Ba 233.527 Be 313.107	-205.1 204.2	-0.156275 0.0323018	μg/L μg/L			
Cd 226.502	15696.8	253.937	µg/L			
Ca 430.253	10135.1	815.811	µg/L			
Ca 227.547 Cr 205.560	-119.7 -8.5	464.884 0.497366	μg/L μg/L			
Co 228.616	31.4	0.156234	hd/r			
Cu 324.754	2838.4	0.520704	µg/L			
Fe 273.955	386.8 3454.7	0.371570 464.787	μg/L μg/L			
Pb 220.353 Mg 279.079	3454.7 2945.1	-7.87484	µд/Г			
Mn 257.610		-0.0424308	µg/L			
Ni 231.604	34.7	0.143958	hd/r			
K 766.491 5e 196.026	9833.6 1227.7	8.18903 537.013	µg/L µg/L			
Ag 338.289	-667.9	1.02856	µg/L			
Na 330.237	-179.0	666.010	μg/L		· · · · · · · · · · · · · · · · · · ·	
rl 190.800 V 292.402	1245.8 -125.2	470.455 -0.377150	μg/L μg/L			
V 292.402 Zn 206.200	226.2	1.88035	μg/L			
Na 589.592	15480.7	181.333	hd/r		• · · · · · · ·	
Mo 202.030	5659.2	614.779	µg/L Ng/I			
в 182.527	17.6	26.0055	µg/L		ي الجاري التي الأليانية (1873). المراجع	
Mean Data			eq. No.: 13 Sample No.:	4	A/S Pos: 11	· · · · · · · · · · · · · · · · · · ·
ID: ICVM04IRI Sample Qty:		P	rep. Vol.: 1.0 L		Dilution:	1.0: 1.0
~~ <u>~</u>			ata: Original		Date: 10/12/04	
	Mean Corr.	 Mean	Calib	Mean	Sample	
Element	Intensity	Conc.	Units	Conc.	Units	
Y 360.073	69391.6	0.970 0.944	µg/L ug/L			
5c 361.384 Al 308.215	294806.6 121866.9	4731.44	μg/L μg/L			
5b 206.833	1232.2	704.820	hā\r			
As 188.979	-14.2	0.0139772	µg/L			
Ba 233.527 Be 313.107	678413.6 191761.2	5078.14 118.442	μg/L μg/L			
Cd 226.502	-37.3	0.420034	µg/L			
Ca 430.253	140200.3	11743.2	hd\r			
Ca 227.547 Cr 205.560	933.3 17105.6	11769.3 502.987	μg/L μg/L			
Co 228.616	45182.4	1225.23	hd\r hd\r			
Cu 324.754	82986.0	594.620	µg/L			
Fe 273.955	121731.2	2403.68	µg/L Ng/L			
Pb 220.353 Mg 279.079	96.4 344700.6	2.75271 11934.8	μg/L μg/L			
Mg 279.079 Mn 257.610	1119443.3	1216.87	µg/L		AAAAOA	
					000084	

Method: CLP			Page	5		Date: 10/12/04	3:42:38 PM
Ni 231.604 X 766.491 3e 196.026 Ag 338.289 Na 330.237 rl 190.800 V 292.402 2n 206.200 Na 589.592 *QC exceeds up	37474.2 4027390.7 52.5 30020.2 3272.2 -43.7 89886.4 93155.1 6403498.5 oper limit for 5791.5 -15.8	629.149	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	.69% Action	h = Conti		
1ean Data ID: ICB 3ample Qty:	1.0000 g	Prep	No.: 14 . Vol.: : Original	Sample No.: 1.0 L		A/S Pos: 1 Dilution: Date: 10/12/04	1.0: 1.0 3:38:17 PM
		Daca					
Element Y 360.073 Sc 361.384 Al 308.215 Sb 206.833 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Ca 227.547 Cr 205.560 Co 228.616 Cu 324.754 Fe 273.955 Pb 220.353 Ag 279.079 An 257.610 Vi 231.604 K 766.491 Se 196.026 Ag 338.289 Va 330.237 Fl 190.800 J 292.402 Zn 206.200 Va 589.592 Ao 202.030 B 182.527	-78.9 146.3 19401.0 50.0	$\begin{array}{r} \text{Mean}\\ \text{Conc.}\\ 0.982\\ 0.904\\ 9.24679\\ 3.99732\\ 2.23895\\ 1.67777\\ 0.0760227\\ 0.121250\\ 830.808\\ 519.274\\ 0.378343\\ 0.394748\\ 0.621653\\ 3.22673\\ 0.725850\\ 1.64482\\ 0.373522\\ 0.661160\\ 20.1891\\ 0.598184\\ 0.472541\\ 867.033\\ -0.0013139\\ 0.247303\\ 0.822637\\ 189.712\\ 5.20818\\ 3.67122\\ \end{array}$	Calil Unit: µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		Mean Conc.	Samplo Units	
Mean Data ID: CRIM04ICRI Sample Qty:	001 1.0000 g	Prep	. Vol.:	Sample No.: 1.0 L		A/S Pos: 12 Dilution:	1.0: 1.0
21ement Y 360.073 3c 361.384 Al 308.215 3b 206.833 As 188.979 3a 233.527 3e 313.107 Cd 226.502 Ca 430.253 Ca 227.547 Cr 205.560 Co 228.616 Cu 324.754 Fe 273.955 Pb 220.353 Mg 279.079 Mm 257.610	Mean Corr. Intensity 69077.2 298126.6 14503.4 262.6 45.1 -107.8 15712.8 537.3 10540.0 -111.9 686.1 3586.2 9768.3 1611.3 132.3 3121.4 29946.6		: Original Calil Unit: µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		Mean Conc.	Date: 10/12/04 Sample Units	

Method: CLP			Page	6		Date: 10/12/04	3:52:11 PM
Ni 231.604	2416.3	79.2240	µg/L				
к 766.491	12536.6	17.2730	µg/L				1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -
Se 196.026	67.9	13.2675	µg/L				
Ag 338.289	537.5	19.0427	µg/L				
Na 330.237	-144.3	779.605	µg/L				
Tl 190.800	4.9	18.1093	µg/L				
V 292.402	7065.3	96.5455	µg/L				
Zn 206.200	3396.1	43.8511	μg/L				
Na 589.592	21054.0	193.246	μg/L				
Mo 202.030	15.2	1.43578	Jug/L				
B 182.527	-22.7	2.82139	ից/L				
	and the second						
Mean Data							
ID: ISAM03ISA00	1		Seq. No.: 16 5	Sample No.:		A/S Pos: 5	
Sample Qty:	1.0000 g		Prep. Vol.:	1.0 L		Dilution: Date: 10/12/04	1.0: 1.0
			Prep. Vol.: Data: Original			Date: 10/12/04	3:46:31 PM
						Sample	~
m1	Mean Corr. Intensity	Mean	. Units		Conc.	Units	
Element	Incensicy	0.852		2	conc.	01111.013	
Y 360.073	60963.2 276373.7	0.852 0.885	μg/L μg/L				
	276373.7	504182	μg/L μg/L				
Al 308.215 Sb 206.833	24.8	-3.46056	μ9/11				
Sb 206.833 As 188.979	-0.1	-9.87498					
AS 188.979 Ba 233.527	-155.9	0.212208					
Ba 233.527 Be 313.107	-651.4	-0.496543					
Cd 226.502	378.7	2.13495					
Ca 430.253	6322121.1	531117					
Ca 227.547	49013.0	527926					
Cr 205.560	28.0	1.56818					
Co 228.616	17.8	-0.214221					
Cu 324.754	-1268.9	-12.1414					
Fe 273.955	8973114.1	177711					
Pb 220.353	-121.8	2.88344					and the second
Mg 279.079	13947439.8	487283					
Mn 257.610	10934.4	-0.855278					
Ni 231.604	81.3	1.69292					
K 766.491	21167.6	46.2792					
Se 196.026	6.8	27.1606					
Ag 338.289	-1199.8	-6.92090					
Na 330.237	-182.6	654.002					
Fl 190.800	-68.4	19.3011	µg/L				
V 292.402	-132.0	-0.469019	µg/L	•			
Zn 206.200	1129.2	-3.21888	µg/L				
Na 589.592	62701.2	282.269	µg/L	•			
10 202.030		-0.0660135					
B 182.527	-138.0	-63.4604	µg/L				
Mean Data							
ID: ISRM03ISR001			Seq. No.: 17 S Prep. Vol.:	ampie No.: S		A/S Pos: 7	1.0: 1.0
Sample Qty:	1.0000 g		Data: Original	тот		Dilution: Date: 10/12/04	3:51:20 PM
	Mean Corr.	Mean	Calib)	Mean	Sample	5
	Intensity				Conc.	Units	
Y 360.073	59857.9		the second se				
Sc 361.384	252203.4	0.808					
Al 308.215	11982154.1	526562					
Sb 206.833	1330.2	762.323					
*QC exceeds uppe				05% Action	= Contin	ue	
As 188.979	282.1	105.234					
Ba 233.527	74352.9	557.782	µg/L				
Be 313.107	820897.5	507.338	µg/L				
Cd 226.502	60727.0	972.812					
Ca 430.253	6590270.8	553646					
Ca 227.547	50609.9	545070	µg/L				
Cr 205.560	16906.3	497.136					
Co 228.616	16858.3	456.716	hd\r				
Cu 324.754	71890.5	530.695					
Fe 273.955	9355274.5	185280					
Pb 220.353	209.3	49.8183					
16- 270 070	14502905.9	506694					
Mg 279.079	· · ·						
Mg 279.079 Mn 257.610	485249.7	514.621	µg/L				
	485249.7	514.621	µg/L			000000	
	485249.7	514.621	µg/L			000086	

fethod: CLP		Page 7	ſ	Date: 10/12/04	4:00:53 PM
Ji 231.604 28600. < 766.491 21276. Se 196.026 137. 'QC exceeds upper limit f 1338.289 Ja 330.237 -153. '1 190.800 164. ' 292.402 36830. 'n 206.200 74231. Ja 589.592 61531. 10 202.030 -4. > 182.527 -146.	7 46.6461 1 87.8047 or Se 196.026 Re 9 198.087 3 750.055 3 103.988 0 497.752 1 963.996 6 279.769 6 -0.722147 4 -68.2707	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	tion = Continu	16	
fean Data D: CCVM03AGCCV01 ample Qty: 1.0000 g	Prep.	No.: 18 Sample No. Vol.: 1.0 L Original	I	A/S Pos: 4 Dilution: Date: 10/12/04	
Mean Corr:lementIntensit360.07371822.:c 361.384287425l 308.21519073.:b 206.83318s 188.979-8.:a 233.52780.:e 313.107711.:d 226.502-40.:a 430.25311640.:a 227.547-99.:r 205.5606.:o 228.616-11.:u 324.75441939.'e 273.9558148.:b 220.35364.:g 279.0798645.In 257.6101370.:l 231.60481766.49112199.e 196.02643.:g 338.28918534.:a 30.237-113.:l 190.800708.:292.402-91.n 206.200452.!a 589.59218593.:o 202.0309648.:82.5271712.	. Mean Y Conc. 4 1.004 2 0.921 4 208.579 1 -7.39894 9 2.27265 5 1.98101 8 0.346086 7 0.714392 4 942.276 5 682.462 2 0.928248 7 -1.01257 9 290.261 2 154.091 9 -1.91994 9 191.342 7 0.918529 5 1.69904 8 16.1396 2 2.11242 4 288.003 8 81.328 0 274.491 2 0.0813876 8 4.87335 7 187.987 1 048.26 3 1000.65	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean Conc.	Sample Units	
D: CCVM04IRCCV01 ample Qty: 1.0000 g	Seq. 1 Prep. Data:	No.: 19 Sample No Vol.: 1.0 L Original	.: 12 A	/S Pos: 2 Dilution: Date: 10/12/04	1.0: 1.0 4:00:03 PM
Mean CorrlementIntensit360.07369012.c 361.384273776.l 308.215219640.b 206.8331005.s 188.979-27.a 233.5271333576.e 313.107380744.	Mean Conc. 0.965 0.877 2.9033.44 3.72.069 45.48859 9.9980.90 2.235.260 4.23207.3 3.22725.4 9.90.979 3.22725.4 9.90.979 3.22725.4 9.90.979 3.2349.13 4.1141.04 2.4656.72 3.00584 3.23716.1	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Conc.	Sample Units	

Method: CLP			Page	8	Date: 10/12/04	4:08:40 PM
Wi 221 604	71734.9	2380.90	µg/I			
Ni 231.604 K 766.491	8781515.0	29487.3	μg/I μg/I			
Se 196.026	52.5	7.12810	μg/I			
Ag 338.289	45332.2	688.490	µg/I			
Na 330.237	6902.4	23904.9	µg/I			
Tl 190.800	-44.7	-5.39605	µg/I	4		
V 292.402	169842.2	2290.66	µg/I			
Zn 206.200	179179.6	2370.46	µg/I			
Na 589.592	14231258.3	30568.3	µg/I			
Mo-202.030	4810.5	522.549	µg/I			
B 182.527	-15.9	6.76984	µg/I			
Mean Data						
ID: CCVM02IS		S	eq. No.: 20	Sample No.: 13	A/S Pos: 3	
Sample Qty:	1.0000 g	P D	rep. Vol.: ata: Original	1.0 L	Dilution: Date: 10/12/04	1.0: 1.0 4:04:18 PM
			aca. Oliginai			4.04.10 IM
	Mean Corr.	Mean	Cali		Sample	
Element		Conc.			Units	
Y 360.073	70823.5	0.990	µg/L			
Sc 361.384		0.952	µg/L			1.
Al 308.215	15105.6	33.9895	µg/L			
Sb 206.833	989.1	562.186	hd/T			
	upper limit for			2.44 Action = Con	tinue	
As 188.979	2501.0	1032.45	µg/L			
Ba 233.527	459.1	4.81385	µg/L			
Be 313.107	444.5	0.180839	µg/L			
Cd 226.502	31976.2	515.872	µg/L			
Ca 430.253	10290.0	828.819	μg/L			
Ca 227.547	-113.4	533.075	μg/L			
Cr 205.560	2.8	0.829051	μg/L			
Co 228.616	77.6	1.40966	µg/L			
Cu 324.754	3108.3	2.52321	µg/L			
Fe 273.955	1481.4	22.0505	µg/L			
Pb 220.353	6815.3	927.491	µg/L			
Mg 279.079	3789.1	21.6196	µg/L			
Mn 257.610	1537.2	1.10389	µg/L			
Ni 231.604	81.7	1.70613	µg/L			
K 766.491	20401.3	43.7040	µg/L			
Se 196.026	2389.9	1061.86	hd/r			
Ag 338.289	-431.6	4.56010	µg/L			
Na 330.237	-164.4 2515.9	713.744 933.278	μg/L μg/L			
T1 190.800	-24.1	0.985725	μg/L			
V 292.402	.320.3	3.12542	ц/бт hg/г			
Zn 206.200 Na 589.592	28928.1	210.077	µg/L			
Ma 569.592 Mo 202.030	4831.9	524.867	urb hg/L			
мо 202.030 В 182.527	-19.9	4.47367	цурд µg/L			
D 102.027	19.9		- , e -			
Mean Data			Na . 01	Comple No. 14	A/S Pos: 1	
ID: CCB Sample Qty:	1.0000 g	P	eq. No.: 21 rep. Vol.:	Sample No.: 14 1.0 L		L.O: 1.0
Sumpro 201.			ata: Original		Date: 10/12/04	4:08:12 PM
	Mean Corr.	Mean	Cali	b Mean	Sample	
Element	Intensity	Conc.	Unit			
¥ 360.073	69838.6	0.976	рц/Г			
sc 361.384	284450.4	0.911	μg/L			
Al 308.215	14734.7	17.6684	д/Г Л/Би			
sb 206.833	49.1	10.7493	µg/L			
As 188.979	-5.6	3.62668	µg/L			
Ba 233.527	-97.8	0.646739	µg/L			
Be 313.107	209.8	0.0357688	μg/L			
Cd 226.502	-66.1	0.309338	hd/r			
Ca 430.253	10235.5	824.240	μg/L			
Ca 227.547	-115.8	507.376	µg/L			
Cr 205.560	-18.7	0.196644	µg/L			
Co 228.616	31.4	0.156282	μg/L			
Cu 324.754	2858.4	0.669761	μg/L			
Fe 273.955	773.4	8.02797	µg/L			
Pb 220.353	91.1	1.68769	μg/L			
Mg 279.079	3618.4	15.6528	µg/L		ten se en	
Mn 257.610	622,0	0.108531	µg/L			
		e tare de la composition			000088	• • • • • • • • • • • • • • • • • • •
					0.00000)

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					5 1 10/10/04	
ethod: CLP			Page 9		Date: 10/12/04	4:16:46 PM
1 231.604	44.2	0.459408	µg/L			
766.491	11501.3	13.7935	µg/L			
e 196.026	47.1	3.85583	µg/L			
.g 338.289 Ta 330.237	-675.6 -130.6	0.913728 824.740	μg/L μg/L			
1 190.800	-44.8	0.173072	μg/L			
292.402	-112.3	-0.203224	μg/L			
n 206.200	120.8	0.483934	µg/L			
la 589.592	16292.5	183.068 3.95782	µg/L Ng/I			
io 202.030 182.527	38.4 -25.5	1.22644	µg/L µg/L			
102.007						
lean Data		C	No.: 22 Sample No		A/5 Pos; 24	
D: MB 76962 ample Qty:	1 0000 mT	Seq. Prer	. Vol.: 1.0 mL		Dilution	1.0: 1.0
ampre del.	1.0000 mm	Data	. Vol.: 1.0 mL : Original		Date: 10/12/04	4:12:04 PM
	Mean Corr.	Mean	Calib Units	Mean Conc.	Sample Units	
lement 360.073	Intensity 71803.4	Conc. 1.004	unics µg/L	Conc.	UTITUS	
c 361.384	309846.7	0.992	µg/L			
1 308.215	14235.1	-4.26005	μg/L	-4.26005	µg/L	
b 206.833	38.6	4.61704	1 5.	4.61704	լյել T	
s 188.979	-11.0	1.42412	µg/L	1.42412	μg/L wg/L	
a 233.527 e 313.107	-127.6 209.5	0.424010 0.0355716		0.424010	μg/L μg/L	
e 313.107 d 226.502	-74.2	0.171626	1.5	0.171626	μg/L	
a 430.253	10097.6	812.661	1 21	812.661	µg/L	
a 227.547	-118.8	474.925	µg/L	474.925	lid/T	
r 205.560	-4.6	0.611301		0.611301	µg/L	
0 228.616	37.9	0.332582		0.332582	μg/L	
u 324.754 'e 273.955	3008.8 13548.8	1.80991 261.053	µg/L µg/L	1.80991 261.053	μg/L μg/L	
e 273.955 b 220.353	86.4	1.02960	µg/L	1.02960	µg/L	
g 279.079	3555.6	13.4586	µg/L	13.4586	µg/L	
n 257.610	1086.7	0.614055	µg/L	0.614055	µg/L	
i 231.604	54.6	0.805871	µg/L	0.805871	µg/L	
766.491	10085.8	9.03651	µg/L	9.03651	μg/L	
e 196.026 g 338.289	40.4 -681.8	0.887662 0.821337	μg/L μg/L	0.887662	µg/L µg/L	
a 330.237	-62.6	1047.92	µg/L	1047.92	hā\T hā\T	
1 190.800	-45.7	-0.168407		0.168407	µg/L	
292.402	-90.3	0.0932672	Fr Division	.0932672	µg/L	
n 206.200	1743.4	21.9672	µg/L	21.9672	hd/L	
a 589.592	19363.0	189.631 1.30577	µg/L µg/L	189.631 1.30577	µg/L µg/L	
o 202.030 182.527	-26.5	1.30577 0.654092		0.654092	LIG/L	
					A/S Pos: 25	
D: LCS 76962 ample Qty:	1.0000 mT.	Seq. Prep	No.: 23 Sample No. Vol.: 1.0 mL	·	Dilution:	1.0: 1.0
ampre gey.	2.00000 1.00	Data	: Original		Date: 10/12/04	4:16:09 PM
			Cal-h	Mean		
lement	Mean Corr. Intensity		Callb Units	Conc.	Sample Units	
360.073	72766.4	1.017	µg/L			
c 361.384	306910.8	0.983	µg/L		and the second	
1 308.215	53318.7	1715.55		1715.55	μg/L	
b 206.833	958.6	544.295	µg/L	544.295	hd\r hd\r	
s 188.979	4825.9	1986.75	µg/L µg/L	1986.75	µg/L µg/L	
a 233.527 e 313.107	136794.6 1440376.0	890.265	µg/L µg/L	890.265	hall hall	
d 226.502	58528.9	942.830	µg/L	942.830	hā\T	
a 430.253	29407.5	2434.98	µg/L	2434.98	hd\r	
a 227.547	57.6		µg/L	2368.58	ן print in the second	
r 205.560	16198.2	476.344	µg/L	476.344	hd/r	
o 228.616 u 324.754	35672.7 250392.2	967.201 1834.98	µg/L µg/L	967.201 1834.98	μg/L μg/L	
u 324.754 'e 273.955	250392.2 95991.0	1893.88	µд/L µд/L	1893.88	hd\T hd\T	
b 220.353	12895.7		µg/L	1764.75	hd\r	
lg 279.079	57320.6	1892.28	hd\r	1892.28	hd\r	
In 257.610	918759.6	998.815	hd/r	998.815	hd/T	
11 231.604	57821.1	1918.90	µg/L	1918.90	μg/L	
					0.000-	

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1ethod: CLP			Page 10		Date: 10/12/04	4:25:01 PM
۲66.491	1482503.4	4957.41	µg/L	4957.41	µg/L	
3e 196.026	4406.7	1972.76	µg/L	1972.76	μg/L	
\g 338.289	1221.5	29.2655	µg/L	29.2655 7752.64	µg/L	
Va 330.237 Fl 190.800	1980.5 4859.3	7752.64 1784.83	μg/L μg/L	1784.83	μg/L μg/L	
/ 292.402	67197.0	907.077	μg/L	907.077	μg/L	
In 206.200	72800.1	962.717	μg/L	962.717	μg/L	
Ja 589.592	3897369.8	8479.08	д/Г	8479.08	µg/L	
10 202.030	18469.2	2006.86	μg/L	2006.86	µg/L	
3 182.527	3415.8	1980.33	µg/L	1980.33	µg/L	
1ean Data						
ID: 241274-001		Seq.	No.: 24 Sampl	e No.: 3	A/S Pos: 26 Dilution:	1 0
;ample Qty:	1.0000 1111	Data:	Original	1(11)	Date: 10/12/04	1.0: 1.0 4:20:19 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
lement	Intensity	Conc.	Units	Conc.	Units	
7 360.073	67169.2	Conc. 0.939	µg/L			
c 361.384	271414.4	0.869	µg/L			
1 308.215	16142.0	79.5976	µg/L	79.5976	hd\r	
b 206.833	63.1	19.0016	µg/L	19.0016	µg/L	
ls 188.979	-2.1	5.04888	µg/L	5.04888	hd\r T	
la 233.527	1300.1 893.8	11.1076 0.458584	μg/L μg/L	$11.1076 \\ 0.458584$	μg/L ug/L	
e 313.107 d 226.502		0.363790	μg/L μg/L	0.363790	µg/L µg/L	
la 430.253	685663.2	57570.3	μg/L	57570.3	µg/L	
a 227.547	4867.7	54007.2	µg/L	54007.2	hd/r	
r 205.560	16.2	1.22181	µg/L	1.22181	hd/r	
:0 228.616	89.7	1.73648	µg/L	1.73648	hd\r	
u 324.754	3149.3	2.83168	µg/L	2.83168	μg/L	
'e 273.955	4079.7	73.5119	µg/L	73.5119	µg/L wg/T	
'b 220.353 Iq 279.079	107.2 168305.0	4.46678 5770.63	μg/L μg/L	4.46678 5770.63	μg/L μg/L	
1g 2/9.079 In 257.610	27022.7	28.6835	μg/L μg/L	28.6835	μg/L μg/L	
li 231.604	88.8	1.94203	µg/L	1.94203	µg/L	
766.491	927838.9	3093.34	µg/L	3093.34	µg/L	•
e 196.026	80.3	18.9781	µg/L	18.9781	µg/L	
g 338.289	-792.7	-0.836572	µg/L	-0.836572	л/Г	
la 330.237	26375.7	87810.4	µg/L	87810.4	µg/L	
1 190.800	-45.1	0.0228899	µg/L	$0.0228899 \\ 0.588447$	µg/L	a and the state of the
292.402 n 206.200	-53.6 1520.3	0.588447 18.8124	μg/L μg/L	18.8124	µg/L µg/L	
la 589.592		urated	ндл	10.0121	н л Р Р	
lo 202.030	100.1	10.6627	µg/L	10.6627	µg/L	
182.527	40.9	39.3932	µg/L	39.3932	hā\T	
lean Data						
D: 241274-002 ample Qty:	1.0000 mL		No.: 25 Sample Vol.: 1.0		A/S Pos: 27 Dilution:	1.0: 1.0
• ~ •			Original		Date: 10/12/04	4:24:27 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
lement	Intensity	Conc.	Units	Conc.	Units	
360.073	64321.2	0.899	µg/L			
c 361.384	269249.7	0.862	µg/L	160 000	· · · · · · / T	
1 308.215 b 206.833	17964.5 43.2	159.802 7.29778	µg/L µg/L	159.802 7.29778	րց/Լ րց/Լ	
s 188.979	-5.5	3.67780	μg/L	3.67780	μg/L	
a 233.527	2457.3	19.7671	μg/L	19.7671	μg/L	
e 313.107	239.5	0.0541541	µg/L	0.0541541	µg/L	
d 226.502		-0.221625	µg/L	-0.221625	hd/T	
a 430.253	1094875.3	91950.3	µg/L	91950.3	µg/L	
a 227.547	8950.6	97839.2	µg/L	97839.2	µg/L	
r 205.560 o 228.616	2.5	0.820983 3.39480	μg/L μg/L	0.820983	µg/L µg/L	
u 324.754	3272.8	3.75851	µg/L µg/L	3.39480	րց/L հց/Ր	
e 273.955	9846.6	187.730	µg/L	187.730	нд/Г Г	
b 220.353	99.1	3.70401	µg/L	3.70401	μg/L	
[g 279.079	451685.7	15673.4	µg/L	15673.4	hā\r	
in 257.610	105249.7	113.531	µg/L	113.531	µg/L	•
li 231.604	73.4	1.42930	µg/L	1.42930	hd/r	
: 766.491	520384.0	1724.00	µg/L	1724.00	µg/L	• • • • • • • • • • • • • • • • • • •
					000090	

Method: CLP			Page	11	Date: 10/12/04	4:33:20 PM
Se 196.026	81.6	21.3673	µg/I	21.3673	µg/L	
Aq 338.289	-784.5	-0.714225	μg/I		µg/L	
Na 330.237	20924.0	69919.6	μg/L		hd/T	
Tl 190.800	-49.6	-1.76006	μg/L	-1.76006	µg/L	
V 292.402	-80.6	0.223756	µg/L	0.223756	hd/r	
Zn 206.200	364.5	3.16233	µg/L	3.16233	hd/r	
Na 589.592	Sat	urated				
Mo 202.030	28.5	2.87618	µg/L	2.87618	µg/L	
B 182.527	69.5	55.8906	µg/L	55.8906	µg/L	
Mean Data ID: 241274-003			eq. No.: 26	Sample No.: 5	A/S Post 28	
Sample Qty:			rep. Vol.:		Dilution:	1.0: 1.0
sampre Qcy.	1.0000 1111	D	ata: Original		Date: 10/12/04	
	Mean Corr.	Mean	Cali	b Mean	Sample	
Element	Intensity					5
Y 360.073	69653.3		µg/L		011203	
sc 361.384	283471.8	0.908	μg/L			
Al 308.215	16083.5	77.0408	μg/L		J7/L	
Sb 206.833	29.7		μg/L μg/L		hd/T	
As 188.979	-10.6	1.57894	μg/L μg/L		μg/L	
Ba 233.527	466.6	4.87035	μg/L μg/L		μg/L	
Be 313.107	225.9	0.0457180	uq/L		µg/L	
Cd 226.502	-84.1	0.0159459	hā\r hā\r		µg/L	
Ca 430.253	818382.9	68720.7	μg/L		µg/L	
Ca 227.547	6097.0	67204.7	на\т hall		۲ رویم L_pz	
Cr 205.560	-10.9	0.425373	µg/L		µg/L	
Co 228.616		1.09761	µg/L		µg/L	
Cu 324.754	3154.0	2.87485	µq/L		µg/L	
Fe 273.955	8097.4	153.086	µg/L		µq/L	
Pb 220.353	95.3	2.94271	µg/L		µg/L	
1g 279.079	163501.7	5602.78	µg/L		µg/L	
Mn 257.610	1157958.0	1258.92	µg/L		µg/L	4
vi 231.604	60.2	0.992700	μg/L		µg/L	
K 766.491	52309.0	150.936	µg/L	150.936	µg/L	
3e 196.026	72.2	17.7919	µg/L	17.7919	hd/r	
Ag 338.289	-746.5	-0.146697	µg/L	-0.146697	hd/r	
Na 330.237	1622.8	6578.93	µg/L	6578.93	μg/L	
rl 190.800	-43.6	-1.29185	µg/L	-1.29185	µg/L	
/ 292.402	-108.8	-0.156287	µg/L	-0.156287	µg/L	
3n 206.200	790.9	9.16012	μg/L	9.16012	µg/L	
Va 589.592	3050539.4	6668.93	μg/L		µg/L	
10 202.030	16.4	1.56382	µg/L		µg/L	
3 182.527	114.8	81.9215	µg/L	81.9215	µg/L	
1ean Data						
ID: 241274-004 Sample Qty:	1.0000 mL	S P	eq. No.: 27 rep. Vol.:	- 1 () mT	A/S Pos: 29 Dilution:	1.0: 1.0
<u>-</u>		D	rep. Vol.: ata: Original		Date: 10/12/04	4:32:46 PM
	Mean Corr.		Cali		Sample	
Element	Intensity	Conc.	Unit		Units	
7 360.073	66897.5	0.935	µg/L			
3c 361.384	278619.2	0.892	µg/L			
Al 308.215	16588.5	99.2472	μ̈́g/L		µg/L	
3b 206.833		4.72663	µg/L		μg/L	
As 188.979	-9.3	2.09732	µg/L		µg/L	
3a 233.527	3175.3	25.1398	µg/L		µg/L	
3e 313.107	181.5	0.0183190	μg/L		µg/L	
ld 226.502	-72.0	0.212002	µg/L		µg/L	
la 430.253	729990.2	61294.4	µg/L		µg/L	
Ca 227.547	5042.4	55882.5	µg/L		µg/L	
Cr 205.560	75.7	2.96809	μg/L 		µg/L	
Co 228.616	46.9	0.576919	μg/L ug/I		µg/L µg/I	en de la companya de Reference de la companya de la company
Cu 324.754	3131.3	2.70163	μg/L υσ/Ι		µg/L	
Fe 273.955	5724.6	106.091	µg/L		µg/L	
Pb 220.353	92.1 246089.1	2.42198 8488.80	µg/L		µg/L µg/L	
4g 279.079	246089.1 9516.8	9.57250	hd/r hd/r		µg/L µg/L	
In 257.610 Ni 231.604	50.0	0.652286	μg/L μg/L		µg/L µg/L	
x 766.491	1412900.9	4723.49	μg/L μg/L		µg/Լ µg/Լ	
3e 196.026	69.1	11.7919	hd\r hd\r		µg/L	
	and and the second s		r54		and the second	
					000091	
4 C						

Method: CLP]	Page 12		Date: 10/12/04	4:42:00 PM
		0.010		-0.309619	л <i>а /</i> т	
Ag 338.289	-757.4 -0.30 54309.9 17	9482	μg/L μg/L	179482	µg/Լ µg/Լ	
Na 330.237 Fl 190.800	-52.5 -2.6		hd\r hd\r	-2.64234	µg/L	
V 292.402	-94.0 0.043		µg/L	0.0431421	hd/r	
Zn 206.200		0455	µg/L	2.90455	µg/L	
Na 589.592	Saturated	an a				
Mo 202.030		5494	µg/L	1.35494	µg/L	
B 182.527	51.0 45.	2365	µg/L	45.2365	hā\r	
Mean Data						
ID: 241274-005		Seq. No.: 28	3 Sample	No.: 7	A/S Pos: 30	
Sample Qty:	1.0000 mL	Prep. Vol.: Data: Origin	1.0	nL	Dilution:	1.0: 1.0
		Data: Origin	1a1 		Date: 10/12/04	4:37:06 PM
		Mean	Calib	Mean	Sample	• • • • • • • • • • • • • • • • • • •
Element	2	Conc.	Units	Conc.	Units	
Y 360.073		.300	µg/L			
3c 361.384 Al 308.215		.176 79.6	μg/L μg/L	26579.6	µg/L	
Sb 206.833	5.4 -14.		µg/L	-14.8772	μg/L	
As 188.979		3507	µg/L	26.3507	μg/L	
Ba 233.527		5223	µg/L	94.5223	µg/L	
3e 313.107		4974	µg/L	1.74974	μg/L	
Id 226.502	21.6 0.13		µg/L	0.138890	hā\r	
Ca 430.253	201976.0 169	33.3	µg/L	16933.3	µg/L	
Ca 227.547		30.1	µg/L	17630.1	μg/L	
Cr 205.560		2466	µg/L	34.2466	µg/L	
Co 228.616		6760	µg/L	30.6760	μg/L	
Cu 324.754		4308	µg/L	69.4308	µg/L	
Fe 273.955		03.0	µg/L	52503.0	µg/L	
Pb 220.353		6319	µg/L	26.6319 7849.03	μg/L μg/L	
4g 279.079		9.50	μg/L μg/L	2839.50	μg/L μg/L	
4n 257.610 Vi 231.604		8541	µg/L	52.8541	цурц µg/L	a de la companya de l
x 766.491		6.00	µg/L	6036.00	µg/L	
Se 196.026	-1.9 -12.		µg/L	-12.2755	µq/L	
Ag 338.289		1541	µg/L	3.01541	µg/L	
Va 330.237	251.4 207	8.39	µg/L	2078.39	µg/L	
rl 190.800		9404	µg/L	9.59404	hd\r	
/ 292.402		1291	µg/L	58.1291	µg/L`	
In 206.200		.274	µg/L	165.274	µg/L	
Va 589.592			µg/L	1885.42	µg/L	
40 202.030	1.3 -0.081 38.8 38.	9996 1999	μg/L μg/L	-0.0819996 38.1999	μg/L μg/L	• • •
3 182.527				30.1999	hd) n	
					» / « » » » 1	
ID: 241274-006 Sample Qty:	1.0000 mL	Seq. No.: 29 Prep. Vol.:		No.: 8 mL	A/S Pos: 31 Dilution:	1.0: 1.0
Jampio 201.		Data: Origir	nal			4:41:24 PM
	Mean Corr.	 Mean	Calib	Mean	Sample	·
Element			Units	Conc.	Units	
r 360.073	74864.2 1	.047	µg/L			
	277846.4 0	.890	µg/L			
Al 308.215	115765.5 446	3.75	µg/L	4463.75	hd/r	
3b 206.833	28.1 -1.5		µg/L	-1.55496	μg/L	
As 188.979		1386	µg/L	4.61386	hd/r	
3a 233.527		4063	µg/L	26.4063	µg/L	
3e 313.107	530.1 0.23		µg/L µg/I	0.233746	µg/L µg/I	
Cd 226.502	-71.6 0.038 565603.6 474	6113 83.5	μg/L μg/L	0.0386113 47483.5	μg/L μg/L	• •
Ca 430.253 Ca 227.547		83.5 26.1	μg/L μg/L	46926.1	μg/L μg/L	
Cr 205.560		.705	µg/L	103.705	μg/L	
Co 228.616		4695	µg/L	2.84695	hd\r hd\r	
Cu 324.754		4978	µg/L	7.34978	μg/L	
Fe 273.955		2.34	µg/L	6082.34	µg/L	
Pb 220.353		4071	µg/L	4.04071	µg/L	
Mg 279.079		9.75	µg/L	6909.75	μg/L	
Mn 257.610		.696	µg/L	260.696	μg/L	
vi 231.604		9416	µg/L	5.09416	lid/L	
K 766.491		6.11	µg/L	3436.11	μg/L	
Se 196.026		6389	µg/L	11.6389	µg/L µg/I	
Ag 338.289	-663.4 1.0	9546	µg/L	1.09546	hđ/r	

Method: CLP			Page	13	Date: 10/12/04	4:50:36 PM
NT- 220 227	2020.2	7912.94	ل_pu	L 7912.94	hd\Г	
Na 330.237 Tl 190.800	-47.2	-0.885042	μg/. μg/:		μg/L	
V 292.402	453.0	7.41603	μg/ μg/:		µg/L µg/L	
v 292.402 Zn 206.200	2221.5	28.0565	µд/. µд/1		нд/Г hd/Г	
Na 589.592	3866609.5	8413.33	μg/ μg/1		µg/Б µg/L	
Mo 202.030	11.0	0.974828	μg/1 μg/1		hd/P hd/P	
B 182.527	84.0	64.1833	μg/1	L 64.1833	µg/L	
D 102.02,						
Mean Data						
ID: 241274-007		S	eq. No.: 30	Sample No.: 9 1.0 mL	A/S Pos: 32	
Sample Qty:	1.0000 mL	P	rep. Vol.:	1.0 mL	Dilution:	1.0: 1.0
		D	ata: Original		Date: 10/12/04	4:45:44 PM
	Mean Corr.	Mean	Cal		Sampl	8
Element	Intensity	Conc.	Unit	ts Conc.	Units	
Y 360.073	354908.3	4.962	μg/l	6		
Sc 361.384	322026.4	1.031	µg/]	L		
Al 308.215	453786.7	19340.1	լեն լեն		hd/r	
Sb 206.833	4.1	-15.6048	µg/]		hd/r	
As 188.979	27.9	18.9885	μg/J		µg/L	
Ba 233.527	10557.0	80.3794	μg/I		µg/L	
Be 313.107	2130.1	1.22280	μg/l		µg/L	
Cd 226.502	11.7	0.609869	μg/l		µg/L	
	144201.5	12079.4	µg/I		µg/L	
Ca 227.547	1068.9	13225.3	hd/l		µg/L	
Cr 205.560	662.9	20.2093	μg/I		µg/L	
Co 228.616	607.6 6867.2	15.7898	hā\]		µg/L	
Cu 324.754		33.5321	μg/I		µg/L uz/T	
Fe 273.955	1595754.2	31597.7	μg/I		µg/L µg/L	
Pb 220.353	148.8 131987.8	10.7090 4501.52	µg/I µg/I		hd\r hd\r	
	1424978.9	1549.42	۲/I hg/I		μg/L μg/L	
Mi 231.604	883.8	28.3391	μg/I		μg/L μg/L	
K 766.491	1160757.7	3876.11	μg/I μg/I		µg/L	
Se 196.026	2.1	-12.7927	μg/I μg/I		µg/L	
Ag 338.289	-441.1	4.41783	μg/I		ud/T	
Na 330.237	274.2	2153.17	μg/I		μg/L	
rl 190.800	-11.1	11.1499	μg/I		µg/L	
V 292.402	2468.7	34.5866	μg/I		µg/L	· · · ·
Zn 206.200	6763.7	88.2810	µg/I		µg/L	
Na 589.592	778880.6	1813.14	µg/I	1813.14	µg/L	
Mo 202.030	2.2	0.0157554	μg/I	0.0157554	µg/L	
B 182.527	25.6	30.6405	µg/I	30.6405	μg/L	
Mean Data						
ID: 241274-008		Se	eg. No.: 31	Sample No.: 10	A/S Pos: 33	
Sample Qty:	1.0000 mL	P	rep. Vol.:	Sample No.: 10 1.0 mL	Dilution:	1.0: 1.0
		Da	ata: Original		Date: 10/12/04	4:50:00 PM
		M				
Element	Mean Corr. Intensity	Mean Conc.	Cali Unit		Sample Units	
Y 360.073	76387.3	1.068	цц/I		UIILLS	
sc 361.384	268401.6	0.860	µg/1 µg/1			
Al 308.215	126664.5	4943.37	μg/I μg/I		µg/L	
5b 206.833	34.8	2.35891	- יפין עק/I		µg/L	
As 188.979	-7.7	3.04516	μg/I		µg/L	
Ba 233.527	3600.1	28.3195	μg/I		µg/L	
Be 313.107	538.2	0.238767	μg/I		µg/L	
Cd 226.502		0.0206394	µg/I		μg/L	
Ca 430.253	565299.2	47457.9	µg/I	· · · · · · · · · · · · · · · · · · ·	µg/L	
Ca 227.547	4206.9	46912.5	µg/I		µg/L	
Cr 205.560	3483.6	103.029	μg/I		µg/L	
Co 228.616	176.3	4.08743	µg/I		µg/L	
Cu 324.754	3587.8	6.74309	µg/I		µg/L	
Fe 273.955	338560.3	6698.13	µg/I		µg/L	
Pb 220.353	108.7	4.82143	μg/I		µg/L	
Mg 279.079	203088.6	6986.15	μg/I		µg/L	
Mn 257.610	245501.1	266.315	µg/I		hd/P ha/I	
Ni 231.604 K 766.491	297.6 1068647.0	8.87656 3566.55	μg/I		µg/L µg/I	
K 766.491 Se 196.026	£3.0	13.4504	µg/I µg/I		µg/L ug/L	
Aq 338.289	-720.7	0.239437	μg/I μg/I		μg/L μg/L	
Na 330.237	1967.8	7711.17	μg/1 μg/1		րց/Ե	
1			F-3/ -		H2, D	

Method: CLP			Page 14		Date: 10/12/04	4:59:21 PM
	07.0	- 02101F	···/T	0 001015	алан / т	
rl 190.800	-47.4	-0.931815 8.26128	μg/L μg/L	-0.931815 8.26128	µg/L µg/L	en e
V 292.402	515.7					
Zn 206.200	3141.9	40.2402	µg/L µg/I	40.2402	µg/L	
Va 589.592 10 202.030	3842982.6	8362.82	hd/r hd/r	8362.82 0.851254	μg/L μg/L	
	9.9 86.9	65.8825	µg/L µg/L	65.8825	μg/L μg/L	and the second
3 182.527	00.9	63.0023	ע / פע	03.0025	нд, г	
1ean Data ID: CCVM03AGC			eq. No.: 32 Samp		A/S Pos: 4	
Sample Qty:				DL		1.0: 1.0
sampre Qcy.	1.0000 g		ata: Original	с <u>т</u>	Date: 10/12/04	4:54:04 PM
Element	Mean Corr. Intensity	Mean Conc.	Calib Units	Mean Conc.	Sample Units	
2 360.073	71051.0	0.993	µg/L	00110.	0111 0.5	
Sc 361.384	290010.4	0.929	µg/L			
1 308.215	16707.9	104.489	µg/L			
3b 206.833	15.3	-9.07514	ug/L			
As 188.979	-8.0	2.64504	µg/L			
3a 233.527	69.4	1.89774	µg/L			
3e 313.107	508.2	0.220225	µg/L			
ld 226.502	-69.1	0.260385	µg/L			
la 430.253	10466.3	843.633	µg/L			
La 227.547	-113.7	529.113	ug/L			
ir 205.560	0.8	0.768844	μg/L			
Lo 228.616	-11.4	-1.00631	µg/L			
Lu 324.754	43476.8	301.639	µg/L			
re 273.955	2828.2	48.7243	µg/L			
Pb 220.353	71.9	-0.963376	µg/L			
fg 279.079	4700.6	53.4723	µg/L			
în 257.610	1697.7	1.27775	µg/L			
li 231.604	71.3	1.35946	µg/L			
766.491	18023.8	35.7139	µg/L			
se 196.026	39.9	0.621349	µg/L			
vg 338.289	19107.7	296.571	µg/L	an an an Arthur An Anna Anna Anna Anna Anna		
Ja 330.237	-94.4	943.614	µg/L			
1 190.800		278.565	µg/L			
	-121.8	-0.331572				
7 292.402	-121.0	-0.331372	µg/L			
/ 292.402 In 206.200	443.3	4.75314	hd\r hd\r			
in 206.200	443.3	4.75314	hā\r			
in 206.200 Ja 589.592	443.3 32451.5	4.75314 217.609	µg/L µg/L			
In 206.200 Ja 589.592 Jo 202.030 J 182.527 Jean Data	443.3 32451.5 9959.6 1775.0	4.75314 217.609 1082.11 1036.68	µg/L µg/L µg/L µg/L			
<pre>In 206.200 Ia 589.592 Io 202.030 I 182.527 Iean Data D: CCVM04IRCC</pre>	443.3 32451.5 9959.6 1775.0	4.75314 217.609 1082.11 1036.68	µg/L µg/L µg/L µg/L eq. No.: 33 Sampl	Le No.: 12	A/S Pos: 2 Dilution:	.0: 1.0
<pre>In 206.200 Ia 589.592 Io 202.030 I 182.527 Iean Data D: CCVM04IRCC</pre>	443.3 32451.5 9959.6 1775.0	4.75314 217.609 1082.11 1036.68 	µg/L µg/L µg/L µg/L			0: 1.0 4:58:29 PM
<pre>In 206.200 Ia 589.592 Io 202.030 I 182.527 Iean Data D: CCVM04IRCC</pre>	443.3 32451.5 9959.6 1775.0 CV01 1.0000 g	4.75314 217.609 1082.11 1036.68 	µg/L µg/L µg/L µg/L eq. No.: 33 Sampl rep. Vol.: 1.0 ata: Original) L	Dilution:] Date: 10/12/04	
<pre>In 206.200 Ia 589.592 Io 202.030 I 182.527 Iean Data D: CCVM04IRCC Iample Qty:</pre>	443.3 32451.5 9959.6 1775.0 CV01 1.0000 g Mean Corr.	4.75314 217.609 1082.11 1036.68 	ug/L µg/L µg/L µg/L eq. No.: 33 Sampl rep. Vol.: 1.0 ata: Original Calib		Dilution:	
<pre>In 206.200 Ia 589.592 Io 202.030 I 182.527 Iean Data D: CCVM04IRCO ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 CV01 1.0000 g Mean Corr. Intensity	4.75314 217.609 1082.11 1036.68 	µg/L µg/L µg/L µg/L eq. No.: 33 Samp] rep. Vol.: 1.0 ata: Original Calib Units) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 Io 202.030 I 182.527 Iean Data D: CCVM04IRCO ample Qty: Ilement I 360.073</pre>	443.3 32451.5 9959.6 1775.0 CV01 1.0000 g Mean Corr. Intensity 68769.7	4.75314 217.609 1082.11 1036.68 	µg/L µg/L µg/L µg/L ug/L eq. No.: 33 Sampl rep. Vol.: 1.0 ata: Original Calib Units µg/L) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 fo 202.030 I 182.527 fean Data D: CCVM04IRCO ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 CV01 1.0000 g Mean Corr. Intensity 68769.7 277445.5	4.75314 217.609 1082.11 1036.68 	µg/L µg/L µg/L µg/L µg/L eq. No.: 33 Sampl rep. Vol.: 1.0 ata: Original Calib Units µg/L µg/L) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 Io 202.030 I 182.527 Iean Data D: CCVM04IRCO ample Qty: Ilement I 360.073</pre>	443.3 32451.5 9959.6 1775.0 CV01 1.0000 g Mean Corr. Intensity 68769.7	4.75314 217.609 1082.11 1036.68 	µg/L µg/L µg/L µg/L µg/L ata: 33 Sampl rep. Vol.: 1.0 ata: Original Calib Units µg/L µg/L µg/L µg/L) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 fo 202.030 } 182.527 fean Data D: CCVM04IRCC ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 CV01 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8	4.75314 217.609 1082.11 1036.68 	µg/L µg/L µg/L µg/L µg/L rep. Vol.: 1.0 ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 fo 202.030 } 182.527 fean Data D: CCVM04IRCC ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 CV01 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8	4.75314 217.609 1082.11 1036.68 	µg/L µg/L µg/L µg/L µg/L ata: 33 Sampl rep. Vol.: 1.0 ata: Original Calib Units µg/L µg/L µg/L µg/L) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 fo 202.030 } 182.527 fean Data D: CCVM04IRCC ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 CV01 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5	4.75314 217.609 1082.11 1036.68 	µg/L µg/L µg/L µg/L µg/L ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 fo 202.030 3 182.527 fean Data D: CCVM04IRCC ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 2001 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3	4.75314 217.609 1082.11 1036.68 P D Mean Conc. 0.961 0.889 9051.94 582.553 -2.05191	µg/L µg/L µg/L µg/L µg/L ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 fo 202.030 3 182.527 fean Data D: CCVM04IRCC ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 2001 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4	4.75314 217.609 1082.11 1036.68 P D Mean Conc. 0.961 0.889 9051.94 582.553 -2.05191 10116.1 237.265 -0.0403414	µg/L µg/L µg/L µg/L µg/L µg/L ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 fo 202.030 3 182.527 fean Data D: CCVM04IRCC ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 2001 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3	4.75314 217.609 1082.11 1036.68 P D Mean Conc. 0.961 0.889 9051.94 582.553 -2.05191 10116.1 237.265	µg/L µg/L µg/L µg/L µg/L ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 fo 202.030 } 182.527 fean Data D: CCVM04IRCC ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 2001 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6	4.75314 217.609 1082.11 1036.68 P D Mean Conc. 0.961 0.889 9051.94 582.553 -2.05191 10116.1 237.265 -0.0403414 23321.5	µg/L µg/L µg/L µg/L µg/L ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ja 589.592 fo 202.030 } 182.527 fean Data D: CCVM04IRCC ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 CV01 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2	4.75314 217.609 1082.11 1036.68 P D Mean Conc. 0.961 0.889 9051.94 582.553 -2.05191 10116.1 237.265 -0.0403414 23321.5 22836.2	µg/L µg/L µg/L µg/L µg/L µg/L ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 Io 202.030 Ia 182.527 Iean Data D: CCVM04IRCO ample Qty: Ilement I 360.073 Ic 361.384 I 308.215 Ib 206.833 Is 188.979 Ia 233.527 Ie 313.107 Id 226.502 Ia 430.253 Ia 227.547 Ir 205.560</pre>	443.3 32451.5 9959.6 1775.0 2001 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2 33982.2	4.75314 217.609 1082.11 1036.68 	<pre>µg/L µg/L µg/L µg/L µg/L eq. No.: 33 Samp] rep. Vol.: 1.0 ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 Io 202.030 I 182.527 Iean Data D: CCVM04IRCO ample Qty: Iement I 360.073 Ic 361.384 I 308.215 Ib 206.833 Is 188.979 Ia 233.527 Ie 313.107 Id 226.502 Ia 430.253 Ia 227.547 Ir 205.560 Io 228.616</pre>	443.3 32451.5 9959.6 1775.0 2001 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2 33982.2 87113.4	4.75314 217.609 1082.11 1036.68 	<pre>µg/L µg/L µg/L µg/L µg/L eq. No.: 33 Sampl rep. Vol.: 1.0 ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 Io 202.030 Ia 182.527 Iean Data D: CCVM04IRCO ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 2001 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2 33982.2 87113.4 158915.6	4.75314 217.609 1082.11 1036.68 	<pre>µg/L µg/L µg/L µg/L µg/L µg/L ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 Io 202.030 Ia 182.527 Iean Data D: CCVM04IRCO ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 2000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2 33982.2 87113.4 158915.6 236151.4	4.75314 217.609 1082.11 1036.68 	<pre>µg/L µg/L µg/L µg/L µg/L µg/L ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 fo 202.030 } 182.527 Iean Data D: CCVM04IRCC ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 CV01 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2 33982.2 87113.4 158915.6 236151.4 111.8 687418.0 2240311.1	4.75314 217.609 1082.11 1036.68 P D Mean Conc. 0.961 0.889 9051.94 582.553 -2.05191 10116.1 237.265 -0.0403414 23321.5 22836.2 998.503 2362.93 1157.45 4669.85 5.20421 23911.1 2435.85	<pre>µg/L µg/L µg/L µg/L µg/L µg/L ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 Io 202.030 Ia 182.527 Iean Data D: CCVM04IRCO ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 Wean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2 33982.2 87113.4 158915.6 236151.4 111.8 687418.0 2240311.1 72308.6	4.75314 217.609 1082.11 1036.68 P D Mean Conc. 0.961 0.889 9051.94 582.553 -2.05191 10116.1 237.265 -0.0403414 23321.5 22836.2 998.503 2362.93 1157.45 4669.85 5.20421 23911.1	<pre>µg/L µg/L µg/L µg/L µg/L µg/L ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 fo 202.030 } 182.527 Iean Data D: CCVM04IRCC ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 CV01 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2 33982.2 87113.4 158915.6 236151.4 111.8 687418.0 2240311.1	4.75314 217.609 1082.11 1036.68 P D Mean Conc. 0.961 0.889 9051.94 582.553 -2.05191 10116.1 237.265 -0.0403414 23321.5 22836.2 998.503 2362.93 1157.45 4669.85 5.20421 23911.1 2435.85	<pre>µg/L µg/L µg/L µg/L µg/L µg/L ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 Io 202.030 Ia 182.527 Iean Data D: CCVM04IRCO ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 CV01 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2 33982.2 87113.4 158915.6 236151.4 111.8 687418.0 2240311.1 72308.6 8946297.6 57.6	4.75314 217.609 1082.11 1036.68 	<pre>µg/L µg/L µg/L µg/L µg/L µg/L ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 Io 202.030 Ja 589.592 Io 202.030 Ja 589.592 Iean Data D: CCVM04IRCO ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 2001 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2 33982.2 87113.4 158915.6 236151.4 111.8 687418.0 2240311.1 72308.6 8946297.6 57.6 45458.9	$\begin{array}{c} 4.75314\\ 217.609\\ 1082.11\\ 1036.68\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	<pre>µg/L µg/L µg/L µg/L µg/L µg/L ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>) L Mean	Dilution: 1 Date: 10/12/04 Sample	
In 206.200 Ja 589.592 fo 202.030 3 182.527 Jean Data D: CCVM04IRCO jample Qty: 	443.3 32451.5 9959.6 1775.0 CV01 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2 33982.2 87113.4 158915.6 236151.4 111.8 687418.0 2240311.1 72308.6 8946297.6 57.6	$\begin{array}{c} 4.75314\\ 217.609\\ 1082.11\\ 1036.68\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	<pre>µg/L µg/L µg/L µg/L µg/L eq. No.: 33 Samp] rep. Vol.: 1.0 ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>) L Mean	Dilution: 1 Date: 10/12/04 Sample	
<pre>In 206.200 Ia 589.592 Io 202.030 Ja 589.592 Io 202.030 Ja 589.592 Iean Data D: CCVM04IRCO ample Qty:</pre>	443.3 32451.5 9959.6 1775.0 2001 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2 33982.2 87113.4 158915.6 236151.4 111.8 687418.0 2240311.1 72308.6 8946297.6 57.6 45458.9	4.75314 217.609 1082.11 1036.68 P D Mean Conc. 0.961 0.889 9051.94 582.553 -2.05191 101161 237.265 -0.0403414 23321.5 22836.2 998.503 2362.93 1157.45 4669.85 5.20421 2391.11 2435.85 2399.95 30041.1 9.43517 690.384	<pre>µg/L µg/L µg/L µg/L µg/L µg/L eq. No.: 33 Samp] rep. Vol.: 1.0 ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>) L Mean	Dilution: 1 Date: 10/12/04 Sample Units	4:58:29 PM
In 206.200 Ja 589.592 fo 202.030 3 182.527 Jean Data D: CCVM04IRCO jample Qty: 	443.3 32451.5 9959.6 1775.0 2001 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2 33982.2 87113.4 158915.6 236151.4 111.8 687418.0 2240311.1 72308.6 8946297.6 57.6 45458.9 7035.4	$\begin{array}{c} 4.75314\\ 217.609\\ 1082.11\\ 1036.68\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	<pre>µg/L µg/L µg/L µg/L µg/L µg/L eq. No.: 33 Samp] rep. Vol.: 1.0 ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>) L Mean	Dilution: 1 Date: 10/12/04 Sample Units	4:58:29 PM
In 206.200 Ja 589.592 fo 202.030 3 182.527 Jean Data D: CCVM04IRCO jample Qty: 	443.3 32451.5 9959.6 1775.0 2001 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2 33982.2 87113.4 158915.6 236151.4 111.8 687418.0 2240311.1 72308.6 8946297.6 57.6 45458.9 7035.4	$\begin{array}{c} 4.75314\\ 217.609\\ 1082.11\\ 1036.68\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	<pre>µg/L µg/L µg/L µg/L µg/L µg/L eq. No.: 33 Samp] rep. Vol.: 1.0 ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>) L Mean	Dilution: 1 Date: 10/12/04 Sample	4:58:29 PM
<pre>In 206.200 Ia 589.592 Io 202.030 } 182.527 Iean Data D: CCVM04IRCO ample Qty: </pre>	443.3 32451.5 9959.6 1775.0 2001 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2 33982.2 87113.4 158915.6 236151.4 111.8 687418.0 2240311.1 72308.6 8946297.6 57.6 45458.9 7035.4	$\begin{array}{c} 4.75314\\ 217.609\\ 1082.11\\ 1036.68\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	<pre>µg/L µg/L µg/L µg/L µg/L µg/L eq. No.: 33 Samp] rep. Vol.: 1.0 ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>) L Mean	Dilution: 1 Date: 10/12/04 Sample Units	4:58:29 PM
<pre>In 206.200 Ia 589.592 Io 202.030 Ia 182.527 Iean Data D: CCVM04IRCC ample Qty: Iement Iement Iement I 360.073 Ic 361.384 I 308.215 Ib 206.833 Is 188.979 Ia 233.527 Ie 313.107 Id 226.502 Ia 430.253 Ia 227.547 Ir 205.560 Io 228.616 Iu 324.754 Ie 273.955 Ib 220.353 Ifg 279.079 Im 257.610 If 231.604 Ic 766.491 Ie 196.026 Ig 338.289 Ia 330.237</pre>	443.3 32451.5 9959.6 1775.0 2001 1.0000 g Mean Corr. Intensity 68769.7 277445.5 220060.8 1023.8 -19.1 1351641.5 383986.3 -45.4 278012.6 1964.2 33982.2 87113.4 158915.6 236151.4 111.8 687418.0 2240311.1 72308.6 8946297.6 57.6 45458.9 7035.4	$\begin{array}{c} 4.75314\\ 217.609\\ 1082.11\\ 1036.68\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	<pre>µg/L µg/L µg/L µg/L µg/L µg/L eq. No.: 33 Samp] rep. Vol.: 1.0 ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>) L Mean	Dilution: 1 Date: 10/12/04 Sample Units	4:58:29 PM

lethod: CLP			Page 15		Date: 10/12/04 5:07:09 PM
/ 292.402	171073.0	2307.25	hd\r		
Zn 206.200	180973.8	2394.20	µg/L		
Na 589.592	14468202.2	31074.8	μg/L		
10 202.030	4883.3 -16.6	530.458 6.36794	μg/L μg/L		
3 182.527			µgy ⊐		
4ean Data ID: CCVM02ISBC	CV71	c	or No : 34 Sample No	: 13	A/5 Pos: 3
Sample Qty:	1.0000 g	I	Prep. Vol.: 1.0 L Data: Original		Dilution: 1.0: 1.0 Date: 10/12/04 5:02:47 PM
		Mean	Calib	Mean	Sample
Element	Intensity		Units µg/L	Conc.	Units
360.073 82 361.384	71945.4 299618.8	1.006 0.960	µg/L µg/L		
1 308.215	14459.4	5.55771	μg/L		
b 206.833	966.9	549.195	µg/L		
s 188.979	2427.1	1002.11	μg/L		
3a 233.527	333.0	3.87040	µg/L		
Be 313.107	357.7	0.127202	μg/L ug/T		
d 226.502 a 430.253	31088.5 10104.0	501.589 813.197	μg/L μg/L		
La 430.253 La 227.547	-107.7	594.207	μq/L		
205.560	0.7	0.767756	µg/L		
Co 228.616	72.5	1.27079	µg/L		
Lu 324.754	2930.7	1.20630	µg/L		
re 273.955	1086.1	14.2224	µg/L µg/T		$\label{eq:product} \left\{ \begin{array}{llllllllllllllllllllllllllllllllllll$
220.353 4g 279.079	6659.6 3210.7	906.046 1.40590	μg/L μg/L		
in 257.610	1474.1	1.03580	µg/L		
Ni 231.604	70.3	1.32843	µg/L		
x 766.491	23540.8	54.2547	µg/L		
Se 196.026	2312.0	1026.68	µg/L		
Ag 338.289	-419.6 -137.9	4.73900 800.661	μg/L μg/L		
Na 330.237 Fl 190.800	2456.7	911.715	µg/L µg/L		
/ 292.402	-53.3	0.592569	µg/L		
Zn 206.200	303.3	2.90070	hā/r		
Va 589.592	34025.3	220.973	μg/L		
40 202.030 3 182.527	4700.0 -19.4	$510.534 \\ 4.73558$	µg∕L µg∕L		
1ean Data					
ID: CCB Sample Qty:	1.0000 g	. · · E	Seq. No.: 35 Sample No. Prep. Vol.: 1.0 L Data: Original	: 14	A/S Pos: 1 Dilution: 1.0: 1.0 Date: 10/12/04 5:06:40 PM
		Mean	Calib	Mean	Sample
	Mean Corr.				
Element	Intensity	Conc.		Conc.	Units
Y 360.073	Intensity 70668.1	Conc. 0.988	µg/L	Conc.	Units
7 360.073 Sc 361.384	Intensity	Conc.		Conc.	Units
7 360.073 5c 361.384 Al 308.215	Intensity 70668.1 289884.2	Conc. 0.988 0.928	µg/L µg/L µg/L µg/L	Conc.	Units
7 360.073 5c 361.384 Al 308.215 5b 206.833 As 188.979	Intensity 70668.1 289884.2 14320.2 49.0 -8.1	Conc. 0.988 0.928 -0.565953 10.7292 2.60787	μg/L μg/L μg/L μg/L μg/L	Conc.	Units
7 360.073 5c 361.384 Al 308.215 5b 206.833 As 188.979 Ba 233.527	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753	μg/L μg/L μg/L μg/L μg/L μg/L	Conc.	Units
7 360.073 5c 361.384 Al 308.215 5b 206.833 As 188.979 Ba 233.527 Be 313.107	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.0281377	hg/r hg/r hg/r hg/r hg/r hg/r	Conc.	Units
7 360.073 5c 361.384 Al 308.215 5b 206.833 As 188.979 Ba 233.527 Be 313.107 5c 226.502	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.0281377 0.266648	μg/L μg/L μg/L μg/L μg/L μg/L μg/L	Conc.	Units
7 360.073 5c 361.384 Al 308.215 5b 206.833 As 188.979 3a 233.527 3e 313.107 5d 226.502 5a 430.253	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8 10099.0	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.0281377	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Conc.	Units
7 360.073 5c 361.384 1 308.215 5b 206.833 5c 188.979 5a 233.527 5e 313.107 5c 226.502 5c 430.253 5c 227.547	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.0281377 0.266648 812.772	μg/L μg/L μg/L μg/L μg/L μg/L μg/L	Conc.	Units
7 360.073 5c 361.384 1 308.215 5b 206.833 5s 188.979 5a 233.527 5e 313.107 5c 226.502 5a 430.253 5a 227.547 5r 205.560	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8 10099.0 -112.6 -24.0 22.4	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.0281377 0.266648 812.772 540.805 0.0416747 -0.0872411	hg/L hg/L hg/L hg/L hg/L hg/L hg/L hg/L	Conc.	Units
2 360.073 30 361.384 1 308.215 30 206.833 31 188.979 32 233.527 32 313.107 32 26.502 32 430.253 32 227.547 32 225.560 32 228.616 32 4.754	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8 10099.0 -112.6 -24.0 22.4 2797.5	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.0281377 0.266648 812.772 540.805 0.0416747 -0.0872411 0.218568	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Conc.	Units
<pre>360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 c 313.107 cd 226.502 ca 430.253 ca 227.547 cr 205.560 co 228.616 cu 324.754 re 273.955</pre>	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8 10099.0 -112.6 -24.0 22.4 2797.5 599.8	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.0281377 0.266648 812.772 540.805 0.0416747 -0.0872411 0.218568 4.58924	Hg/L Hg/L Hg/L Hg/L Hg/L Hg/L Hg/L Hg/L	Conc.	Units
<pre>360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 be 313.107 cd 226.502 ca 430.253 ca 227.547 cr 205.560 co 228.616 cu 324.754 re 273.955 rb 220.353</pre>	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8 10099.0 -112.6 -24.0 22.4 2797.5 599.8 106.4	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.0281377 0.266648 812.772 540.805 0.0416747 -0.0872411 0.218568 4.58924 3.78732	Hg/L Hg/L Hg/L Hg/L Hg/L Hg/L Hg/L Hg/L	Conc.	Units
<pre>2 360.073 3c 361.384 Al 308.215 3b 206.833 As 188.979 3a 233.527 3e 313.107 cd 226.502 ca 430.253 ca 227.547 Cr 205.560 co 228.616 cu 324.754 7e 273.955 eb 220.353 4g 279.079</pre>	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8 10099.0 -112.6 -24.0 22.4 2797.5 599.8 106.4 3135.9	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.0281377 0.266648 812.772 540.805 0.0416747 -0.0872411 0.218568 4.58924 3.78732 -1.20802	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Conc.	Units
<pre>2 360.073 3c 361.384 Al 308.215 3b 206.833 As 188.979 3a 233.527 3e 313.107 3cd 226.502 3ca 430.253 3ca 227.547 3cr 205.560 3co 228.616 3cu 324.754 3co 228.616 3cu 324.754 3co 220.353 4g 279.079 4n 257.610</pre>	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8 10099.0 -112.6 -24.0 22.4 2797.5 599.8 106.4	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.0281377 0.266648 812.772 540.805 0.0416747 -0.0872411 0.218568 4.58924 3.78732	Hg/L Hg/L Hg/L Hg/L Hg/L Hg/L Hg/L Hg/L	Conc.	Units
$ \begin{array}{c} 360.073 \\ 5c 361.384 \\ 1 308.215 \\ 5b 206.833 \\ As 188.979 \\ Ba 233.527 \\ 3e 313.107 \\ cd 226.502 \\ ca 430.253 \\ ca 227.547 \\ cr 205.560 \\ co 228.616 \\ cu 324.754 \\ Fe 273.955 \\ cb 220.353 \\ dg 279.079 \\ dm 257.610 \\ Vi 231.604 \\ \end{array} $	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8 10099.0 -112.6 -24.0 22.4 2797.5 599.8 106.4 3135.9 704.5 41.2 13247.6	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.0281377 0.266648 812.772 540.805 0.0416747 -0.0872411 0.218568 4.58924 3.78732 -1.20802 0.198683 0.362889 19.6623	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Conc.	Units
Y 360.073 5c 361.384 Al 308.215 5b 206.833 As 188.979 3a 233.527 3e 313.107 5d 226.502 5a 430.253 5a 227.547 5r 205.560 50 228.616 5u 324.754 Fe 273.955 Fb 220.353 Mg 279.079 Mn 257.610 Ni 231.604 K 766.491 Se 196.026	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8 10099.0 -112.6 -24.0 22.4 2797.5 599.8 106.4 3135.9 704.5 41.2 13247.6 46.3	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.0281377 0.266648 812.772 540.805 0.0416747 -0.0872411 0.218568 4.58924 3.78732 -1.20802 0.198683 0.362889 19.6623 3.49321	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Conc.	Units
$\begin{array}{c} 360.073\\ 5c 361.384\\ 41 308.215\\ 5b 206.833\\ 4s 188.979\\ 3a 233.527\\ 3e 313.107\\ cd 226.502\\ ca 430.253\\ ca 227.547\\ cr 205.560\\ co 228.616\\ cu 324.754\\ cr 3955\\ cb 220.353\\ dg 279.079\\ dm 257.610\\ vi 231.604\\ k 766.491\\ 5e 196.026\\ Ag 338.289\\ \end{array}$	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8 10099.0 -112.6 -24.0 22.4 2797.5 599.8 106.4 3135.9 704.5 41.2 13247.6 46.3 -685.0	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.0281377 0.266648 812.772 540.805 0.0416747 -0.0872411 0.218568 4.58924 3.78732 -1.20802 0.198683 0.362889 19.6623 3.49321 0.773344	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Conc.	Units
Y 360.073 Sc 361.384 Al 308.215 Sb 206.833 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Ca 227.547 Cr 205.560 Co 228.616 Cu 324.754 Fe 273.955 Pb 220.353 Mg 279.079 Mn 257.610 Vi 231.604 X 766.491 Se 196.026 Ag 338.289 Na 330.237	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8 10099.0 -112.6 -24.0 22.4 2797.5 599.8 106.4 3135.9 704.5 41.2 13247.6 46.3 -685.0 -127.1	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.0281377 0.266648 812.772 540.805 0.0416747 -0.0872411 0.218568 4.58924 3.78732 -1.20802 0.198683 0.362839 19.6623 3.49321 0.773344 836.253	μg/L μg/L <	Conc.	Units
Y 360.073 5c 361.384 Al 308.215 5b 206.833 As 188.979 3a 233.527 7d 226.502 Ca 430.253 Ca 227.547 Cr 205.560 Co 228.616 Cu 324.754 Fe 273.955 Pb 220.353 Mg 279.079 Mn 257.610 Ni 231.604 K 766.491 Se 196.026 Ag 338.289 Na 330.237 Fl 190.800	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8 10099.0 -112.6 -24.0 22.4 2797.5 599.8 106.4 3135.9 704.5 41.2 13247.6 46.3 -685.0 -127.1 -44.1	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.261677 0.26648 812.772 540.805 0.0416747 -0.0872411 0.218568 4.58924 3.78732 -1.20802 0.198683 0.362889 19.6623 3.49321 0.773344 836.253 0.426065	µg/L	Conc.	Units
Y 360.073 5c 361.384 Al 308.215 5b 206.833 As 188.979 3a 233.527 3e 313.107 5d 226.502 5a 430.253 5a 227.547 5r 205.560 50 228.616 5u 324.754 Fe 273.955 Fb 220.353 Mg 279.079 Mn 257.610 Ni 231.604 K 766.491 Se 196.026 Ag 338.289 Na 330.237	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8 10099.0 -112.6 -24.0 22.4 2797.5 599.8 106.4 3135.9 704.5 41.2 13247.6 46.3 -685.0 -127.1	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.0281377 0.266648 812.772 540.805 0.0416747 -0.0872411 0.218568 4.58924 3.78732 -1.20802 0.198683 0.362839 19.6623 3.49321 0.773344 836.253	μg/L μg/L <	Conc.	
<pre>Z 360.073 3c 361.384 Al 308.215 Sb 206.833 As 188.979 3a 233.527 3c 313.107 Cd 226.502 Ca 430.253 Ca 227.547 Cr 205.560 Co 228.616 Cu 324.754 Fe 273.955 Pb 220.353 4g 279.079 fm 257.610 Vi 231.604 K 766.491 Se 196.026 Ag 338.289 Na 330.237 Fl 190.800</pre>	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8 10099.0 -112.6 -24.0 22.4 2797.5 599.8 106.4 3135.9 704.5 41.2 13247.6 46.3 -685.0 -127.1 -44.1	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.261677 0.26648 812.772 540.805 0.0416747 -0.0872411 0.218568 4.58924 3.78732 -1.20802 0.198683 0.362889 19.6623 3.49321 0.773344 836.253 0.426065	µg/L	Conc.	Units 000095
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610 i 231.604 766.491 e 196.026 g 338.289 a 330.237 l 190.800	Intensity 70668.1 289884.2 14320.2 49.0 -8.1 -137.2 197.4 -68.8 10099.0 -112.6 -24.0 22.4 2797.5 599.8 106.4 3135.9 704.5 41.2 13247.6 46.3 -685.0 -127.1 -44.1	Conc. 0.988 0.928 -0.565953 10.7292 2.60787 0.351753 0.261677 0.26648 812.772 540.805 0.0416747 -0.0872411 0.218568 4.58924 3.78732 -1.20802 0.198683 0.362889 19.6623 3.49321 0.773344 836.253 0.426065	µg/L	Conc.	

iethod: CLP			Page 1	6	Date: 10/12/04	5:16:10 PM
in 206.200	130.3	0.610556	µg/L			
Ja 589.592	20318.8	191.674	μg/L			
10 202.030	43.1	4.46196	μg/L			
3 182.527	-25.6	1.19124	µg/L			
lean Data				ample No.: 11	A/S Pos: 34	
ID: 241274-009 Sample Qty:		Di Pi	≧q. №0.: 36 – 5 rep. Vol.:	1.0 mL		1.0: 1.0
Aurite 201.		Da	ata: Original		Date: 10/12/04	5:10:52 PM
	Mean Corr.		Calib	Mean	Sample	
llement	Intensity	Conc.	Units	Conc.	Units	
2 360.073	70584.7	0.987	µg/L			
;c 361.384 1 308.215	280177.1 157135.8	0.897 6283.19	μg/L μg/L	6283.19	µq/L	
th 206.833	157155.0	71.6457	µg/1 µg/L	71.6457	μg/L	
ls 188.979	5324.3	2191.12	μg/L	2191.12	μg/L	
3a 233.527	1450.0	12.2296	hd/r	12.2296	lid/r	
}e 313.107	516.6	0.225455	µg/L	0.225455	hd\r hd\r	
:d 226.502	-77.8 441922.1	0.0355500 37092.4	µg/L µg/L	0.0355500 37092.4	µg/L µg/L	
la 430.253 la 227.547	3215.8	36273.2	μg/L	36273.2	hd\T	
r 205.560	33484.9	983.902	µg/L	983.902	hd/r	· · · · ·
:o 228.616	114.4	2.40735	µg/L	2.40735	µg/L	
u 324.754	3456.3	5.38452	µg/L	5.38452 2853.89	µg/L րզ/L	en andre service de la companya de La companya de la comp
re 273.955 >b 220.353	144462.7 86.3	2853.89 1.69528	µg/L µg/L	1.69528	μg/L μg/L	
ig 279.079	192598.5	6619.57	µg/L	6619.57	µg/L	
In 257.610	453983.2	493.111	µg/L	493.111	μg/L	
li 231.604	282.6	8.37543	µg/L	8.37543	hd\r	
: 766.491	1616129.5	5406.48	μg/L μg/L	5406.48 13.6664	րով լ հեն	
le 196.026 lg 338.289	65.7 -639.4	13.6664 1.45388	µg/L	1.45388	μg/L μg/L	
Ia 330.237	4219.6	15100.7	μg/L	15100.7	µg/L	
1 190.800	-43.8	0.139702	µg/L	0.139702	hd/T	
/ 292.402	-114.6	-0.234145	µg/L	-0.234145	µg/L	
	10.00	10 7051		10 7051	nct/T	
n 206.200	1062.8	12.7251	µg/L	12.7251 17222 9	μg/L ug/L	
la 589.592	7987958.8	12.7251 17222.9 2.32285	μg/L μg/L	12.7251 17222.9 2.32285	µg/L	
		17222.9	µg/L	17222.9		
Ta 589.592 To 202.030 \$ 182.527	7987958.8 23.4 637.0	17222.9 2.32285 382.268	μg/L μg/L μg/L	17222.9 2.32285	µg/L µg/L	
Ia 589.592 fo 202.030 5 182.527 fean Data D: 241274-010	7987958.8 23.4 637.0	17222.9 2.32285 382.268 	μg/L μg/L μg/L μg/L μg/L	17222.9 2.32285 382.268 ample No.: 12	μg/L μg/L μg/L A/S Pos: 35	
Ia 589.592 Io 202.030 5 182.527 Iean Data	7987958.8 23.4 637.0	17222.9 2.32285 382.268 	μg/L μg/L μg/L μg/L eq. No.: 37 S cep. Vol.:	17222.9 2.32285 382.268	µg/L µg/L µg/L A/S Pos: 35 Dilution: 1	L.0: 1.0
Ia 589.592 fo 202.030 5 182.527 fean Data D: 241274-010	7987958.8 23.4 637.0	17222.9 2.32285 382.268 	μg/L μg/L μg/L μg/L μg/L	17222.9 2.32285 382.268 ample No.: 12	μg/L μg/L μg/L A/S Pos: 35	
Ta 589.592 To 202.030 The start the start	7987958.8 23.4 637.0 1.0000 mL Mean Corr.	17222.9 2.32285 382.268 Se Pr Da Mean	µg/L µg/L µg/L µg/L eq. No.: 37 S cep. Vol.: ata: Original Calib	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean	µg/L µg/L µg/L A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample	
Ta 589.592 to 202.030 to 182.527 Tean Data D: 241274-010 Hample Qty: 	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity	17222.9 2.32285 382.268 Se Pr Da Mean Conc.	µg/L µg/L µg/L µg/L eq. No.: 37 S rep. Vol.: ata: Original Calib Units	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc.	µg/L µg/L µg/L A/S Pos: 35 Dilution: 1 Date: 10/12/04	
<pre>Ia 589.592 Io 202.030 Is 182.527 Iean Data D: 241274-010 Hample Qty: Hement I 360.073</pre>	7987958.8 23.4 637.0 1.0000 mL Mean Corr.	17222.9 2.32285 382.268 Se Pr Da Mean	µg/L µg/L µg/L µg/L eq. No.: 37 S cep. Vol.: ata: Original Calib	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean	µg/L µg/L µg/L A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample	
Ta 589.592 to 202.030 to 182.527 Tean Data D: 241274-010 Hample Qty: 	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1	17222.9 2.32285 382.268 Se Pr Da Mean Conc. 1.777 0.925 2708.61	µg/L µg/L µg/L µg/L µg/L eq. No.: 37 S rep. Vol.: ata: Original Calib Units µg/L	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61	µg/L µg/L µg/L A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units µg/L	
Ia 589.592 Io 202.030 3 182.527 Iean Data D: 241274-010 Hample Qty: 	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6	17222.9 2.32285 382.268 Pr Da Mean Conc. 1.777 0.925 2708.61 -5.37407	μg/L μg/L μg/L μg/L μg/L eq. No.: 37 S cep. Vol.: ata: Original Calib Units μg/L μg/L μg/L	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407	µg/L µg/L µg/L A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L	
Ia 589.592 Io 202.030 3 182.527 Iean Data D: 241274-010 Jample Qty: 	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1	17222.9 2.32285 382.268 Pr Da Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615	μg/L μg/L μg/L μg/L μg/L eq. No.: 37 S rep. Vol.: ata: Original Calib Units μg/L μg/L μg/L μg/L	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615	μg/L μg/L μg/L A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units μg/L μg/L μg/L	
Ia 589.592 Io 202.030 S 182.527 Iean Data D: 241274-010 Iample Qty:	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1 2944.3	17222.9 2.32285 382.268 Se Pr Da Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615 23.4114	μg/L μg/L μg/L μg/L μg/L eq. No.: 37 S rep. Vol.: ata: Original Calib Units μg/L μg/L μg/L μg/L μg/L	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407	μg/L μg/L μg/L A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units μg/L μg/L μg/L μg/L	
Ia 589.592 Io 202.030 3 182.527 Iean Data D: 241274-010 Jample Qty: 	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1	17222.9 2.32285 382.268 Pr Da Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615	μg/L μg/L μg/L μg/L μg/L eq. No.: 37 S rep. Vol.: ata: Original Calib Units μg/L μg/L μg/L μg/L	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615 23.4114	μg/L μg/L μg/L A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units μg/L μg/L μg/L	
Ia 589.592 Io 202.030 5 182.527 Iean Data D: 241274-010 Hample Qty: 	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1 2944.3 327.7 -41.7 484328.6	17222.9 2.32285 382.268 Se Pr Da Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2	µg/L µg/L µg/L µg/L µg/L cep. Vol.: ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2	μg/L μg/L μg/L μg/L Date: 35 Dilution: 1 Date: 10/12/04 Sample Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Ia 589.592 Io 202.030 5 182.527 Iean Data D: 241274-010 Hample Qty: Clement 7 360.073 Hc 361.384 Ll 308.215 Hb 206.833 Ls 188.979 Ha 233.527 He 313.107 Hd 226.502 Ha 430.253 Ha 227.547	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1 2944.3 327.7 -41.7 484328.6 3611.7	17222.9 2.32285 382.268 See Pr Da Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9	µg/L µg/L µg/L µg/L µg/L ada: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9	μg/L μg/L μg/L μg/L A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Ia 589.592 Io 202.030 5 182.527 Iean Data D: 241274-010 Hample Qty: Clement 7 360.073 Hc 361.384 Ll 308.215 Hb 206.833 Ls 188.979 Ha 233.527 He 313.107 Hd 226.502 Ha 430.253 Ha 227.547 Hr 205.560	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1 2944.3 327.7 -41.7 484328.6 3611.7 432.4	17222.9 2.32285 382.268 Se Pr Da Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9 13.4435	µg/L µg/L µg/L µg/L µg/L ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9 13.4435	µg/L µg/L µg/L A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Ia 589.592 Io 202.030 5 182.527 Iean Data D: 241274-010 Hample Qty: Clement 7 360.073 Hc 361.384 Ll 308.215 Hb 206.833 Ls 188.979 Ha 233.527 He 313.107 Hd 226.502 Ha 430.253 Ha 227.547	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1 2944.3 327.7 -41.7 484328.6 3611.7	17222.9 2.32285 382.268 See Pr Da Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9	µg/L µg/L µg/L µg/L µg/L ada: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9	μg/L μg/L μg/L μg/L A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Ia 589.592 io 202.030 s 182.527 Iean Data D: 241274-010 ample Qty:	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1 2944.3 327.7 -41.7 484328.6 3611.7 432.4 101.7 2236.6 225211.7	17222.9 2.32285 382.268 Se Pr Da Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615 23.4114 0.1086546 40655.2 40655.2 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18	<pre>µg/L µg/L µg/L µg/L µg/L eq. No.: 37 S rep. Vol.: ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18	<pre>µg/L µg/L µg/L µg/L A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>	
Ia 589.592 io 202.030 s 182.527 Iean Data D: 241274-010 iample Qty:	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1 2944.3 327.7 -41.7 484328.6 3611.7 432.4 101.7 2236.6 225211.7 67.7	17222.9 2.32285 382.268 Se Pr Da Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801	<pre>µg/L µg/L µg/L µg/L µg/L eq. No.: 37 S rep. Vol.: ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801	<pre>µg/L µg/L µg/L µg/L</pre> A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Ia 589.592 Io 202.030 S 182.527 Iean Data D: 241274-010 Iample Qty:	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1 2944.3 327.7 -41.7 484328.6 3611.7 4832.4 101.7 2236.6 225211.7 67.7 143471.3	17222.9 2.32285 382.268 Se Pr Da Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801 4902.82	<pre>µg/L µg/L µg/L µg/L µg/L eq. No.: 37 S rep. Vol.: ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801 4902.82	<pre>µg/L µg/L µg/L µg/L</pre> A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Ia 589.592 io 202.030 s 182.527 Iean Data D: 241274-010 iample Qty:	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1 2944.3 327.7 -41.7 484328.6 3611.7 432.4 101.7 2236.6 225211.7 67.7	17222.9 2.32285 382.268 Se Pr Da Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801	<pre>µg/L µg/L µg/L µg/L µg/L eq. No.: 37 S rep. Vol.: ata: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801	<pre>µg/L µg/L µg/L µg/L</pre> A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Ia 589.592 Io 202.030 S 182.527 Iean Data D: 241274-010 Iample Qty:	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1 2944.3 327.7 -41.7 484328.6 3611.7 432.4 101.7 2236.6 225211.7 67.7 143471.3 178495.6 139.9 1331927.5	17222.9 2.32285 382.268 Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801 4902.82 193.478 3.63738 4451.36	<pre>µg/L µg/L µg/L µg/L µg/L</pre>	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801 4902.82 193.478 3.63738 4451.36	<pre>µg/L µg/L µg/L µg/L</pre> A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units <pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	
Ia 589.592 Io 202.030 S 182.527 Iean Data D: 241274-010 Iample Qty:	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1 2944.3 327.7 -41.7 484328.6 3611.7 432.4 101.7 2236.6 225211.7 67.7 143471.3 178495.6 139.9 1331927.5 37.4	17222.9 2.32285 382.268 Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801 4902.82 193.478 3.63738 4451.36 1.21920	<pre>µg/L µg/L µg/L µg/L µg/L</pre>	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801 4902.82 193.478 3.63738 4451.36 1.21920	<pre>µg/L µg/L µg/L µg/L</pre> A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units <pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	
Ia 589.592 Io 202.030 S 182.527 Iean Data D: 241274-010 Iample Qty:	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1 2944.3 327.7 -41.7 484328.6 3611.7 432.4 101.7 2236.6 225211.7 67.7 143471.3 178495.6 139.9 1331927.5 37.4 -460.3	17222.9 2.32285 382.268 Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801 4902.82 193.478 3.63738 4451.36 1.21920 4.13151	<pre>µg/L µg/L µg/L µg/L µg/L</pre>	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801 4902.82 193.478 3.63738 4451.36 1.21920 4.13151	<pre>µg/L µg/L µg/L µg/L</pre> A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Ia 589.592 Io 202.030 S 182.527 Iean Data D: 241274-010 Iample Qty:	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1 2944.3 327.7 -41.7 484328.6 3611.7 432.4 101.7 2236.6 225211.7 67.7 143471.3 178495.6 139.9 1331927.5 37.4	17222.9 2.32285 382.268 Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801 4902.82 193.478 3.63738 4451.36 1.21920	<pre>µg/L µg/L µg/L µg/L µg/L</pre>	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801 4902.82 193.478 3.63738 4451.36 1.21920	<pre>µg/L µg/L µg/L µg/L</pre> A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units <pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	
Ia 589.592 io 202.030 5 182.527 Iean Data D: 241274-010 iample Qty:	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1 2944.3 327.7 -41.7 484328.6 3611.7 432.4 101.7 2236.6 225211.7 67.7 143471.3 178495.6 139.9 1331927.5 37.4 -460.3 3929.5 -26.6 322.5	17222.9 2.32285 382.268 Se Pr Da Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615 23.4114 0.108654 0.108654 0.568963 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801 4902.82 193.478 3.63738 4451.36 1.21920 4.13151 14148.8 6.64271 5.65800	<pre>µg/L µg/L µg/L µg/L µg/L</pre>	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801 4902.82 193.478 3.63738 4451.36 1.21920 4.13151 14148.3 6.64271 5.65800	<pre>µg/L µg/L µg/L µg/L µg/L</pre> A/S Pos: 35 Dilution: 1 Date: 10/12/04 Sample Units <pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	
Ia 589.592 io 202.030 5 182.527 Iean Data D: 241274-010 Iample Qty: Iean 360.073 ic 361.384 L1 308.215 ib 206.833 us 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955 ib 220.353 ig 279.079 in 257.610 ii 231.604 ii 216.026 ig 38.289 ia 330.237 ii 190.800	7987958.8 23.4 637.0 1.0000 mL Mean Corr. Intensity 127104.7 288687.9 75879.1 21.6 0.1 2944.3 327.7 -41.7 484328.6 3611.7 432.4 101.7 2236.6 225211.7 67.7 143471.3 178495.6 139.9 1331927.5 37.4 -460.3 3929.5 -26.6	17222.9 2.32285 382.268 Se Pr Da Mean Conc. 1.777 0.925 2708.61 -5.37407 6.21615 23.4114 0.108654 0.108654 0.568963 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801 4902.82 193.478 3.63738 4451.36 1.21920 4.13151 14148.8 6.64271	<pre>µg/L µg/L µg/L µg/L µg/L</pre>	17222.9 2.32285 382.268 ample No.: 12 1.0 mL Mean Conc. 2708.61 -5.37407 6.21615 23.4114 0.108654 0.568963 40655.2 40522.9 13.4435 2.06277 -3.49289 4453.18 -1.00801 4902.82 193.478 3.63738 4451.36 1.21920 4.13151 14148.3 6.64271	<pre>µg/L µg/L µg/L µg/L µg/L Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>	

		Page	17	Date: 10/12/04	5:24:20 PM
7866664 1	16963.7	uα/τ.	16963.7	na/r	
8.0	0.651499	μg/μ	0.651499	µg/L	
224.2	144.819	µg/L	144.819	µg/L	
		Seq. No.: 38	Sample No.: 13	A/S-Pop: 36	
1.0000 mL		Prep. Vol.:	1.0 mL	Dilution:	1.0: 1.0
		Data: Original	· · · · · · · · · · · · · · · · · · ·	Date: 10/12/04	5:19:39 PM
Mean Corr.	Mean	Calil	Mean	Sampl	
Intensity	Conc	. Units	s Conc.	Units	
70749.3	0.989	µg/L			
		hð/m		ucr/T	
0.5				µg/L	
-85.0	0.742479	µg/L	0.742479		
196.9		μg/L	0.0278386		
	0.235448				
	1.57301	ע/פא 110/T			
	1.17803	μg/L	1 17803	l'ā\T līd\T	
3045.3	2.06702	µg/L	2.06702	J_g/L	
6898.8	129.346	μg/L	129.346	µg/L	
				µg/L	
48.3	4.44978	µg/L		µg/L	
		µg/L		hd/T	•
5.5	1271.36				
-48.6	-1.23/83	hd\T		· . •	
			14.1010		
136937.2	440.952	µg/L		µg/L	
-1.5	-0.380009	µg/L	-0.380009	µg/L	
-20.1	4.35022	μg/L	4.35022	µg/L	
		Seq. No.: 39	Sample No.: 14		3.6
		Prep. Vol.:	Sample No.: 14 1.0 mL	Dilution:	
1.0000 mL		Prep. Vol.: Data: Original	1.0 mL	Dilution: Date: 10/12/04	5:23:46 PM
1.0000 mL Mean Corr.	Mean	Prep. Vol.: Data: Original Calik	1.0 mL Mean	Dilution: Date: 10/12/04 Sample	5:23:46 PM
1.0000 mL Mean Corr. Intensity	Mean Conc	Prep. Vol.: Data: Original Calik . Units	1.0 mL Mean	Dilution: Date: 10/12/04	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7	Mean Conc 0.949	Prep. Vol.: Data: Original Calik . Units µg/L	1.0 mL Mean	Dilution: Date: 10/12/04 Sample	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5	Mean Conc 0.949 0.894	Prep. Vol.: Data: Original Calik . Units μg/L μg/L	1.0 mL Mean Conc. 1926.59	Dilution: Date: 10/12/04 Sampl Units µg/L	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9	Mean Conc 0.949 0.894	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690	Dilution: Date: 10/12/04 Sampl Units µg/L µg/L	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6	Dilution: Date: 10/12/04 Sampl Units µg/L µg/L µg/L	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039	Dilution: Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0 221.0	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039 0.0427000	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039 0.0427000	Dilution: Date: 10/12/04 Sampl Units µg/L µg/L µg/L µg/L	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0 221.0 -75.5	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L QID 304 µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039	Dilution: Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0 221.0 -75.5 917105.6 6746.1	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L Q10/304 µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0	Dilution: Date: 10/12/04 Sampl Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0 221.0 -75.5 917105.6 6746.1 5686.4	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707	Dilution: Date: 10/12/04 Sampl Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0 221.0 -75.5 917105.6 6746.1 5686.4 84.8	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449	Dilution: Date: 10/12/04 Sampl Units Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0 221.0 -75.5 917105.6 6746.1 5686.4 84.8 14118.8	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420	Dilution: Date: 10/12/04 Sampl Units Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0 221.0 -75.5 917105.6 6746.1 5686.4 84.8 14118.8 19463.2	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193	Dilution: Date: 10/12/04 Sampl Units Units Ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L u	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0 221.0 -75.5 917105.6 6746.1 5686.4 84.8 14118.8	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420	Dilution: Date: 10/12/04 Sampl Units Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0 221.0 -75.5 917105.6 6746.1 5686.4 84.8 14118.8 19463.2 99.5	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193 3.69345	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193 3.69345 10792.8 1125.82	Dilution: Date: 10/12/04 Sampl Units Units Ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L u	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0 221.0 -75.5 917105.6 6746.1 5686.4 84.8 14118.8 19463.2 99.5 312021.8 1035716.9 413.3	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193 3.69345 10792.8 1125.82 12.7156	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193 3.69345 10792.8 1125.82 12.7156	Dilution: Date: 10/12/04 Sampl Units Units ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0 221.0 -75.5 917105.6 6746.1 5686.4 84.8 14118.8 19463.2 99.5 312021.8 1035716.9 413.3 1126423.0	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193 3.69345 10792.8 1125.82 12.7156 3760.72	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193 3.69345 10792.8 1125.82 12.7156 3760.72	Dilution: Date: 10/12/04 Sampl Units Units Ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L u	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0 221.0 -75.5 917105.6 6746.1 5686.4 84.8 14118.8 19463.2 99.5 312021.8 1035716.9 413.3 1126423.0 80.8	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193 3.69345 10792.8 1125.82 12.7156 3760.72 21.4101	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193 3.69345 10792.8 1125.82 12.7156 3760.72 21.4101	Dilution: Date: 10/12/04 Sampl Units Units Ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L u	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0 221.0 -75.5 917105.6 6746.1 5686.4 84.8 14118.8 19463.2 99.5 312021.8 1035716.9 413.3 1126423.0 80.8 -745.4	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193 3.69345 10792.8 1125.82 12.7156 3760.72 21.4101 -0.129289	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193 3.69345 10792.8 1125.82 12.7156 3760.72 21.4101 -0.129289	Dilution: Date: 10/12/04 Sampl Units Units Ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L u	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0 221.0 -75.5 917105.6 6746.1 5686.4 84.8 14118.8 19463.2 99.5 312021.8 1035716.9 413.3 1126423.0 80.8	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193 3.69345 10792.8 1125.82 12.7156 3760.72 21.4101	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193 3.69345 10792.8 1125.82 12.7156 3760.72 21.4101	Dilution: Date: 10/12/04 Sampl Units Units Ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L u	5:23:46 PM
1.0000 mL Mean Corr. Intensity 67904.7 279271.6 58122.5 91.9 60412.3 484.0 221.0 -75.5 917105.6 6746.1 5686.4 84.8 14118.8 19463.2 99.5 312021.8 1035716.9 413.3 1126423.0 80.8 -745.4 9492.9	Mean Conc 0.949 0.894 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193 3.69345 10792.8 1125.82 12.7156 3760.72 21.4101 -0.129289 32406.4	Prep. Vol.: Data: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0 mL Mean Conc. 1926.59 35.8690 24801.6 5.00039 0.0427000 0.147645 77014.9 74173.0 167.707 1.60449 84.1420 378.193 3.69345 10792.8 1125.82 12.7156 3760.72 21.4101 -0.129289 32406.4	Dilution: Date: 10/12/04 Sampl Units Units Units Units Units Units Units Units Units Units Ung/L Ug/L Ug/L Ug/L Ug/L Ug/L Ug/L Ug/L U	5:23:46 PM
	8.0 224.2 1.0000 mL Mean Corr. Intensity 70749.3 297970.4 16062.7 31.0 0.5 -85.0 196.9 -70.5 14302.6 -87.2 28.2 69.1 3045.3 6898.8 96.6 3962.5 4672.3 54.2 24874.2 48.3 -739.7 5.5 -48.6 -95.8 1149.3 136937.2 -1.5 -20.1	8.0 0.651499 224.2 144.819 1.0000 mL Mean Corr. Mean Intensity Conc 70749.3 0.989 297970.4 0.954 16062.7 76.1177 31.0 0.164149 0.5 6.13173 -85.0 0.742479 196.9 0.0278386 -70.5 0.235448 14302.6 1165.94 -87.2 814.431 28.2 1.57301 69.1 1.17803 3045.3 2.06702 6898.8 129.346 96.6 2.44663 3962.5 27.6792 4672.3 4.51411 54.2 0.793735 24874.2 58.7362 48.3 4.44978 -739.7 -0.0448390 5.5 1271.36 -48.6 -1.23785 -95.8 0.0191628 1149.3 14.1010 136937.2 440.952	7866664.1 16963.7 µg/L 8.0 0.651499 µg/L 224.2 144.819 µg/L 10000 mL Prep. Vol:: Data: Original Mean Corr. Mean Calil Intensity Conc. Unit: 70749.3 0.989 µg/L 297970.4 0.954 µg/L 16062.7 76.1177 µg/L 31.0 0.164149 µg/L 0.5 6.13173 µg/L 0.5 6.13173 µg/L 196.9 0.0278386 µg/L -70.5 0.235448 µg/L -87.2 814.431 µg/L -87.2 814.431 µg/L -87.2 814.431 µg/L	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

lethod: CLP			Page 18	}	Date: 10/12/04	5:32:51 PM
to 202.030 182.527	22.6 840.6	2.23100 499.349	μg/L μg/L	2.23100 499.349	μg/L μg/L	
lean Data D: 241274-012 ample Qty:		Prep	No.: 40 Sa . Vol.: : Original	umple No.: 15 1.0 mL	A/S Pos: 38 Dilution: Date: 10/12/04	1.0: 1.0 5:28:00 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
lement 360.073 c 361.384	Intensity 66926.2 278717.5	Conc. 0.936 0.893	Units µg/L µg/L	Conc.	Units	
.1 308.215 b 206.833 .s 188.979 a 233.527	$58890.1 \\91.5 \\61071.4 \\475.2$	1960.37 35.6569 25072.1 4.93459	µg/L µg/L µg/L µg/L	1960.37 35.6569 25072.1 4.93459	րց/Լ , րց/Լ , րց/Լ ,րց/Լ	
e 313.107 d 226.502 a 430.253	242.9 -58.4 929141.4	0.0562318 0.422321 78026.1	μg/L μg/L μg/L	0.0562318 0.422321 78026.1	µg/L µg/L µg/L	
a 227.547 r 205.560 o 228.616 u 324.754	6760.9 5725.9 95.2 14304.2	74331.7 168.865 1.88640 85.5172	µg/L µg/L µg/L µg/L	$\begin{array}{c} 74331.7\\ 168.865\\ 1.88640\\ 85.5172 \end{array}$	μg/L րց/L րց/L μg/L	
'e 273.955 b 220.353 g 279.079	20201.4 102.6 316748.0	392.814 4.13738 10958.0	μg/L μg/L μg/L	392.314 4.13738 10958.0	μg/L μg/L μg/L	
n 257.610 i 231.604 766.491 e 196.026	1050682.9 420.8 1143435.6 79.0	1142.09 12.9674 3817.90 20.6333	µg/L µg/L µg/L µg/L	1142.09 12.9674 3817.90 20.6333	µg/L µg/L µg/L µg/L	
g 338.289 a 330.237 l 190.800	-736.7 9629.2 -46.5	0.0003294 32853.4 -2.08957	μg/L μg/L μg/L	0.0003294 32853.4 -2.08957 2.06957	μg/L μg/L μg/L	
292.402 n 206.200 a 589.592 o 202.030	145.4 1610.6 Satu 17.0	3.26970 19.8268 irated 1.62769	μg/L μg/L μg/L	3.26970 19.8268 1.62769	µg/L µg/L	
182.527	850.9	505.228	µg/L	505.228	hd\r	
ean Data D: 241274-012 ample Qty:	MS 1.0000 mL	Prep	No.: 41 Sa Vol.: Original	mple No.: 16 1.0 mL	A/S Pos: 39 Dilution: Date: 10/12/04	1.0: 1.0 5:32:16 PM
lement 360.073	Mean Corr. Intensity 73113.3	Mean Conc. 1.022	Calib Units µg/L	Mean Conc.	Sample Units	
c 361.384 1 308.215 b 206.833	308230.1 91751.3 76.4	0.987 3406.27 26.7911	μg/L μg/L μg/L	3406.27 26.7911 22148.2	hg/L hg/L hg/L	
s 188.979 a 233.527 e 313.107 d 226.502	53947.6 265713.5 70693.7 -57.7	22148.2 1989.79 43.6049 0.304142	μg/L μg/L μg/L μg/L	$ 1985.79 \\ 43.6049 \\ 0.304142 $	hd\r hd\r hd\r	
a 430.253 a 227.547 r 205.560	851883.2 6270.9 11415.9 16565.8	71535.3 69070.9 335.929 448.778	μg/L μg/L μg/L μg/L	71535.3 69070.9 335.929 448.778	μg/L μg/L μg/L μg/L	
o 228.616 u 324.754 e 273.955 b 220.353	42373.2 62922.6 60.5	293.580 1238.94 -1.64916	μg/L μg/L μg/L	293.580 1238.94 -1.64916	լլд/L րд/L րд/L	
g 279.079 n 257.610 i 231.604 766.491	280225.1 1388269.9 13614.0 1056670.7	9681.69 1509.35 451.036 3526.31	μg/L μg/L μg/L μg/L	9681.69 1509.35 451.036 3526.31	µg/L րց/L µg/L µg/L	
e 196.026 .g 338.289 a 330.237	92.9 981.9 8343.7	26.8358 25.6838 28635.0	μg/L μg/L μg/L	26.8358 25.6838 28635.0	μg/L μg/L μg/L	
1 190.800 292.402 n 206.200 la 589.592	-63.6 33356.1 36482.0 Satu	-9.25600 450.926 481.581 irated	μg/L μg/L μg/L	-9.25600 450.926 481.581	ից/L ից/L µg/L	
o 202.030	9411.3	1022.53	L\وبا	1022.53	0000398	

Method: CLP			Page 19		Date: 10/12/04	0. .
B 182.527	2490.7	1448.30	µg/L	1448.30	hd\r	
Mean Data ID: 241274-012		Sea	. No.: 42 Samp	e No.: 17	∧/:: Pos: 40	
Sample Qty:		Pre	o. Vol.: 1.() mL	Oilution: 1	0: 1.
		Data	a: Original		Dato: 10/12/04	5:36:28 PM
the same and the same has and and the same has been been been the same has	Mean Corr.	and the second	Calib	Itean	Sample	
	Intensity	Conc.	Units	Conc	Units	
Y 360.073	65283.9		µg/L			
5c 361.384 Al 308.215	273222.3	0.875 2089.49	μg/L μg/L	2085.49	µq/L	
sb 206.833	61824.8 320.8	170.152	µg/L	170.152	µg/L	
	64025.3	26284.5	µg/L	26284.5	hid/F	
Ba 233.527	914.7	8.22374	hd/r	8.22374	µg/L	
Be 313.107 Cd 226.502	410.7 3190.9	0.159993 52.7027	μg/L μg/L	$0.159993 \\ 52.7027$	μg/L μg/L	
Ca 430.253	949081.7	79701.4	µg/L	79701.4	µg/L	
Ca 227.547	7088.6	77849.0	μg/L	77849.0	µg/L	
Cr 205.560	6040.3	178.098	µg/L	178.098	µg/L	
lo 228.616 lu 324.754	128.6 15054.4	2.79344 91.0785	μg/L μg/L	2.79344 91.0785	µg/L µg/L	
Fe 273.955	21580.0	420.117	µg/L	420.117	hd/r	
Pb 220.353	242.6	23.4304	µg/L	23.4304	µg/L	
5	331024.6		µg/L	11456.9	µg/L	
	1071412.5 470.8	1164.63 14.6261	μg/L μg/L	1164.63	µg/L	
vi 231.604 K 766.491	1166860.4	3896.62	μg/L μg/L	14.6261 3896.62	ug/L ug/L	
	100.6		µg/L	30.3838	µg/L	
	-762.1	-0.379900	µg/L	-0.379900	µg/L	
Va 330.237	10113.4	34442.3 48.0315	µg/L	34442.3	µg/L	
				48.0315	µg/L	
Fl 190.800	91.1 217 5		µg/L ug/L			
	91.1 217.5 1921.5	48.0313 4.24196 23.9251	μg/L μg/L		hd/r hd/r	
Fl 190.800 / 292.402 In 206.200 Ja 589.592	217.5 1921.5 Sat	4.24196 23.9251 urated	րց/L հց/Ր	4.24196 23.9251	ից/L ից/L	
fl 190.800 / 292.402 3n 206.200	217.5 1921.5 Sat 71.7 913.6	4.24196 23.9251 urated 7.56970 541.310	hd\r hd\r hd\r hd\r	4.24196 23.9251 7.56970 541.310	µg/L	
Fl 190.800 / 292.402 3n 206.200 Na 589.592 4o 202.030	217.5 1921.5 Sat 71.7 913.6 SD	4.24196 23.9251 urated 7.56970 541.310 542 Seq. Prep	µg/L µg/L µg/L µg/L No.: 43 Sampl . Vol.: 1.0	4.24196 23.9251 7.56970 541.310 e No.: 18	µg/L µg/L µg/L µg/L ^/S Pog: 41	.0: 1.0
<pre>rl 190.800 / 292.402 Sn 206.200 Va 589.592 fo 202.030 3 182.527 fean Data ID: 241274-012 3ample Qty:</pre>	217.5 1921.5 Sat 71.7 913.6 1.0000 mL	4.24196 23.9251 urated 7.56970 541.310 542 Seq. Prep Data	μg/L μg/L μg/L μg/L No.: 43 Sampl	4.24196 23.9251 7.56970 541.310 e No.: 18 mL	µg/L µg/L µg/L µg/L A/3 Pog: 41	.0: 1.0 5:40:35 PM
<pre>Fl 190.800 / 292.402 Sn 206.200 Va 589.592 fo 202.030 3 182.527 fean Data ID: 241274-012 3ample Qty: Slement / 360.073</pre>	217.5 1921.5 Sat 71.7 913.6 .0000 mL Mean Corr. Intensity 69699.8	4.24196 23.9251 urated 7.56970 541.310 542 Beq. Prep Data Mean Conc. 0.974	μg/L μg/L μg/L No.: 43 Sampl Vol.: 1.0 : Original Calib Units μg/L	4.24196 23.9251 7.56970 541.310 e No.: 18 mL Mean	µg/L µg/L µg/L µg/L A/S Post 41 Dilution: 1 Date: 10/12/04 Sample	.0: 1.0 5:40:35 PM
<pre>Fl 190.800 / 292.402 Sn 206.200 Ja 589.592 fo 202.030 3 182.527 fean Data ID: 241274-012 sample Qty: Slement / 360.073 ic 361.384</pre>	217.5 1921.5 Sat 71.7 913.6 SD 1.0000 mL Mean Corr. Intensity 69699.8 277310.9	4.24196 23.9251 urated 7.56970 541.310 541.310 Seq. Prep Data Mean Conc. 0.974 0.888	μg/L μg/L μg/L μg/L . vol.: 1.0 .: Original Calib Units μg/L μg/L	4.24196 23.9251 7.56970 541.310 e No.: 18 mL Mean Conc.	µg/L µg/L µg/L µg/L Dilution: 1 Date: 10/12/04 Sample Units	.0: 1.0 5:40:35 PM
<pre>Fl 190.800 / 292.402 Sn 206.200 Va 589.592 fo 202.030 3 182.527 fean Data ID: 241274-012 Sample Qty: Llement / 360.073 Sc 361.384 Vl 308.215</pre>	217.5 1921.5 Sat 71.7 913.6 SD 1.0000 mL Mean Corr. Intensity 69699.8 277310.9 22734.1	4.24196 23.9251 urated 7.56970 541.310 542 Beq. Prep Data Mean Conc. 0.974	μg/L μg/L μg/L μg/L μg/L . vol.: 1.0 .: Original Calib Units μg/L μg/L μg/L	4.24196 23.9251 7.56970 541.310 e No.: 18 mL Mean	µg/L µg/L µg/L µg/L Dilution: 1 Date: 10/12/04 Sample Units µg/L	.0: 1.0 5:40:35 PM
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<pre>rl 190.800 / 292.402 In 206.200 Va 589.592 fo 202.030 3 182.527 /ean Data [D: 241274-012] ample Qty: lement 7 360.073 fc 361.384 Vl 308.215 b 206.833 Vs 188.979 Ja 233.527 Je 313.107 Id 226.502 Ia 430.253 Ia 227.547 Ir 205.560 Io 228.616 Iu 324.754 Fe 273.955 b 220.353 Ig 279.079 Im 257.610 Ii 231.604 C 766.491 Ie 196.026 Vg 338.289</pre>	217.5 1921.5 Sat 71.7 913.6 SD 1.0000 mL Mean Corr. Intensity 69699.8 277310.9 22734.1 45.7 12163.8 -42.4 205.1 -89.4 175667.9 1240.2 1123.6 35.1 5011.4 3738.6 91.3 66740.7 203824.9 118.8 166829.9 49.8 -695.9	4.24196 23.9251 urated 7.56970 541.310	<pre>µg/L µg/L µg/L µg/L µg/L µg/L . Vol.: 1.0 : Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	4.24196 23.9251 7.56970 541.310 e No.: 18 mL Mean Conc. 369.617 8.77737 4998.46 1.06104 0.0328652 -0.0660776 14723.1 15064.5 33.7353 0.255050 16.6284 66.7556 1.86632 2221.47 221.098 2.93906 535.808 5.52302 0.610858	μg/L μg/L μg/L μg/L μg/L Δ/3 Pos: 41 Dilution: 1 Date: 10/12/04 Sample Units μg/L	.0: 1.0 5:40:35 PM
<pre>rl 190.800 / 292.402 In 206.200 Va 589.592 fo 202.030 3 182.527 fean Data UD: 241274-012 Jample Qty: lement 7 360.073 Jc 361.384 Vl 308.215 Jb 206.833 Vs 188.979 Ja 233.527 Je 313.107 Jc 226.502 Ja 430.253 Ja 227.547 Jr 205.560 Jo 228.616 Ju 324.754 Fe 273.955 Jb 220.353 Jg 279.079 fn 257.610 Ji 231.604 C 766.491 Je 196.026</pre>	217.5 1921.5 Sat 71.7 913.6 SD 1.0000 mL Mean Corr. Intensity 69699.8 277310.9 22734.1 45.7 12163.8 -42.4 205.1 -89.4 175667.9 1240.2 1123.6 35.1 5011.4 3738.6 91.3 66740.7 203824.9 118.8 166829.9 49.8	4.24196 23.9251 urated 7.56970 541.310	<pre>µg/L µg/L µg/L µg/L µg/L µg/L No.: 43 Sampl Source Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	4.24196 23.9251 7.56970 541.310 e No.: 18 mL Mean Conc. 369.617 8.77737 4998.46 1.06104 0.328652 -0.0660776 14723.1 15064.5 33.7353 0.255050 16.6284 66.7556 1.86632 2221.47 221.098 2.93906 535.808 5.52302	μg/L μg/L μg/L μg/L μg/L Δ/3 Por: 41 Dilution: 1 Date: 10/12/04 Sample Units μg/L	.0: 1.0 5:40:35 PM
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<pre>Fl 190.800 / 292.402 Sn 206.200 Va 589.592 fo 202.030 J 182.527 //ean Data ID: 241274-012 Jample Qty:</pre>	217.5 1921.5 Sat 71.7 913.6 SD 1.0000 mL Mean Corr. Intensity 69699.8 277310.9 22734.1 45.7 12163.8 -42.4 205.1 -89.4 175667.9 1240.2 1123.6 35.1 5011.4 3738.6 91.3 66740.7 203824.9 118.8 166829.9 49.8 -695.9 1662.2 -45.0 -52.2 508.4	4.24196 23.9251 urated 7.56970 541.310	<pre>µg/L µg/L µg/L µg/L µg/L µg/L No.: 43 Sampl Sampl Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	4.24196 23.9251 7.56970 541.310 e No.: 18 mL Mean Conc. 369.617 8.77737 4998.46 1.06104 0.0328652 -0.0660776 14723.1 15064.5 33.7353 0.255050 16.6284 66.7556 1.86632 2221.47 221.098 2.93906 535.808 5.52302 0.610858 6707.99 -0.242251 0.605966 5.53838	μg/L μg/L μg/L μg/L μg/L Δ/S Pog: 41 Pilution: 1 Date: 10/12/04 Sample Units μg/L	.0: 1.0 5:40:35 PM
<pre>Fl 190.800 / 292.402 Sn 206.200 Va 589.592 fo 202.030 J 182.527 //ean Data ID: 241274-012 Jample Qty:</pre>	217.5 1921.5 Sat 71.7 913.6 SD 1.0000 mL Mean Corr. Intensity 69699.8 277310.9 22734.1 45.7 12163.8 -42.4 2051 -89.4 175667.9 1240.2 1123.6 35.1 5011.4 3738.6 91.3 66740.7 203824.9 118.8 166829.9 16682.9 9 1662.2 -45.0 -52.2	4.24196 23.9251 urated 7.56970 541.310	<pre>µg/L µg/L µg/L µg/L µg/L µg/L No.: 43 Sampl Sampl Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	4.24196 23.9251 7.56970 541.310 e No.: 18 mL Mean Conc. 369.617 8.77737 4998.46 1.06104 0.0328652 -0.0660776 14723.1 15064.5 33.7353 0.255050 16.6284 66.7556 1.86632 2221.47 221.098 2.93906 535.808 5.52302 0.610858 6707.99 -0.242251 0.606966	μg/L μg/L μg/L μg/L μg/L Δ/3 Pog: 41 Dilution: 1 Date: 10/12/04 Sample Units μg/L	.0: 1.0 5:40:35 PM

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ean Data D: CCVM03AGC ample Qty:	CCV01 1.0000 g	Pr	q. No.: 44 Sample ep. Vol.: 1.0	L ·	λ/S Pos: 4 Dilution: 1.0: 1.
		Da	ta: Original		Date: 10/12/04 5:44:36 PM
	Mean Corr.	Mean Conc.	Calib	Mean	Sample
lement	Intensity	Conc.	Units	Conc.	Units
360.073	71356.0	0.998	µg/L		
c 361.384	304506.8	0.975	µg/L		
1 308.215		88.0058	μg/L		
b 206.833	17.3	-7.89643	µg/L		
s 188.979		9.82083 1.86981	µg/L µg/I		
a 233.527	65.6 546.1	0.243658	µg/L ug/L		
e 313.107 d 226.502	-55.3		μg/L μg/L		
a 430.253	10667.9	860.573	µg/L		
a 227.547		558.603	µg/L		
r 205.560	4.2	0.869988	µg/L		
0 228.616		-0.743147	µg/L		
u 324.754		292.612	µg/L		
e 273.955		24.7327	µg/L		
b 220.353		-0.720115	ug/L		
g 279.079		49.7349	µg/L		
n 257.610		1.00666	μg/L		
i 231.604		1.48207	hd/r		
766.491	12942.3	18.6363	ug/L		
e 196.026		2.68447	hd\r		
g 338.289	18466.7	286.990	hd/r		
a 330.237		910.075	ug/L		
1 190.800	699.1	271.243	µg/L		
292.402	-88.8	0.114111	µg/L		
n 206.200		4.36030	µg/L	an a	
	33172.4	219.150	µg/L		
a 589.592					
a 589.592	9190.3	998.506	µg/L		
5 202.030 182.527 ean Data): CCVM04IRC	9190.3 1766.2 CV01	1031.67 	µg/L g. No.: 45 Sample	No.: 12	A/5 Pos: 2
o 202.030 182.527 ean Data	9190.3 1766.2 CV01 1.0000 g	1031.67 Se Pr	µg/L q. No.: 45 Sample ep. Vol.: 1.0	L	A/S Pos: 2 Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM
5 202.030 182.527 ean Data): CCVM04IRC	9190.3 1766.2 CV01 1.0000 g	1031.67 	µg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original	L 	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM
5 202.030 182.527 ean Data D: CCVM04IRC ample Qty:	9190.3 1766.2 CV01 1.0000 g	1031.67 Se Pr Da 	µg/L q. No.: 45 Sample ep. Vol.: 1.0	L	Dilution: 1.0: 1.0
5 202.030 182.527 ean Data D: CCVM04IRC ample Qty:	9190.3 1766.2 	1031.67 Se Pr Da Mean Conc. 0.949	µg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
5 202.030 182.527 ean Data 5: CCVM04IRC ample Qty: 	9190.3 1766.2 	1031.67 Se Pr Da Mean Conc. 0.949	µg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
5 202.030 182.527 ean Data 5: CCVM04IRC ample Qty: lement 360.073	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity	1031.67 Se Pr Da Mean Conc.	µg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units µg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>b 202.030 182.527 ean Data D: CCVM04IRC ample Qty: Lement 360.073 c 361.384 L 308.215</pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65	µg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units µg/L µg/L µg/L µg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>> 202.030 182.527 ean Data D: CCVM04IRC ample Qty: </pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65	µg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units µg/L µg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>> 202.030 182.527 ean Data D: CCVM04IRC ample Qty: lement 360.073 = 361.384 L 308.215 > 206.833</pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6	1031.67 Se Pr Da Conc. 0.949 0.892 9164.65 595.968	µg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units µg/L µg/L µg/L µg/L µg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>> 202.030 182.527 ean Data D: CCVM04IRC ample Qty: </pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680	µg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>> 202.030 182.527 ean Data D: CCVM04IRC ample Qty: </pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180	μg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>> 202.030 182.527 ean Data D: CCVM04IRC ample Qty: lement 360.073 2 361.384 L 308.215 D 206.833 5 188.979 a 233.527 e 313.107 d 226.502 a 430.253</pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2 280189.5	1031.67 Se Pr Da Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4	µg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>> 202.030 182.527 ean Data D: CCVM04IRC ample Qty: </pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2 280189.5 2000.3	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4 23224.0	μg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>> 202.030 182.527 ean Data D: CCVM04IRC ample Qty: lement 360.073 z 361.384 L 308.215 D 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 c 205.560</pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2 280189.5 2000.3 34479.4	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4 23224.0 1013.10	μg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>> 202.030 182.527 ean Data D: CCVM04IRC ample Qty: lement 360.073 z 361.384 L 308.215 D 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 c 205.560 D 228.616</pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2 280189.5 2000.3 34479.4 87989.7	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4 23224.0 1013.10 2386.70	μg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>b 202.030 182.527 ean Data D: CCVM04IRC ample Qty: lement 360.073 z 361.384 L 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 c 205.560 b 228.616 n 324.754</pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2 280189.5 2000.3 34479:4 87989.7 160949.0	1031.67 Se Pr Da Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4 23224.0 1013.10 2386.70 1172.52	μg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>b 202.030 182.527 ean Data D: CCVM04IRC ample Qty: lement 360.073 c 361.384 L 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 c 205.560 b 228.616 1 324.754 e 273.955</pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2 280189.5 2000.3 34479.4 87989.7 160949.0 237956.4	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4 23224.0 1013.10 2386.70 1172.52 4705.60	μg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>> 202.030 182.527 ean Data D: CCVM04IRC ample Qty: </pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2 280189.5 2000.3 34479.4 87989.7 160949.0 237956.4 103.7	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4 23224.0 1013.10 2386.70 1172.52 4705.60 4.10218	μg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units μg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
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<pre>> 202.030 182.527 ean Data D: CCVM04IRC ample Qty: </pre>	9190.3 1766.2 	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4 23224.0 1013.10 2386.70 1172.52 4705.60 4.10218 24061.4 2453.89	μg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units μg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>> 202.030 182.527 ean Data D: CCVM04IRC ample Qty: </pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2 280189.5 2000.3 34479.4 87989.7 160949.0 237956.4 103.7 691721.8 2256900.7 73055.8	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4 23224.0 1013.10 2386.70 1172.52 4705.60 4.10218 24061.4 2453.89 2424.76	μg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units μg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>> 202.030 182.527 ean Data D: CCVM04IRC ample Qty: </pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2 280189.5 2000.3 34479.4 87989.7 160949.0 237956.4 103.7 691721.8 2256900.7 73055.8 9140576.5	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4 23224.0 1013.10 2386.70 1172.52 4705.60 4.10218 24061.4 2453.89 2424.76 30694.0	<pre>µg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
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<pre>> 202.030 182.527 ean Data D: CCVM04IRC ample Qty: >> 361.384 1 308.215 > 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 c 205.560 p 228.616 1 324.754 e 273.955 p 220.353 g 279.079 1 257.610 t 231.604 766.491 e 196.026 g 338.289 a 330.237</pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2 280189.5 2000.3 34479:4 87989.7 160949.0 237956.4 103.7 691721.8 2256900.7 73055.8 9140576.5 52.6 44925.9 7081.8	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4 23224.0 1013.10 2386.70 1172.52 4705.60 4.10218 24061.4 2453.89 2424.76 30694.0 7.19169 682.418 24493.7	μg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units μg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>b 202.030 182.527 ean Data D: CCVM04IRC ample Qty: </pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2 280189.5 2000.3 34479.4 87989.7 160949.0 237956.4 103.7 691721.8 2256900.7 73055.8 9140576.5 52.6 44925.9 7081.8 -44.9	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4 23224.0 1013.10 2386.70 1172.52 4705.60 4.10218 24061.4 2453.89 2424.76 30694.0 7.19169 682.418 24493.7 -5.55182	μg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units μg/L	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>b 202.030 182.527 ean Data D: CCVM04IRC ample Qty: lement 360.073 c 361.384 L 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 c 205.560 b 228.616 1 324.754 e 273.955 b 220.353 g 279.079 h 257.610 L 231.604 766.491 e 196.026 g 338.289 a 330.237 L 190.800 292.402</pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2 280189.5 2000.3 34479.4 87989.7 160949.0 237956.4 103.7 691721.8 2256900.7 73055.8 9140576.5 52.6 44925.9 7081.8 -44.9 172585.7	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4 23224.0 1013.10 2386.70 1172.52 4705.60 4.10218 24061.4 2453.89 2424.76 30694.0 7.19169 682.418 24493.7 -5.55182 2327.64	<pre>µg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>b 202.030 182.527 ean Data D: CCVM04IRC ample Qty: </pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2 280189.5 2000.3 34479.4 87989.7 160949.0 237956.4 103.7 691721.8 2256900.7 73055.8 9140576.5 52.6 44925.9 7081.8 -44.9 172585.7 183119.0	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4 23224.0 1013.10 2386.70 1172.52 4705.60 4.10218 24061.4 2453.89 2424.76 30694.0 7.19169 682.418 24493.7 -5.55182 2327.64 2422.60	<pre>µg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
<pre>b 202.030 182.527 ean Data D: CCVM04IRC ample Qty: </pre>	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2 280189.5 2000.3 34479.4 87989.7 160949.0 237956.4 103.7 691721.8 2256900.7 73055.8 9140576.5 52.6 44925.9 7081.8 -44.9 172585.7 183119.0 14762724.7	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4 23224.0 1013.10 2386.70 1172.52 4705.60 4.10218 24061.4 2453.89 2424.76 30694.0 7.19169 682.418 24493.7 -5.55182 2327.64 2422.60 31704.4	<pre>µg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample
202.030 182.527 ean Data CCVM04IRC umple Qty: 	9190.3 1766.2 CV01 1.0000 g Mean Corr. Intensity 67893.3 278558.1 222622.4 1046.6 -8.3 1361744.7 387112.1 -29.2 280189.5 2000.3 34479.4 87989.7 160949.0 237956.4 103.7 691721.8 2256900.7 73055.8 9140576.5 52.6 44925.9 7081.8 -44.9 172585.7 183119.0	1031.67 Se Pr Da Mean Conc. 0.949 0.892 9164.65 595.968 2.36680 10191.7 239.197 0.213180 23504.4 23224.0 1013.10 2386.70 1172.52 4705.60 4.10218 24061.4 2453.89 2424.76 30694.0 7.19169 682.418 24493.7 -5.55182 2327.64 2422.60	<pre>µg/L q. No.: 45 Sample ep. Vol.: 1.0 ta: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	L Mean	Dilution: 1.0: 1.0 Date: 10/12/04 5:48:59 PM Sample

182.527 -16.2 6.56706 µg/L tean Data	0 1 0
Date: Criginal Date: 10/12/04 Kesn Corr. Hean Calib Mean Sample 260.073 69349.4 0.970 µ/L Conc. Units Conc. Cont. Conc. Cont.	0 1 0
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Mean Callb Hean Gample 360.073 69349.4 0.370 $\mu g/L$ Conc. Units Conc. Units 1 362.151 15243.4 40.0568 $\mu g/L$ Conc. Units 2 62.315 15243.4 40.0568 $\mu g/L$ Conc. Conc. 2 62.523 1010.1 574.524 $\mu g/L$ Conc. Continue 2 188.979 2 579.2 1064.54 $\mu g/L$ 23.3.107 406.4 0.163400 $\mu g/L$ 2 33.107 406.7 535.934 $\mu g/L$ 24.754 252.650 7.5 0.957644 $\mu g/L$ 252.650 7.5 0.957644 $\mu g/L$ 252.633 7027.2 956.667 $\mu g/L$ 27.355 327.4 11.0789 $\mu g/L$ 26.667 $\mu g/L$ 27.4 21.072 95.667 $\mu g/L$ 27.4 25.667 $\mu g/L$ 27.4 27.4 27.4 27.4 27.4 27.4 27.4 27.4 27.4 27.4 27.4 27.4	5:53:15 PM
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ean Data							
D: 241274-012X		31	Seq. No.: 4	18 Sa	ample No.: 19	N/0 Nos: 42	
ample Qty:	1.0000 mL	~ ^ ^	Prep. Vol.:		1.0 mL		1.0: 1
		10/12/all	Prep. Vol.: Data: Origi	nal		D.D.M. 10/12/04	6:01:12 PM
70	C NS C	1.5101					
	Mean Corr.	Mean		Calib	Mean	Sample	a de la cara br>La cara de la
Lement	Intensity	Conc		Units	Conc.	Units	
360.073	70785.2	0.990		µg/L			
: 361.384	299008.4	0.958		µg/L			
L 308.215	28520.2	624.188		µg/L	624.188	µg/L	
206.833	58.2	16.0912		µg/L	16.0912	hq/L	
188.979	20617.2	8468.05		ug/L	8468.05	μg/L	
233.527	90.0	2.05220		µg/L	2.05220	µg/L	
313.107	222.1	0.0433750		µg/L	0.0433750	pg/L	
1 226.502	-78.2	0.111927		µg/L	0.111927	µg/L	
430.253	298943.4	25080.0		µg/L	25080.0	hid/T	
227.547	2186.1	25218.4		µg/L	25218.4	µg/L	
205.560	1933:7	57.5213		µq/L	57.5213	µg/L	
228.616	54.6	0.786648		µg/L	0.786648	hd\T hd\T	
324.754	6551.4	28.0452		μg/L	28.0452		
273.955	6713.3	125.672		µg/L	125.672	µg/L	
						µg/L	
220.353	85.1	1.13423		µg/L	1.13423	lig/L	
279.079	112511.3	3820.92		μġ/L μg/Γ	, 3820.92	hd/T	·
257.610	353816.7			µg/L	384.220	µg/L	
231.604	173.5	4.75585		µg/L	4.75585	µg/L	
766.491	303318.6	994.507		µg/L	994.507	hd\r	
196.026	58.0	9.54081		µg/L	9.54081	hd\r	
338.289	-706.8	0.447353		µg/L	0.447353	hd\r	
330.237	2976.2	11020.3		μg/L	11020.3	hd\T	
190.800	-44.9	-0.409828		µg/L	-0.409828	ן אַנן L	
292.402	-32.6	0.871266		µg/L	0.871266	µg/L	
206.200	692.6	7.92150		µg/L	7.92150	µg/L	
	5265365.2	11403.2		µg/L	11403.2	µg/L	
589.592	JZ0JJ0J.Z						
	20.4	1.99729		µg/L	1.99729	µg/L	
589.592 202.030 182.527 an Data : 241274-012X mple Qty:	20.4 271.0 MD	1.99729 171.760 <u>3X</u>	Prep. Vol.:	μg/L μg/L 9 Sa	171.760 mple No.: 20	µg/L A/S Post 43 Dilution:	1.0: 1
202.030 182.527 an Data : 241274-012X	20.4 271.0 MD	1.99729 171.760 3X CH/40	Geq. No.: 4 Prep. Vol.: Data: Origin	μg/L μg/L 9 Sa	171.760 mple No.: 20	µg/L A/3 Pos: 43	1.0: 1 6:05:25 PM
202.030 182.527 an Data : 241274-012X mple Qty:	20.4 271.0 MD 1.0000 mL Mean Corr.	1.99729 171.760 <u>3X</u> <u>C⁴/Jod</u> Mean	Prep. Vol.: Data: Origin	µg/L µg/L 9 Sa nal Calib	171.760 mple No.: 20 1.0 mL Mean	µg/L A/S Post 43 Dilution: Date: 10/12/04 Sample	
202.030 182.527 an Data : 241274-012X mple Qty: 	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity	1.99729 171.760 3X <u>C⁴/40</u> Mean Conc	Prep. Vol.: Data: Origin	µg/L µg/L 9 Sa nal Calib Units	171.760 mple No.: 20 1.0 mL	µg/L A/3 Pos: 43 Dilution: Date: 10/12/04	
202.030 182.527 an Data : 241274-012X mple Qty: 	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5	1.99729 171.760 3X <u>C'1/1/1/20</u> Mean Conc 0.982	Prep. Vol.: Data: Origin	μg/L μg/L 9 Sa nal Calib Units μg/L	171.760 mple No.: 20 1.0 mL Mean	µg/L A/S Post 43 Dilution: Date: 10/12/04 Sample	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6	1.99729 171.760 3X C¹⁴/40 Mean Conc 0.982 0.945	Prep. Vol.: Data: Origin	μg/L μg/L 9 Sa nal Calib Units μg/L μg/L	171.760 mple No.: 20 1.0 mL Mean	µg/L A/S Post 43 Dilution: Date: 10/12/04 Sample	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1	1.99729 171.760 3X C''/JJJ Mean Conc 0.982 0.945 630.168	Prep. Vol.: Data: Origin	μg/L μg/L 9 Sa nal Calib Units μg/L μg/L μg/L	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168	µg/L A/3 Pos: 43 Dilution: Date: 10/12/04 Sample Units µg/L	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4	1.99729 171.760 3X C4/44 Mean Conc 0.982 0.945 630.168 11.5117	Prep. Vol.: Data: Origin	μg/L μg/L 9 Sa nal Calib Units μg/L μg/L	171.760 mple No.: 20 1.0 mL Mean Conc.	µg/L A/S Pos: 43 Dilution: Date: 10/12/04 Sample Units	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9	1.99729 171.760 3X CH/40 Mean Conc 0.982 0.945 630.168 11.5117 8466.73	Prep. Vol.: Data: Origin	μg/L μg/L 9 Sa nal Calib Units μg/L μg/L μg/L μg/L μg/L	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73	µg/L A/3 Pos: 43 Dilution: Date: 10/12/04 Sample Units µg/L	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4	1.99729 171.760 3X C4/44 Mean Conc 0.982 0.945 630.168 11.5117	Prep. Vol.: Data: Origin	μg/L μg/L 9 Sa nal Calib Units μg/L μg/L μg/L μg/L	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117	µg/L A/3 Pos: 43 Dilution: Date: 10/12/04 Sample Units µg/L µg/L	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9	1.99729 171.760 3X CH/40 Mean Conc 0.982 0.945 630.168 11.5117 8466.73	Prep. Vol.: Data: Origin	μg/L μg/L 9 Sa nal Calib Units μg/L μg/L μg/L μg/L μg/L	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73	µg/L A/3 Pos: 43 Dilution: Date: 10/12/04 Sample Units µg/L µg/L µg/L	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 .56.8	1.99729 171.760 3X C ⁴ /40 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336	Prep. Vol.: Data: Origin	<pre>µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336	μg/L A/3 Pos: 43 Dilution: Date: 10/12/04 Sample Units μg/L μg/L μg/L μg/L μg/L	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 56.8 223.9	1.99729 171.760 3X C ⁴ /40 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128	Prep. Vol.: Data: Origin	μg/L μg/L 9 Sa nal Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128	μg/L A/3 Pos: 43 Dilution: Date: 10/12/04 Sample Units μg/L μg/L μg/L μg/L μg/L	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 56.8 223.9 -71.2	1.99729 171.760 3X C ¹¹ /50 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0	μg/L A/3 Post: 43 Dilution: Date: 10/12/04 Sample Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 56.8 223.9 -71.2 299688.9 2206.0 1944.7	1.99729 171.760 3X C4/44 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453	Prep. Vol.: Data: Origin	<pre>µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7	μg/L A/3 Post 43 Dilution: Date: 10/12/04 Sample Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
202.030 182.527 an Data 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 56.8 223.9 -71.2 299688.9 2206.0	1.99729 171.760 3X C ¹¹ /50 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0	μg/L A/3 Post 43 Dilution: Date: 10/12/04 Sample Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
202.030 182.527 an Data 241274-012X mple Qty: ement 860.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 56.8 223.9 -71.2 299688.9 2206.0 1944.7	1.99729 171.760 3X C4/44 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453	μg/L A/3 Post 43 Dilution: Date: 10/12/04 Sample Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
202.030 182.527 an Data 241274-012X mple Qty: ement 260.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 56.8 223.9 -71.2 29968.9 2206.0 1944.7 39.8	1.99729 171.760 3X C1/50 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805	Prep. Vol.: Data: Origin	<pre>µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805	µg/L A/: Pos: 43 Dilution: Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
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202.030 182.527 an Data 241274-012X mple Qty: ement 60.073 361.384 308.215 206.833 188.979 233.527 313.107 226.523 327.547 205.560 228.616 324.754 273.955 220.353	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 56.8 223.9 -71.2 299688.9 2206.0 1944.7 39.8 6539.7 6931.5 89.3	1.99729 171.760 3X C1/50 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.24565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993	μg/L A/3 Pos: 43 Dilation: Date: 10/12/04 Sample Units μg/L	
202.030 182.527 an Data 241274-012X mple Qty: ement 60.073 361.384 308.215 206.833 188.979 233.527 313.107 226.523 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 .56.8 223.9 -71.2 299688.9 22060 1944.7 39.8 6539.7 6931.5 89.3 112164.4	1.99729 171.760 3X C1/50 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409	μg/L A/3 Pos: 43 Dilution: Date: 10/12/04 Sample Units μg/L	
202.030 182.527 an Data 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.522 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 56.8 223.9 -71.2 299688.9 2206.0 1944.7 39.8 6539.7 6931.5 89.3 112164.4 353678.5	1.99729 171.760 3X C1/44 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.24565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070	μg/L A/3 Pos: 43 Dilution: Date: 10/12/04 Sample Units μg/L	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.522 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 56.8 223.9 -71.2 299688.9 2206.0 1944.7 39.8 6539.7 6931.5 89.3 112164.4 353678.5 165.9	1.99729 171.760 3X CH/40 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082	μg/L A/3 Pos: 43 Dilution: Date: 10/12/04 Sample Units ug/L μg/L	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 .56.8 223.9 .71.2 299688.9 2206.0 1944.7 39.8 6539.7 6931.5 89.3 112164.4 353678.5 165.9 303899.8	1.99729 171.760 3X CH/40 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460	μg/L A/B Pos: 43 Dilution: Date: 10/12/04 Sample Units ug/L μg/L	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 .56.8 223.9 .71.2 299688.9 2206.0 1944.7 39.8 6539.7 6931.5 89.3 112164.4 353678.5 165.9 303899.8 58.7	1.99729 171.760 3X C1/50 C3X Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190	μg/L A/3 Post 43 Dilution: Date: 10/12/04 Sample Units ug/L μg/L	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026 338.289	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 .56.8 223.9 -71.2 299688.9 2206.0 1944.7 39.8 6539.7 6931.5 89.3 112164.4 353678.5 165.9 303899.8 58.7 -722.9	1.99729 171.760 3X C1/50 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190 0.206652	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190 0.206652	μg/L A/3 Post 43 Dilution: Date: 10/12/04 Sample Units ug/L μg/L	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026 338.289 330.237	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 .56.8 223.9 -71.2 299688.9 2206.0 1944.7 39.8 6539.7 6931.5 89.3 112164.4 353678.5 165.9 303899.8 58.7 -722.9 2994.2	1.99729 171.760 3X C1/50 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190 0.206652 11079.2	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190 0.206652 11079.2	<pre>µg/L A/: Pos: 43 Dilution: Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026 338.289 330.237 190.800	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 -71.2 29968.9 2206.0 1944.7 39.8 6539.7 6931.5 89.3 112164.4 353678.5 165.9 303899.8 58.7 -722.9 2994.2 -49.3	1.99729 171.760 3X C1/5/0 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190 0.206652 11079.2 -2.00958	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190 0.206652 11079.2 -2.00058	<pre>µg/L A/: Pos: 43 Dilution: Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026 338.289 330.237 190.800 292.402	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 -71.2 29968.9 2206.0 1944.7 39.8 6539.7 6931.5 89.3 112164.4 353678.5 165.9 303899.3 112164.4 353678.5 165.9 3038994.2 -49.3 -21.0	1.99729 171.760 3X C1/50 Kean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.24565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190 0.206652 11079.2 -2.00958 1.02748	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190 0.206652 11079.2 -2.00258 1.02748	<pre>µg/L A/: Pos: 43 Dilution: Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026 338.289 330.237 190.800 292.402 206.200	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 .56.8 223.9 -71.2 299688 223.9 -71.2 29968.9 2206.0 1944.7 39.8 6539.7 6931.5 89.3 112164.4 353678.5 165.9 303899.8 58.7 -722.9 2994.2 -49.3 -21.0 691.6	1.99729 171.760 3X C1/50 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.24565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190 0.206652 11079.2 -2.00958 1.02748 7.90917	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190 0.206652 11079.2 -2.00058 1.02748 7.30317	μg/L A/3 Pos: 43 Dilution: Date: 10/12/04 Sample Units ug/L μg/L	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026 338.289 330.237 190.800 292.402 206.200 589.592	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 .56.8 223.9 -71.2 299688.9 2206.0 1944.7 39.8 6539.7 6931.5 89.3 112164.4 353678.5 165.9 303899.8 58.7 -722.9 2994.2 -49.3 -21.0 691.6 5328171.6	1.99729 171.760 3X C1/50 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190 0.206652 11079.2 2.00958 1.02748 7.90917 11537.5	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190 0.206652 11079.2 -2.00058 1.02748 7.30317 11537.5	μg/L A/3 Pos: 43 Dilation: Date: 10/12/04 Sample Units ug/L μg/L	
202.030 182.527 an Data : 241274-012X mple Qty: ement 360.073	20.4 271.0 MD 1.0000 mL Mean Corr. Intensity 70208.5 294999.6 28656.1 50.4 20613.9 .56.8 223.9 -71.2 299688 223.9 -71.2 29968.9 2206.0 1944.7 39.8 6539.7 6931.5 89.3 112164.4 353678.5 165.9 303899.8 58.7 -722.9 2994.2 -49.3 -21.0 691.6	1.99729 171.760 3X C1/50 Mean Conc 0.982 0.945 630.168 11.5117 8466.73 1.80336 0.0445128 0.24565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190 0.206652 11079.2 -2.00958 1.02748 7.90917	Prep. Vol.: Data: Origin	<pre>µg/L µg/L µg/L 9 Sa nal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	171.760 mple No.: 20 1.0 mL Mean Conc. 630.168 11.5117 8466.73 1.80336 0.0445128 0.224565 25142.7 25432.0 57.8453 0.384805 27.9588 129.993 1.70409 3808.80 384.070 4.50082 996.460 9.82190 0.206652 11079.2 -2.00058 1.02748 7.30317	μg/L A/3 Pos: 43 Dilution: Date: 10/12/04 Sample Units units ug/L	

ethod: CLP		3X	Page		Date: 10/12/04 6:18:52 1
D: 241274-012X ample Qty:			Seq. No.: 50 Prep. Vol.:	1.0 mL	A/3 Pos: 44 Dilution: 1.0:
			Data: Original		Date: 10/12/04 6:09:38 1
	Mean Corr.	Mear	Cal	ib Mean	Sample
Lement	Intensity	Conc			Units
360.073	69957.5	0.978			
c 361.384	295363.6	0.946			/-
1 308.215	28968.0	643.891			µg/L
5 206.833	124.5	54.9914			μg/L μg/L
188.979	20850.4	8563.79		· · · · · · · · · · · · · · · · · · ·	µg/L
a 233.527 a 313.107	164.9 235.0	0.0513595		the second se	hd/T
£ 226.502	992.5	17.3382			µg/L
430.253	300183.3	25184.2			µg/L
227.547	2210.6	25482.4			JIG/L
205.560	1963.2	58.3892			µg/L
228.616	61.7	0.977020		L 0.977020	µg/L
324.754	6574.8	28.2195	μg/J	L 28.2195	µg/L
273.955	7089.2	133.117			µg/L
220.353	137.9	8.40343			µg/L
279.079	112717.9	3828.14			μg/L
257.610	355588.6	386.147			µg/L
231.604	173.7	4.76060			µg/L
766.491	303920.6	996.530			µg/L Ng/L
196.026	65.5	12.9314 0.177630			μg/L μg/L
338.289	-724.8 3012.4	11139.2			hd/P
100.237	-0.6	15.7286			µg/L
. 190.800 292.402	-0.8	1.33287	· · · · ·		μg/L
206.200	758.7	8.79631		the second s	μg/L
589.592	5360746.6	11607.1			µq/L -
202.030	16.5	1.57660			µg/L
	277.3	175.376	µg/I	L 175.376	hd/T
ean Data): 241274-012X	SD	31	Seq. No.: 51 Prep. Vol.:	Sample No.: 22 1.0 mL	Dilution: 1.0:
ean Data): 241274-012X	SD 1.0000 mL	3X 5X	Seq. No.: 51 Prep. Vol.: Data: Original	1.0 mL	Dilution: 1.0: Date: 10/12/04 6:13:46 E
182.527 ean Data): 241274-012X umple Qty:	SD 1.0000 mL Mean Corr.	3X 5X ^{Mean}	Seq. No.: 51 Prep. Vol.: Data: Original Cali	1.0 mL ib Mean	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample
ean Data): 241274-012X ample Qty: 	SD 1.0000 mL Mean Corr. Intensity	3X 5X Mean Conc	Seq. No.: 51 Prep. Vol.: Data: Original Cali . Unit	1.0 mL ib Mean s Conc.	Dilution: 1.0: Date: 10/12/04 6:13:46 E
ean Data 0: 241274-012X ample Qty: .ement 360.073	SD 1.0000 mL Mean Corr. Intensity 70202.4	3X 5X Mean Conc 0.982	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I	1.0 mL ib Mean s Conc.	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample
ean Data 2: 241274-012X umple Qty: 	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8	3X 5X Conc 0.982 0.907	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I µg/I	1.0 mL b Mean s Conc.	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units
ean Data 2: 241274-012X imple Qty: .ement 360.073 2: 361.384 .308.215	SD 1.0000 mL Mean Corr. Intensity 70202.4	3X 5X Mean Conc 0.982	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I µg/I µg/I µg/I	1.0 mL ib Mean s Conc. 117.921	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample
ean Data 2: 241274-012X mple Qty: .ement 360.073 2: 361.384 308.215 206.833	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3	3X 5X Mean Conc 0.982 0.907 117.921	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I µg/I µg/I µg/I µg/I µg/I	1.0 mL b Mean s Conc. 117.921 3.11160 1601.33	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L µg/L µg/L µg/L
an Data 2 241274-012X mple Qty: 	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4	3X 5X Mean Conc 0.982 0.907 117.921 3.11160 1601.33 0.485099	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I µg/I µg/I µg/I µg/I µg/I µg/I µg/I	1.0 mL ib Mean s Conc. 117.921 3.11160 1601.33 0.485099	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L µg/L µg/L µg/L µg/L
ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6	3X 5X Mean Conc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505	Seq. No.: 51 Prep. Vol.: Data: Original Cali . Unit µg/I µg/I µg/I µg/I µg/I µg/I µg/I µg/I	1.0 mL b Mean conc. 117.921 3.11160 1601.33 0.485099 0.0177505	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L µg/L µg/L µg/L µg/L µg/L
ean Data 2: 241274-012X mple Qty: 	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9	3X 5X Mean Conc 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I µg/I µg/I µg/I µg/I µg/I µg/I µg/I	1.0 mL b Mean conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L
ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1	3X 5X Mean Conc 0.982 0.907 117.921 3.1160 1601.33 0.485099 0.0177505 0.231601 5315.40	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I µg/I µg/I µg/I µg/I µg/I µg/I µg/I	1.0 mL b Mean conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
ean Data 2: 241274-012X mple Qty: .ement 360.073 361.384 308.215 206.833 188.979 233.527 2313.107 226.502 430.253 227.547	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7	3X 5X Mean Conc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I µg/I µg/I µg/I µg/I µg/I µg/I µg/I	1.0 mL b Mean s Conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
an Data 2: 241274-012X mple Qty: 	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 3600 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0	3X 5X Mean Conc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I µg/I µg/I µg/I µg/I µg/I µg/I µg/I	1.0 mL Mean S Conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
ean Data 2: 241274-012X mple Qty: 	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2	3X 5X Mean Conc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I µg/I µg/I µg/I µg/I µg/I µg/I µg/I	1.0 mL b Mean cs Conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
ean Data 2: 241274-012X mple Qty: 	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3	3 5 Mean Conc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I µg/I µg/I µg/I µg/I µg/I µg/I µg/I	1.0 mL b Mean cs Conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
ean Data 2: 241274-012X imple Qty: 	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3 1449.9	3X 5X Mean Conc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I µg/I µg/I µg/I µg/I µg/I µg/I µg/I	1.0 mL b Mean cs Conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
ean Data 2: 241274-012X imple Qty: .ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 1226.502 430.253 1227.547 205.560 0228.616 324.754 273.955 220.353	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3	3X 5X Mean 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I µg/I µg/I µg/I µg/I µg/I µg/I µg/I	1.0 mL b Mean c Conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/
<pre>ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 7279.079</pre>	SD 1.0000 mL Mean Corr. Intensity 7002.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3 1449.9 83.8	3X 5X Mean Conc 0.987 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I µg/I µg/I µg/I µg/I µg/I µg/I µg/I	1.0 mL Mean Conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/
<pre>ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 7279.079 257.610</pre>	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3 1449.9 83.8 24628.7	3X 5X Mean Conc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I	1.0 mL Mean Conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/
an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3 1449.9 83.8 24628.7 70578.3 61.1 53935.7	3X 5X Mean Conc 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176605 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I	1.0 mL Mean Conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L
an Data : 241274-012X mple Qty: 	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3 1449.9 83.8 24628.7 70578.3 61.1 53935.7 45.8	3X 5X Mean Conc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176605 5.77545 21.46983 0.176605 5.77545 21.4988 1.02221 156.403 3.42640	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I	1.0 mL Mean Conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L
<pre>ement . 241274-012X mple Qty:</pre>	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3 1449.9 83.8 24628.7 70578.3 61.1 53935.7 45.8 -742.4	3X Mean Conc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176605 5.77545 21.46983 0.176605 5.77545 21.4988 1.02221 156.403 3.42640 -0.0850613	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I	1.0 mL b Mean conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L
an Data : 241274-012X mple Qty: 	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3 1449.9 83.8 24628.7 70578.3 61.1 53935.7 45.8 -742.4 459.0	3 Mean Conc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613 2759.73	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I	1.0 mL b Mean conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613 2759.73	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L
an Data : 241274-012X mple Qty: 	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3 1449.9 83.8 24628.7 70578.3 61.1 53935.7 45.8 -742.4 459.0 -47.3	3 Mean Conc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613 2759.73 -0.860519	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I	1.0 mL b Mean conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613 2759.73 -0.860519	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L
ement 360.073 361.384 308.215 206.833 388.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 3279.079 1257.610 231.604 766.491 196.026 338.289 330.237 190.800 292.402	SD 1.0000 mL Mean Corr. Intensity 70202.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3 1449.9 83.8 24628.7 70578.3 61.1 53935.7 45.8 -742.4 459.0 -47.3 -93.7	3X Mean Consc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613 2759.73 -0.860519 0.0473774	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I	1.0 mL b Mean conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613 2759.73 -0.860519 0.0473774	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L
ean Data 2: 241274-012X ample Qty: 	SD 1.0000 mL Mean Corr. Intensity 702024 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3 1449.9 83.8 24628.7 70578.3 61.1 53935.7 45.8 -742.4 459.0 -47.3 -93.7 350.8	3X Mean Consc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.683 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613 2759.73 -0.860519 0.0473774 3.50349	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/J µg/J µg/I	1.0 mL Mean Conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613 2759.73 -0.860519 0.0473774 3.50349	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L
ean Data 2: 241274-012X imple Qty: .ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 1227.547 205.560 0228.616 1324.754 273.955 220.353 3279.079 1257.610 231.604 766.491 196.026 338.289 130.237 190.800 292.402 1206.200 589.592	SD 1.0000 mL Mean Corr. Intensity 7002.4 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3 1449.9 83.8 24628.7 70578.3 61.1 53935.7 45.8 -742.4 459.0 -47.3 -93.7 350.8 855944.4	3X Mean Consc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613 2759.73 -0.860519 0.0473774 3.50349 1977.87	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit µg/I	1.0 mL Mean Conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 4.0850613 2759.73 -0.860519 0.0473774 3.50349 1977.87	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L
an Data : 241274-012X mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026 338.289 330.237 190.800 292.402 206.200 589.592 202.030	SD 1.0000 mL Mean Corr. Intensity 702024 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3 1449.9 83.8 24628.7 70578.3 61.1 53935.7 45.8 -742.4 459.0 -47.3 -93.7 350.8	3X Mean Consc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.683 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613 2759.73 -0.860519 0.0473774 3.50349	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit ug/I	1.0 mL b Mean Conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613 2759.73 0.26519 0.0473774 3.50349 1977.87 0.592621	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L
an Data : 241274-012X mple Qty: 	SD 1.0000 mL Mean Corr. Intensity 70202 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3 1449.9 83.8 24628.7 70578.3 61.1 53935.7 45.8 -742.4 459.0 -47.3 -93.7 350.8 855944.4 7.5	3 Mean Conc 0.987 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613 2759.73 -0.860519 0.0473774 3.50349 1977.87 0.592621	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit ug/I	1.0 mL b Mean Conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613 2759.73 0.26519 0.0473774 3.50349 1977.87 0.592621	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L
ean Data 2: 241274-012X imple Qty: .ement 360.073 : 361.384 308.215 206.833 188.979 233.527 : 313.107 226.502 : 430.253 : 227.547 : 205.560 0 228.616 : 324.754 : 273.955 : 220.353 ; 279.079 : 257.610 : 231.604 766.491 : 196.026 ; 338.289 : 330.237 : 190.800 292.402 : 206.200	SD 1.0000 mL Mean Corr. Intensity 70202 283147.8 17013.3 36.0 3887.1 -119.4 180.6 -70.9 63692.1 339.7 373.0 32.2 3547.3 1449.9 83.8 24628.7 70578.3 61.1 53935.7 45.8 -742.4 459.0 -47.3 -93.7 350.8 855944.4 7.5	3 Mean Conc 0.982 0.907 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176605 5.77545 21.46983 0.176605 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613 2759.73 -0.860519 0.0473774 3.50345 1977.87 0.592621 37.3393	Seq. No.: 51 Prep. Vol.: Data: Original Cali Unit ug/I	1.0 mL Mean Conc. 117.921 3.11160 1601.33 0.485099 0.0177505 0.231601 5315.40 5396.66 11.6983 0.176600 5.77545 21.4262 0.729156 749.858 76.1888 1.02221 156.403 3.42640 -0.0850613 2759.73 -0.860519 0.0473774 3.50349 1977.87 0.592621 37.3393	Dilution: 1.0: Date: 10/12/04 6:13:46 F Sample Units µg/L

Method: CLP Sample Qty:	1.0000 mT.	Prei	Page :		Date: 10/12/04 6:27:19 PM Dilution: 1.0: 1.
Sampre Vcy.	1.0000 All		a: Original		Date: 10/12/04 6:18:06 PM
	Mean Corr.	Mean	Calil		Sample
	Intensity 70611.6	Conc. 0.987	Unit: µg/L	s Conc.	Units
Y 360.073 Sc 361.384	282817.0	0.906	μg/L		
Al 308.215	29667.7	674.808	hd/r	674.808	µg/L
Sb 206.833	56.3 2002.8	14.9954	μg/L	14.9954	μg/L
As 188.979	2002.8	827.991	µg/L	827.991 12.6697	µg/L ng/T
Ba 233.527 Be 313.107	1508.8 156.9	12.6697 0.0030576	μg/L μg/L		µg∕L µg∕L
Cd 226.502		0.0389864	µg/L	0.0389864	µg/L
Ca 430.253	680078.5	57101.1	µg/L	57101.1	μg/L
Ca 227.547	5015.1	55589.5	µg/L	55589.5	μg/L
Cr 205.560 Co 228.616	16580.7 56.1	487.575 0.825983	μg/L μg/L	487.575 0.825983	jìg∕L jìq∕L
Cu 324.754		2.30300	μg/L	2.30300	$\mu q/L$
Fe 273.955	41419.5		µg/L	813.053	hā\r
Pb 220.353	98.9	3.34581	μg/L	3.34581	μg/L
Mg 279.079	250867.7 67915.3	8655.79 73.0944	µg/L µg/L	8655.79 73.0944	µg/L µg/L
Mn 257.610 Ni 231.604	70.0	1.31865	μα/L	1.31865	μg/L
к 766.491	1222635.9	4084.07	hđ\T	4084.07	µg/L
Se 196.026	68.3	15.3309	րեն լեն	15.3309	hd\T
Ag 338.289		0.664192	µg/L	0.664192	h h h h h h h h h h h h h h h h h h h
Na 330.237 Fl 190.800	5210,4 -49.1	18352.3 -1.48633	μg/L μg/L	18352.3 -1.48633	µg∕L µg∕L
√ 292.402	-164.0	-0.900356	µg/L	-0.900356	µg/L
	320.4	2.82395	µg/L	2.82395	hā\r
Na 589.592	10190844.8	21931.7	µg/L		$\mu g/L$
10 202.030	15.6 481.2	1.47136 292.636	μg/L μg/L	1.47136 292.636	µg∕L µg∕L
B 182.527		1 - 1 - 1		and the second	
4 C C C C C C C C C C C C C C C C C C C					
Mean Data				Sample No.: 24	A/S Pos: 47
Mean Data ID: 241274-014 Sample Qty:		Seq Prer	No.: 53 S . Vol.:	Sample No.: 24 1.0 mL	A/S Pos: 47 Dilution: 1.0: 1.
ID: 241274-014		Seq Prer	No.: 53 S	Sample No.: 24 1.0 mL	A/S Pos: 47
ID: 241274-014 Sample Qty:	1.0000 mL Mean Corr.	Seq Prep Data Mean	No.: 53 S Vol.: : Original Calik	Sample No.: 24 1.0 mL Do Mean	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample
ID: 241274-014 Sample Qty: 	1.0000 mL Mean Corr. Intensity	Seq Prep Data Mean Conc.	No.: 53 Vol.: Original Calik Units	Sample No.: 24 1.0 mL Do Mean	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample
ID: 241274-014 Sample Qty: Element Y 360.073	1.0000 mL Mean Corr. Intensity 75010.6	Seq Prep Data Mean	No.: 53 S Vol.: : Original Calik	Sample No.: 24 1.0 mL Do Mean	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample
ID: 241274-014 Sample Qty: Element Y 360.073 Sc 361.384	1.0000 mL Mean Corr. Intensity	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11	No.: 53 S. Vol.: : Original Calik Units µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean S Conc. 4305.11	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L
ID: 241274-014 Sample Qty: 	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664	No.: 53 Vol.: : Original Calik Units µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean S Conc. 4305.11 7.31664	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L µg/L
ID: 241274-014 Sample Qty: 	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296	No.: 53 Vol.: Original Calik Units µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean conc. 4305.11 7.31664 246.296	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L µg/L µg/L
ID: 241274-014 Sample Qty: 	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241	No.: 53 Vol.: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L µg/L µg/L µg/L µg/L
ID: 241274-014 Sample Qty: 	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296	No.: 53 Vol.: Original Calik Units µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean conc. 4305.11 7.31664 246.296	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L µg/L µg/L
ID: 241274-014 Sample Qty: Sc 361.384 Al 308.215 Sb 206.833 As 188.979 Sa 233.527 Se 313.107 cd 226.502 ca 430.253	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2	No.: 53 Vol.: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
ID: 241274-014 Sample Qty:	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8	No.: 53 Vol.: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
ID: 241274-014 Sample Qty:	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7 4732.6	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700	No.: 53 Vol.: : Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
ID: 241274-014 Sample Qty:	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8	No.: 53 Vol.: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
ID: 241274-014 Sample Qty:	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7 4732.6 167.6	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81	No.: 53 Vol.: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8939 6169.81	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
ID: 241274-014 Sample Qty: Sc 361.384 Al 308.215 Sb 206.833 As 188.979 Sa 233.527 Se 313.107 Cd 226.502 Ca 430.253 Ca 430.253 Ca 227.547 Cr 205.560 Co 228.616 Cu 324.754 Fe 273.955 Pb 220.353	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7 4732.6 167.6 9554.2 311885.0 114.7	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303	No.: 53 Vol.: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8939 6169.81 5.67303	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
ID: 241274-014 Sample Qty: Sc 361.384 Al 308.215 Sb 206.833 As 188.979 Sa 233.527 Se 313.107 Cd 226.502 Ca 430.253 Ca 430.253 Ca 227.547 Cr 205.560 Co 228.616 Cu 324.754 Fe 273.955 Pb 220.353 Ag 279.079	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7 4732.6 167.6 9554.2 311885.0 114.7 191036.7	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.99	No.: 53 Vol.: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.90	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L
ID: 241274-014 Sample Qty: Sample Qts Sample Qts Sample Qts Sample Qts Sample Qts Sample Qts Sample Qts Sample Qts Sams Sams Sams Sams Sams Sams Sams Sa	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7 4732.6 167.6 9554.2 311885.0 114.7 191036.7 1310188.7	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.99 1424.50	No.: 53 Vol.: Original Calik Units µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.90 1424.50	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L
ID: 241274-014 Sample Qty: Slement Y 360.073 Sc 361.384 Al 308.215 Sb 206.833 As 188.979 Sa 233.527 Se 313.107 Cd 226.502 Ca 430.253 Ca 227.547 Cr 205.560 Co 228.616 Cu 324.754 Fe 273.955 Pb 220.353 Ag 279.079 An 257.610 Vi 231.604	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7 4732.6 167.6 9554.2 311885.0 114.7 191036.7	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.99	No.: 53 Vol.: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.90	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L
ID: 241274-014 Sample Qty: Sample	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7 4732.6 167.6 9554.2 311885.0 114.7 191036.7 1310188.7 174.9 999757.3 64.9	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.99 1424.50 4.80123 3335.04 13.9761	No.: 53 Vol.: Vol.: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.50 1424.50 4.80123 3335.04 13.9761	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L
ID: 241274-014 Sample Qty: Se 360.073 Sc 361.384 Al 308.215 Sb 206.833 As 188.979 Sa 233.527 Se 313.107 Cd 226.502 Ca 430.253 Ca 227.547 Cr 205.560 Co 228.616 Cu 324.754 Fe 273.955 Pb 220.353 Ag 279.079 An 257.610 Vi 231.604 K 766.491 Se 196.026 Ag 338.289	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7 4732.6 167.6 9554.2 311885.0 114.7 191036.7 1310188.7 174.9 999757.3 64.9 -739.7	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.99 1424.50 4.80123 3335.04 13.9761 -0.0441898	No.: 53 Vol.: Vol.: Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.99 1424.50 4.80123 3335.04 13.9761 -0.0441898	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L
ID: 241274-014 Sample Qty: Sample Qty: Sc 361.384 Al 308.215 Sb 206.833 As 188.979 Sa 233.527 Se 313.107 Cd 226.502 Sa 233.527 Se 313.107 Cd 226.502 Sa 227.547 Sr 205.560 So 228.616 Cu 324.754 Se 273.955 Sb 220.353 Ag 279.079 An 257.610 Ai 257.610	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7 4732.6 167.6 9554.2 311885.0 114.7 191036.7 1310188.7 174.9 999757.3 64.9 -739.7 8057.3	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.99 1424.50 4.80123 3335.04 13.9761 -0.0441898 27695.1	No.: 53 Vol.: : Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.90 1424.50 4.80123 3335.04 13.9761 -0.0441898 27695.1	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L
ID: 241274-014 Sample Qty: Sample Qty: Sc 361.384 Al 308.215 Sb 206.833 As 188.979 Sa 233.527 Se 313.107 Cd 226.502 Ca 430.253 Ca 227.547 Cr 205.560 Co 228.616 Cu 324.754 Fe 273.955 Pb 220.353 Ag 279.079 An 257.610 Vi 231.604 K 766.491 Se 196.026 Ag 338.289 Va 330.237 Fl 190.800	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7 4732.6 167.6 9554.2 311885.0 114.7 191036.7 1310188.7 174.9 999757.3 64.9 -739.7 8057.3 -44.3	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.99 1424.50 4.80123 3335.04 13.9761 -0.0441898 27695.1 -1.57877	No.: 53 Vol.: : Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.90 1424.50 4.80123 3335.04 13.9761 -0.0441898 27695.1 -1.57877	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L
ID: 241274-014 Sample Qty: Se 361.384 Al 308.215 Sb 206.833 As 188.979 Sa 233.527 Se 313.107 Cd 226.502 Ca 430.253 Ca 227.547 Cr 205.560 Co 228.616 Cu 324.754 Fe 273.955 Pb 220.353 Ag 279.079 An 257.610 Vi 231.604 K 766.491 Se 196.026 Ag 338.289 Va 330.237 Fl 190.800 J 292.402	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7 4732.6 167.6 9554.2 311885.0 114.7 191036.7 1310188.7 174.9 999757.3 64.9 -739.7 8057.3	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.99 1424.50 4.80123 3335.04 13.9761 -0.0441898 27695.1	No.: 53 Vol.: : Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.90 1424.50 4.80123 3335.04 13.9761 -0.0441898 27695.1	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L
ID: 241274-014 Sample Qty: Se 361.384 Al 308.215 Sb 206.833 As 188.979 Sa 233.527 Se 313.107 Cd 226.502 Ca 430.253 Ca 227.547 Cr 205.560 Co 228.616 Cu 324.754 Fe 273.955 Pb 220.353 Ag 279.079 An 257.610 Vi 231.604 K 766.491 Se 196.026 Ag 338.289 Va 330.237 Fl 190.800 J 292.402	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7 4732.6 167.6 9554.2 311885.0 114.7 191036.7 1310188.7 174.9 999757.3 64.9 -739.7 8057.3 -44.3 405.0 2107.0 15917122.0	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.99 1424.50 4.80123 3335.04 13.9761 -0.0441898 27695.1 -1.57877 6.76980 26.5533 34171.9	No.: 53 Vol.: Original Calik Units µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.50 1424.50 4.80123 3335.04 13.9761 -0.0441898 27695.1 -1.57877 6.76980 26.5533 34171.9	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L
ID: 241274-014 Sample Qty: Element Y 360.073 Sc 361.384 Al 308.215 3b 206.833 As 188.979 3a 233.527 3e 313.107 Cd 226.502 Ca 430.253 Ca 227.547 Cr 205.560 Co 228.616 Cu 324.754 Fe 273.955 Pb 220.353 4g 279.079 4m 257.610 Vi 231.604 K 766.491 Se 196.026 Ag 338.289 Va 330.237 Fl 190.800 V 292.402 Zn 206.200 Va 589.592 40 202.030	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7 4732.6 167.6 9554.2 311885.0 114.7 191036.7 1310188.7 174.9 999757.3 64.9 -739.7 8057.3 -44.3 405.0 2107.0 15917122.0 12.9	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.99 1424.50 4.80123 3335.04 13.9761 -0.0441898 27695.1 -1.57877 6.76980 26.5533 34171.9 1.17998	No.: 53 Vol.: Original Calik Units µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.99 1424.50 4.80123 3335.04 13.9761 -0.0441898 27695.1 -1.57877 6.76980 26.5533 34171.9 1.17998	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L
ID: 241274-014 Sample Qty:	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7 4732.6 167.6 9554.2 311885.0 114.7 191036.7 1310188.7 174.9 999757.3 64.9 -739.7 8057.3 -44.3 405.0 2107.0 15917122.0	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.99 1424.50 4.80123 3335.04 13.9761 -0.0441898 27695.1 -1.57877 6.76980 26.5533 34171.9	No.: 53 Vol.: Original Calik Units µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.50 1424.50 4.80123 3335.04 13.9761 -0.0441898 27695.1 -1.57877 6.76980 26.5533 34171.9	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L
ID: 241274-014 Sample Qty:	1.0000 mL Mean Corr. Intensity 75010.6 283679.3 112159.4 43.2 584.9 3721.0 471.8 -65.9 633754.1 4617.7 4732.6 167.6 9554.2 311885.0 114.7 191036.7 1310188.7 174.9 999757.3 64.9 -739.7 8057.3 -44.3 405.0 2107.0 15917122.0 12.9 398.3	Seq. Prep Data Mean Conc. 1.049 0.909 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.99 1424.50 4.80123 3335.04 13.9761 -0.0441898 27695.1 -1.57877 6.76980 26.5533 34171.9 1.17998 244.954	No.: 53 Vol.: : Original Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Sample No.: 24 1.0 mL Mean Conc. 4305.11 7.31664 246.296 29.2241 0.197709 0.127514 53209.2 51322.8 139.700 3.85112 50.8989 6169.81 5.67303 6564.99 1424.50 4.80123 3335.04 13.9761 -0.0441898 27695.1 -1.57877 6.76980 26.5533 34171.9 1.17998	A/S Pos: 47 Dilution: 1.0: 1. Date: 10/12/04 6:22:39 PM Sample Units µg/L

ethod: CLP			Page 25		Date: 10/12/04	6:36:53 I
			a: Original		Date: 10/12/04	
	Mean Corr.	Mean	Calib	Mean	Samp	
ement	Intensity	Conc.	Units	Coné.	Unit:	
360.073	70701.7	0.988	µg/L			
361.384	290661.7	0.931	µg/L			
308.215	14381.5	2.13392	µg/L			
206.833	255.4	131.797	µg/L			
188.979	48.0	25.6256	µg/L			
233.527	-137.0	0.353588	µg/L			
313.107	15614.2	9.55789	µg/L			
226.502	540.0	10.0395	µg/L			
430.253	10405.5	838.522	µg/L µg/L			in the second second
227.547	-115.3	511.916	µg/L			
205.560	669.9	20.4163	μg/L			
		94.7524	· · ·	- 		
228.616	3517.8		µg/L			
324.754	9875.5	52.6657	µg/L			
273.955	1998.0	32.2832	µg/L			
220.353	130.8	7.15409	µg/L			
279.079	3093.3	-2.69600	µg/L			
257.610	30277.0	32.3677	µg/L			
231.604	2383.1	78.1213	μg/L			
766.491	12342.6	16.6211	μg/L			
196.026	59.2	9.32780	µg/L			
338.289	616.7	20.2263	µg/L	•		
330.237		861.121	hd\r			
190.800	9.3	19.7295	μg/L			
292.402	6954.4	95.0510	µg/L			
206.200	3335.4	43.0465	L/B			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
589.592	40305.6	234.397	лд/Г			
202.030	1.0	-0.112690	lad T			
182.527	-18.3	5.36900	µg/L			
: ISAM03ISA		Pre	. No.: 55 Sample No p. Vol.: 1.0 L a: Original	7	<pre>>/# Fos: 5 Dilution: Date: 10/12/04</pre>	1.0: 6:31:13 P
: ISAM03ISA(mple Qty:	001 1.0000 g Mean Corr.	Pre Dat Mean	p. Vol.: 1.0 L a: Original Calib	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 	001 1.0000 g Mean Corr. Intensity	Pre Dat Mean Conc.	p. Vol.: 1.0 L a: Original Calib Units		Date: 10/12/04	6:31:13 P e
: ISAM03ISA(mple Qty: ement 360.073	001 1.0000 g Mean Corr. Intensity 61008.3	Pre Dat Mean Conc. 0.853	p. Vol.: 1.0 L a: Original Calib Units µg/L	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: ement 360.073 361.384	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5	Pre Dat Conc. 0.853 0.871	p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: ement 360.073 361.384 308.215	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1	Pre Dat Conc. 0.853 0.871 505428	p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: ement 360.073 361.384 308.215 206.833	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5	Pre Dat Conc. 0.853 0.871 505428 -5.44770	p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: ement 360.073 361.384 308.215 206.833 188.979	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7	Pre Dat Conc. 0.853 0.871 505428 -5.44770 -7.61893	p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 360.073 361.384 308.215 206.833 188.979 233.527	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1	Pre Dat Dat Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307	p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5	Pre Dat Dat Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787	p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8	Pre Dat Dat 	p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3	Pre Dat Dat Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933	p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612	p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957	p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: ament 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065	p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9	Pre Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183	p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274	p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2	Pre Dat Dat Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928	p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3	Pre Dat Dat 	<pre>p. Vol.: 1.0 L a: Original</pre>	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3 11040.6	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928 487287 -0.739880	<pre>p. Vol.: 1.0 L a: Original</pre>	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604	0001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3 11040.6 84.5	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928 487287 -0.739880 1.79837	<pre>p. Vol.: 1.0 L a: Original</pre>	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: ament 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3 11040.6 84.5 20306.4	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928 487287 -0.739880 1.79837 43.3849	<pre>p. Vol.: 1.0 L a: Original</pre>	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: ament 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3 11040.6 84.5 20306.4 4.0	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928 487287 -0.739880 1.79837 43.3849 25.7520	<pre>p. Vol.: 1.0 L a: Original</pre>	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: ament 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026 338.289	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3 11040.6 84.5 20306.4 4.0 -1201.5	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928 487287 -0.739880 1.79837 43.3849 25.7520 -6.94594	<pre>p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026 338.289 330.237	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3 11040.6 84.5 20306.4 4.0 -1201.5 -193.2	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928 487287 -0.739880 1.79837 43.3849 25.7520 -6.94594 619.320	<pre>p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026 338.289 330.237 190.800	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3 11040.6 84.5 20306.4 4.0 -1201.5 -193.2 -71.0	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928 487287 -0.739880 1.79837 43.3849 25.7520 -6.94594 619.320 18.3936	<pre>p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: ament 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026 338.289 330.237 190.800 292.402	0001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3 11040.6 84.5 20306.4 40 -1201.5 -193.2 -71.0 -138.7	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928 487287 -0.739880 1.79837 43.3849 25.7520 -6.94594 619.320 18.3936 -0.559397	<pre>p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3 11040.6 84.5 20306.4 4.0 -1201.5 -193.2 -71.0 -138.7 1127.8	Pre Dat Dat Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928 487287 -0.739880 1.79837 43.3849 25.7520 -6.94594 619.320 18.3936 -0.559397 -3.23744	<pre>p. Vol.: 1.0 L a: Original</pre>	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3 11040.6 84.5 20306.4 4.0 -1201.5 -193.2 -71.0 -138.7 1127.8 85158.0	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928 487287 -0.739880 1.79837 43.3849 25.7520 -6.94594 619.320 18.3936 -0.559397 -3.23744 330.272	<pre>p. Vol.: 1.0 L a: Original</pre>	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: 	0001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3 11040.6 84.5 20306.4 4.00 -1201.5 -193.2 -71.00 -138.7 1127.8 85158.00 -8.8	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928 487287 -0.739880 1.79837 43.3849 25.7520 -6.94594 619.320 18.3936 -0.559397 -3.23744 330.272 -1.18168	<pre>p. Vol.: 1.0 L a: Original</pre>	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026 338.289 330.237 190.800 292.402 206.200 589.592	001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3 11040.6 84.5 20306.4 4.0 -1201.5 -193.2 -71.0 -138.7 1127.8 85158.0	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928 487287 -0.739880 1.79837 43.3849 25.7520 -6.94594 619.320 18.3936 -0.559397 -3.23744 330.272	<pre>p. Vol.: 1.0 L a: Original</pre>	Mean	Date: 10/12/04 Sampl	6:31:13 P e
: ISAM03ISA(mple Qty: ament 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026 338.289 330.237 190.800 292.402 206.200 589.592 202.030 182.527	0001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3 11040.6 84.5 20306.4 4.00 -1201.5 -193.2 -71.00 -138.7 1127.8 85158.00 -8.8	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928 487287 -0.739880 1.79837 43.3849 25.7520 -6.94594 619.320 18.3936 -0.559397 -3.23744 330.272 -1.18168	<pre>p. Vol.: 1.0 L a: Original</pre>	Mean	Date: 10/12/04 Sampl	6:31:13 P e
ISAM03ISA mple Qty: ament 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 266.491 196.026 338.289 330.237 190.800 292.402 206.200 589.592 202.030 82.527 an Data	0001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3 11040.6 84.5 20306.4 4.0 -1201.5 -193.2 -71.0 -138.7 127.8 85158.0 -8.8 -143.4	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928 487287 -0.739880 1.79837 43.3849 25.7520 -6.94594 619.320 18.3936 -0.559397 -3.23744 30.272 -1.18168 -66.5755	<pre>p. Vol.: 1.0 L a: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc.	Date: 10/12/04 Sampl Units	6:31:13 P e
ISAM03ISA mple Qty: ment 60.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 66.491 196.026 338.289 330.237 190.800 92.402 206.200 589.592 202.030 82.527	0001 1.0000 g Mean Corr. Intensity 61008.3 271813.5 11501799.1 21.5 5.7 -177.1 -627.5 377.8 6284221.3 48611.1 21.6 7.6 -1232.9 8951037.1 -116.2 13947557.3 11040.6 84.5 20306.4 4.0 -1201.5 -193.2 -71.0 -138.7 127.8 85158.0 -8.8 -143.4	Pre Dat Dat Mean Conc. 0.853 0.871 505428 -5.44770 -7.61893 0.0535307 -0.481787 2.13411 527933 523612 1.37957 -0.490065 -11.9183 177274 3.67928 487287 -0.739880 1.79837 43.3849 25.7520 -6.94594 619.320 18.3936 -0.559397 -3.23744 330.272 -1.18168 -66.5755	<pre>p. Vol.: 1.0 L a: Original</pre>	Mean Conc.	Date: 10/12/04 Sampl	6:31:13 P e

sthod: CLP		<u> </u>	Page 26			6:45:34 PM
	Mean Corr.	Mean	Calib	Mean	Samp	
lement	Intensity			Conc.	Unit	s
360.073	60657.2	0.848	µg/L			
361.384	255492.2	0.818	uq/L			
L 308.215	11893803.6	522675	μg/L			
206.833	1327.4	760.678	µg/L			
C exceeds	upper limit for	Sb 206.83	3 Recovery = 126.78% Actic	on = Contin	ue	
s 188.979	277.1 74164.5	103.176	µg/L			
a 233.527	74164.5	556.372	µg/L			
313.107	808905.1	499.925	µg/L			
1 226.502	60574.5 6519403.7	970.440	µg/L			
a 430.253	6519403.7	547692	µg/L			
227.547	50554.7	544477	µg/L			
205.560		492.112				
228.616	16604.5	449.831	µg/L	1		
324.754	72266.0	533.214	µg/L			
273.955	72266.0 9222027.8	182641	µg/L			
220.353	221.6 14380859.4	51.2519	μg/L			
279.079	14380859.4	502429	µg/L			
257.610	482465.8	511.699	μg/L		and the second second	•
231.604	28270.3	937.688	µg/L			
766.491	20623.3	44.4500	µg/L			
196.026	125.3	81.9474	µg/L			
QC exceeds	upper limit for	Se 196.02	6 Recovery = 163.89% Actic	on = Contin	ue	
g 338.289	12408.4 -160.0	196.451	µg/L			
a 330.237	-160.0	728.192	μg/L			
L 190.800	162.8 36550.5	103.263	µg/L			
292.402	36550.5	493.985	µg/L			
n 206.200	73795.1	958.373	hd/r			
589.592		301.112				
202.030	-2.5	-0.487609	µg/L			
182.527	-143.1	-66.3778	µg/L			All and a second second
	ccv01 1.0000 g			: 11 :	A/S Pos: 4 Dilution: Date: 10/12/04	1.0: 1 6:40:22 PM
	ccV01 1.0000 g		Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original			
ean Data): CCVM03AG ample Qty:	CCV01 1.0000 g Mean Corr.	 Mean	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original		A/S Pos: 4 Dilution: Date: 10/12/04 Samp Unit	
ean Data D: CCVM03AG ample Qty: 	CCV01 1.0000 g Mean Corr. Intensity	Mean Conc	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original 			
ean Data D: CCVM03AG ample Qty: Lement 360.073	CCV01 1.0000 g Mean Corr. Intensity 70592.3	 Mean	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original 			
ean Data D: CCVM03AG ample Qty: Lement 360.073 : 361.384	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6	Mean Conc 0.987 0.889	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original 			
ean Data); CCVM03AG imple Qty; ement 360.073 ; 361.384 308.215	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6	Mean Conc 0.987 0.889	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib . Units µg/L µg/L			
ean Data D: CCVM03AG ample Qty: Lement 360.073 361.384 L 308.215 D 206.833	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0	Mean Conc 0.987 0.889 218.682	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L µg/L µg/L µg/L µg/L			
ean Data): CCVM03AG ample Qty: 360.073 361.384 308.215 206.833 188.979	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L			
ean Data): CCVM03AG imple Qty: 360.073 361.384 308.215 206.833 188.979 233.527	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1	Mean Conc 0.987 0.889 218.682 -9.15875	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L			
ean Data): CCVM03AG ample Qty: 	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L			
ean Data): CCVM03AG mple Qty: 	Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4	Mean Conc 0.987 218.682 -9.15875 2.92218 1.95391 0.366217	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L			
ean Data c CCVM03AG mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253	Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5	Mean Conc 0.987 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L			
ean Data c CCVM03AG mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547	Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0	Mean Conc 0.987 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L			
an Data c CCVM03AG mple Qty: 	Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5	Mean Conc 0.987 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L			
ean Data c: CCVM03AG imple Qty: ement 360.073 : 361.384 308.215 > 206.833 : 188.979 233.527 : 313.107 1 226.502 : 430.253 : 227.547 : 205.560 > 228.616	Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6	Mean Conc 0.987 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L			
ean Data c: CCVM03AG imple Qty: ement 360.073 : 361.384 308.215 0 206.833 : 188.979 233.527 : 313.107 1 226.502 4 30.253 2 27.547 : 205.560 0 228.616 : 324.754	Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6	Mean Conc 0.987 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L			
ean Data b: CCVM03AG ample Qty: 	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122 304.175	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L			
ean Data	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122 304.175 152.497	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L			
ean Data	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7 60.9	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122 304.175 152.497 -2.46895	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L			
ean Data	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7 60.9 8342.8 1453.5 77.8	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122 304.175 152.497 -2.46895 180.749 1.00892 1.57829	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L			
an Data : CCVM03AG mple Qty: .ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7 60.9 8342.8 1453.5	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122 304.175 152.497 -2.46895 180.749 1.00892	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L			
an Data : CCVM03AG mple Qty: 	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7 60.9 8342.8 1453.5 77.8	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122 304.175 152.497 -2.46895 180.749 1.00892 1.57829	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L			
an Data CCVM03AG mple Qty: 	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7 60.9 8342.8 1453.5 77.8 12263.7	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122 304.175 152.497 -2.46895 180.749 1.00892 1.57829 16.3559	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L			
an Data CCVM03AG mple Qty: 	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7 60.9 8342.8 1453.5 77.8 12263.7 42.5	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122 304.175 152.497 -2.46895 180.749 1.00892 1.57829 16.3559 1.79326	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L			
an Data CCVM03AG mple Qty: 	Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7 60.9 8342.8 1453.5 77.8 12263.7 42.5 19153.5	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122 304.175 152.497 -2.46895 180.749 1.00892 1.57829 16.3559 1.79326 297.256	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L			
ean Data c: CCVM03AG mple Qty: 	Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7 60.9 8342.8 1453.5 77.8 12263.7 42.5 19153.5 -118.2	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122 304.175 152.497 -2.46895 180.749 1.00892 1.57829 16.3559 1.79326 297.256 865.275 282.867 0.504131	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L			
ean Data): CCVM03AG ample Qty:	Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7 60.9 8342.8 1453.5 77.8 12263.7 42.5 19153.5 -118.2 731.0	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122 304.175 152.497 -2.46895 180.749 1.00892 1.57829 16.3559 1.79326 297.256 865.275 282.867	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L			
ean Data D: CCVM03AG ample Qty: 360.073 361.384 308.215 206.833 3188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 3279.079 1257.610 231.604 766.491 e 196.026 g 338.289 a 330.237 190.800 292.402	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7 60.9 8342.8 1453.5 77.8 12263.7 42.5 19153.5 -118.2 731.0 -59.8	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122 304.175 152.497 -2.46895 180.749 1.00892 1.57829 16.3559 1.79326 297.256 865.275 282.867 0.504131	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L			
ean Data	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7 60.9 8342.8 1453.5 77.8 12263.7 42.5 19153.5 -118.2 731.0 -59.8 468.8	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122 304.175 152.497 -2.46895 180.749 1.00892 1.57829 16.3559 1.79326 297.256 865.275 282.867 0.504131 5.08597	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L			
ean Data D: CCVM03AG ample Qty: 360.073 361.384 308.215 0206.833 188.979 233.527 313.107 226.502 430.253 227.547 50228.616 1324.754 273.955 0228.616 1324.754 273.955 0220.353 327.610 1231.604 766.491 196.026 338.289 139.237 190.800 292.402 1206.200	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7 60.9 8342.8 1453.5 77.8 12263.7 42.5 19153.5 -118.2 731.0 -59.8 468.8 21333.5	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.82363 -0.957122 304.175 152.497 -2.46895 180.749 1.00892 1.57829 16.3559 1.79326 297.256 865.275 282.867 0.504131 5.08597 193.843	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L			
ean Data	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7 60.9 8342.8 1453.5 77.8 12263.7 42.5 19153.5 -118.2 731.0 -59.8 468.8 21333.5 10085.0	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.88236 -0.957122 304.175 152.497 -2.46895 180.749 1.00892 1.57829 16.3559 1.79326 297.256 865.275 282.867 0.504131 5.08597 193.843 1095.73	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L			
an Data : CCVM03AG mple Qty: ement 360.073 361.384 308.215 206.833 188.979 233.527 313.107 226.502 430.253 227.547 205.560 228.616 324.754 273.955 220.353 279.079 257.610 231.604 766.491 196.026 338.289 330.237 190.800 292.402 206.200 589.592 202.030	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7 60.9 8342.8 1453.5 77.8 12263.7 42.5 19153.5 -118.2 731.0 -59.8 468.8 21333.5 10085.0	Mean Conc 0.987 0.889 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122 304.175 152.497 -2.46895 180.749 1.00892 1.57829 16.3559 1.79326 297.256 865.275 282.867 0.504131 5.08597 193.843 1095.73 1046.45	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L	Conc.	Unit	
an Data : CCVM03AG mple Qty: 	CCV01 1.0000 g Mean Corr. Intensity 70592.3 277688.6 19303.0 15.1 -7.3 76.9 744.4 -37.5 11586.0 -106.5 4.6 -9.6 43817.7 8067.7 60.9 8342.8 1453.5 77.8 12263.7 42.5 19153.5 -118.2 731.0 -59.8 468.8 2133.5 10085.0 1791.9	Mean Conc 0.987 218.682 -9.15875 2.92218 1.95391 0.366217 0.765449 937.705 607.078 0.882363 -0.957122 304.175 152.497 1.52.46895 180.749 1.00892 1.57829 16.3559 1.79326 297.256 865.275 282.867 0.504131 5.08597 193.843 1095.73 1046.45	Seq. No.: 57 Sample No.: Prep. Vol.: 1.0 L Data: Original Calib Units µg/L	Conc. : 12		

iethod: CLP			Page 27	Date: 10/12/04	6:53:21 PM
		D	Data: Original	0.1te: 10/12/04	6:44:45 PM
	Mean Corr.	Mean	Calib Mean	Sample	
Element	Intensity	Conc.			
2 360.073	68749.7	0.961	µg/L		
3c 361.384	275855.6	0.883	µg/L		
Al 308.215	220745.7	9082.07	μg/L		
3b 206.833	1031.5	587.073	hd\r have		
As 188.979	-20.1 1356922.2	-2.45922 10155.6	μg/L μg/L		
3a 233.527 3e 313.107	382722.4	236.483	µd\T		
d 226.502	1.2	0.713161	µg/L		
la 430.253	276769.1	23217.1	µg/L		
la 227.547	1958.5	22775.7	μg/L		•
lr 205.560	33885.9	995.676	µg/L		
lo 228.616	86425.3	2344.26	μg/L		
lu 324.754	160593.6	1169.89	µg/L		
re 273.955 b 220.353	235839.0 104.4	4663.67 4.19451	μg/L μg/L		
1g 279.079	686236.2	23869.8	hd\r hd\r		
in 257.610	2238755.4	2434.16	µg/L		
li 231.604	71801.4	2383.11	µg/L		
766.491	8987569.0	30179.8	µg/L		
ie 196.026	57.0	9.16136	µg/L		
\g 338.289	43945.3	667.763	µg/L		
la 330.237	7007.9	24251.2	µg/L		
1 190.800	-43.4	-4.94310	µg/L		
7 292.402 In 206.200	169114.6 179920.1	2280.85 2380.25	μg/L μg/L		
Ja 589.592	14515835.7	31176.6	µg/L		
lo 202.030	4877.7	529.846	µg/L		
3 182.527	-16.0	6.72095	µg/L		
ample Qty:	1.0000 g	P	eq. No.: 59 Sample No.: 13 Prep. Vol.: 1.0 L Pata: Original	Dilution: 1 Date: 10/12/04	.0: 1.0 6:48:59 PM
	Mean Corr.	Mean	Calib Mean	Sample	
17					
lement	Intensity	Conc.	Units Conc.		
360.073	Intensity 71855.6	Conc. 1.005	Units Conc. µg/L		
	Intensity	Conc.	Units Conc.		
′ 360.073 ic 361.384	Intensity 71855.6 306596.9	Conc. 1.005 0.982	Units Conc. µg/L µg/L µg/L µg/L µg/L		
2 360.073 c 361.384 l 308.215 b 206.833 s 188.979	Intensity 71855.6 306596.9 14643.6 969.0 2449.0	Conc. 1.005 0.982 13.6661 550.406 1011.11	Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L		
7 360.073 361.384 1 308.215 206.833 188.979 3 233.527	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9	Conc. 1.005 0.982 13.6661 550.406 1011.11 4.47613	Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L		
7 360.073 3 361.384 1 308.215 3 206.833 1 188.979 3 233.527 3 313.107	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9	Conc. 1.005 0.982 13.6661 550.406 1011.11 4.47613 0.167500	Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		
7 360.073 3 361.384 1 308.215 3 206.833 1 188.979 3 233.527 3 313.107 3 226.502	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5	$\begin{array}{c} \text{Conc.} \\ 1.005 \\ 0.982 \\ 13.6661 \\ 550.406 \\ 1011.11 \\ 4.47613 \\ 0.167500 \\ 502.008 \end{array}$	Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		
7 360.073 3 361.384 1 308.215 3 206.833 1 88.979 3 233.527 3 313.107 3 226.502 3 430.253	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\end{array}$	Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		
<pre>' 360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 cd 226.502</pre>	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3	$\begin{array}{c} \text{Conc.} \\ 1.005 \\ 0.982 \\ 13.6661 \\ 550.406 \\ 1011.11 \\ 4.47613 \\ 0.167500 \\ 502.008 \end{array}$	Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		
7 360.073 3 361.384 1 308.215 3 206.833 1 188.979 3 233.527 3 13.107 3 226.502 3 430.253 3 227.547	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ \end{array}$	Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		
<pre>' 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754</pre>	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ \end{array}$	Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		
<pre>' 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955</pre>	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ \end{array}$	Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		
<pre>' 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955 ib 220.353</pre>	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0 6690.6	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ 910.324 \end{array}$	Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		
<pre>' 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955 ib 220.353 ig 279.079</pre>	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0 6690.6 3532.9	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ 910.324\\ 12.6668\\ \end{array}$	Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		
<pre>' 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955 ib 220.353 ig 279.079 in 257.610</pre>	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0 6690.6	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ 910.324 \end{array}$	Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		
<pre>' 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955 ib 220.353 ig 279.079 in 257.610 ii 231.604 i 766.491</pre>	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0 6690.6 3532.9 1555.5	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ 910.324\\ 12.6668\\ 1.12409\end{array}$	Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		
<pre>' 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955 ib 220.353 ig 279.079 in 257.610 ii 231.604 ie 196.026</pre>	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0 6690.6 3532.9 1555.5 76.9 20845.5 2330.5	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ 910.324\\ 12.6668\\ 1.12409\\ 1.54680\\ 45.1969\\ 1035.06\end{array}$	Units Conc. µg/L		
<pre>' 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955 ib 220.353 ig 279.079 in 257.610 ii 231.604 i 766.491 ie 196.026 ig 338.289</pre>	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0 6690.6 3532.9 1555.5 76.9 20845.5 2330.5 -402.8	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ 910.324\\ 12.6668\\ 1.12409\\ 1.54680\\ 45.1969\\ 1035.06\\ 4.98984 \end{array}$	Units Conc. µg/L		
<pre>' 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955 ib 220.353 ig 279.079 im 257.610 ii 231.604 i 766.491 ie 196.026 ig 338.289 ia 330.237</pre>	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0 6690.6 3532.9 1555.5 76.9 20845.5 2330.5 -402.8 -159.3	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ 910.324\\ 12.6668\\ 1.12409\\ 1.54680\\ 45.1969\\ 1035.06\\ 4.98984\\ 730.460\\ \end{array}$	Units Conc. µg/L		
<pre>? 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955 ib 220.353 ig 279.079 in 257.610 ii 231.604 i 766.491 ie 196.026 ig 338.289 ia 330.237 il 190.800</pre>	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0 6690.6 3532.9 1555.5 76.9 20845.5 2330.5 -402.8 -159.3 2464.5	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ 910.324\\ 12.6668\\ 1.12409\\ 1.54688\\ 1.12409\\ 1.54689\\ 1.54680\\ 910.35.06\\ 4.98984\\ 730.460\\ 914.559\end{array}$	Units Conc. µg/L		
<pre>' 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955 ib 220.353 ig 279.079 im 257.610 ii 231.604 i 766.491 ie 196.026 ig 338.289 ia 330.237</pre>	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0 6690.6 3532.9 1555.5 76.9 20845.5 2330.5 -402.8 -159.3	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ 910.324\\ 12.6668\\ 1.12409\\ 1.54680\\ 45.1969\\ 1035.06\\ 4.98984\\ 730.460\\ \end{array}$	Units Conc. µg/L		
<pre>? 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955 ib 220.353 ig 279.079 in 257.610 ii 231.604 i 766.491 ie 196.026 ig 338.289 ia 330.237 il 150.800 7 292.402 in 206.200 ia 589.592</pre>	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0 6690.6 3532.9 1555.5 76.9 20845.5 2330.5 -402.8 -159.3 2464.5 -33.9 320.4 30870.2	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ 910.324\\ 12.6668\\ 1.12409\\ 1.54680\\ 45.1969\\ 1035.06\\ 4.98984\\ 730.460\\ 914.559\\ 0.853643\\ 3.12709\\ 214.229\end{array}$	Units Conc. µg/L		
? 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955 ib 220.353 ig 279.079 in 257.610 ii 231.604 i 766.491 ie 196.026 ig 338.289 ia 330.237 il 190.800 i 292.402 in 206.200 ia 589.592 io 202.030	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0 6690.6 3532.9 1555.5 76.9 20845.5 2330.5 -402.8 -159.3 2464.5 -33.9 320.4 30870.2 4718.8	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ 910.324\\ 12.6668\\ 1.12409\\ 1.54680\\ 45.1969\\ 1035.06\\ 4.98984\\ 730.460\\ 914.559\\ 0.853643\\ 3.12709\\ 214.229\\ 512.580\\ \end{array}$	Units Conc. µg/L		
<pre>? 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955 ib 220.353 ig 279.079 in 257.610 ii 231.604 i 766.491 ie 196.026 ig 338.289 ia 330.237 il 150.800 7 292.402 in 206.200 ia 589.592</pre>	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0 6690.6 3532.9 1555.5 76.9 20845.5 2330.5 -402.8 -159.3 2464.5 -33.9 320.4 30870.2	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ 910.324\\ 12.6668\\ 1.12409\\ 1.54680\\ 45.1969\\ 1035.06\\ 4.98984\\ 730.460\\ 914.559\\ 0.853643\\ 3.12709\\ 214.229\end{array}$	Units Conc. µg/L		
$^{\circ}$ 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 ia 233.527 ie 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955 ib 220.353 ig 279.079 in 257.610 ii 231.604 ($^{\circ}$ 766.491 ie 196.026 ig 338.289 ia 330.237 il 190.800 7 292.402 in 206.200 ia 589.592 io 202.030 is 182.527	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0 6690.6 3532.9 1555.5 76.9 20845.5 2330.5 -402.8 -159.3 2464.5 -33.9 320.4 30870.2 4718.8	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ 910.324\\ 12.6668\\ 1.12409\\ 1.54680\\ 45.1969\\ 1035.06\\ 4.98984\\ 730.460\\ 914.559\\ 0.853643\\ 3.12709\\ 214.229\\ 512.580\\ \end{array}$	Units Conc. µg/L		
? 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 la 233.527 le 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 le 273.955 ib 220.353 ig 279.079 in 257.610 li 231.604 (766.491 le 196.026 ig 338.289 la 330.237 il 190.800 7 292.402 in 206.200 la 589.592 lo 202.030	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0 6690.6 3532.9 1555.5 76.9 20845.5 2330.5 -402.8 -159.3 2464.5 -33.9 320.4 30870.2 4718.8	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ 910.324\\ 12.6668\\ 1.12409\\ 1.54680\\ 45.1969\\ 1035.06\\ 4.98984\\ 730.460\\ 914.559\\ 0.853643\\ 3.12709\\ 214.229\\ 512.580\\ 4.57289\\ \end{array}$	Units Conc. µg/L	Units A/J Post 1	
<pre>? 360.073 ic 361.384 il 308.215 ib 206.833 is 188.979 la 233.527 le 313.107 id 226.502 ia 430.253 ia 227.547 ir 205.560 io 228.616 iu 324.754 ie 273.955 ib 220.353 ig 279.079 in 257.610 li 231.604 if 766.491 ie 196.026 ig 338.289 la 330.237 il 190.800 7 292.402 in 206.200 la 589.592 fo 202.030 } 182.527</pre>	Intensity 71855.6 306596.9 14643.6 969.0 2449.0 413.9 422.9 31114.5 10118.3 -109.8 1.8 78.0 2979.3 1724.0 6690.6 3532.9 1555.5 76.9 20845.5 2330.5 -402.8 -159.3 2464.5 -33.9 320.4 30870.2 4718.8	$\begin{array}{c} \text{Conc.}\\ 1.005\\ 0.982\\ 13.6661\\ 550.406\\ 1011.11\\ 4.47613\\ 0.167500\\ 502.008\\ 814.398\\ 571.022\\ 0.799744\\ 1.42050\\ 1.56723\\ 26.8560\\ 910.324\\ 12.6668\\ 1.12409\\ 1.54680\\ 45.1969\\ 1035.06\\ 4.98984\\ 730.460\\ 914.559\\ 0.853643\\ 3.12709\\ 214.229\\ 512.580\\ 4.57289\\ \end{array}$	Units Conc. µg/L	Units A/J Post 1	.0: 1.0 6:52:53 PM

ioth	. 60	C	T.P

•	Mean Corr.	Mean	Calib	Mean	Sample
lomont	Intensity		Units	Conc.	Units
lement				COIL.	OULT C'22
360.073	70754.9	0.989	µg/L		
c 361.384	284934.8	0.913	µg/L		
1 308.215	14356.0	1.00878	µg/L		
b 206.833	48.9	10.6279	µg/L		
s 188.979	-6.4		µg/L		
a 233.527	-108.7	0.564934	hd\r		
e 313.107	207.2	0.0341538	hd\r		
d 226.502	-69.7	0.251876	hd/r		
a 430.253	9994.0	803.952	µq/L		
	-121.0	451.428	µg/L		
a 227.547					
r 205.560	-17.1	0.243667	µg/L		
0 228 616	28.5	0.0761089	hd\r		
u 324.754	2776.7	0.0651022	μq/L		
e 273.955	925.6	11.0427	µg/L		
b 220.353	103.3	3.36662	µg/L		
g 279.079	3357.7	6.54441	μg/L		
n 257.610	695.4	0.188610	hd\r		
i 231.604	45.9	0.517558	µg/L		
766.491	11946.7	15.2906	L/D		
e 196.026	40.9	1.07909	µq/L		
	-625.7	1.65869	µg/L		
g 338.289					
a 330.237	-112.7	883.471	µg/L		
1 190.800	-40.1	1.86949	hid\T	++	
292.402	-101.2	-0.0530712	µg/L		
n 206.200	123.0	0.513497	hd/r		
a 589.592	16947.1	184.467	lid/F		
o 202.030	46.0	4.78297	hd\r hd\r		
182.527	-24.2	1.98621	µg/L		
ean Data					
D: MB 76961		Seq	No.: 61 Sample No.	: 25	A/S Pos: 48
ample Qty:	1.0000 mL	Pre	D. Vol.: 1.0 mL		Dilution: 1.0: 1.0
			a: Original		Date: 10/12/04 6:56:47 PM
				-	
	Mean Corr	Mean	Calib	Maan	Sample
1	Mean Corr.	Mean	Calib	Mean	Sample
lement	Intensity	Conc.	Units	Mean Conc.	Sample Units
lement 360.073	Intensity 71656.0	Conc. 1.002	Units µg/L		
	Intensity	Conc.	Units		
360.073	Intensity 71656.0	Conc. 1.002	Units µg/L µg/L		
360.073 c 361.384 l 308.215	Intensity 71656.0 302876.0 14850.5	Conc. 1.002 0.970 22.7660	Units µg/L µg/L µg/L	Conc. 22.7660	Units µg/L
360.073 c 361.384 l 308.215 b 206.833	Intensity 71656.0 302876.0 14850.5 39.7	Conc. 1.002 0.970 22.7660 5.28168	Units µg/L µg/L µg/L µg/L	Conc. 22.7660 5.28168	Units µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979	Intensity 71656.0 302876.0 14850.5 39.7 -8.1	Conc. 1.002 0.970 22.7660 5.28168 2.59951	Units µg/L µg/L µg/L µg/L µg/L	Conc. 22.7660 5.28168 2.59951	Units µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392	Units µg/L µg/L µg/L µg/L µg/L µg/L 0	Conc. 22.7660 5.28168 2.59951 .325392	Units µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742	Units µg/L µg/L µg/L µg/L µg/L µg/L 0 µg/L 0.	Conc. 22.7660 5.28168 2.59951 .325392 0324742	Units µg/L µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160	Units µg/L µg/L µg/L µg/L µg/L µg/L 0 µg/L 0. µg/L 0.	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160	Units µg/L µg/L µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742	Units µg/L µg/L µg/L µg/L µg/L µg/L 0 µg/L 0. µg/L 0.	Conc. 22.7660 5.28168 2.59951 .325392 0324742	Units µg/L µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160	Units µg/L µg/L µg/L µg/L µg/L µg/L 0. µg/L 0. µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160	Units µg/L µg/L µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402	Units µg/L µg/L µg/L µg/L µg/L 0 µg/L 0. µg/L 0. µg/L µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278	Units µg/L µg/L µg/L µg/L µg/L 0 µg/L µg/L µg/L µg/L 0	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9	$\begin{array}{c} \text{Conc.}\\ 1.002\\ 0.970\\ 22.7660\\ 5.28168\\ 2.59951\\ 0.325392\\ 0.0324742\\ 0.0926160\\ 805.402\\ 458.998\\ 0.544278\\ 0.251965\end{array}$	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L 0 µg/L 0 µg/L 0 µg/L 0 µg/L 0 µg/L 0 µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L 0 µg/L 0 µg/L 0 µg/L 0 µg/L 0 µg/L 0 µg/L 0 µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.544278 0.251965 0.812781 7.63377	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L 0 µg/L 0 µg/L 0 µg/L 0 µg/L 0 µg/L 0 µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781 7.63377 0.499958	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L 0 0 µg/L 0 0 µg/L 0 0 µg/L 0 0 µg/L 0 0 µg/L 0 0 0 0 0 0 0 0 0 0 0 0 0	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377 .499958	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.544278 0.251965 0.812781 7.63377	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L 0 0 µg/L 0 0 µg/L 0 0 µg/L 0 0 µg/L 0 0 µg/L 0 0 0 0 0 0 0 0 0 0 0 0 0	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781 7.63377 0.499958	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L 0 µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377 .499958	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5 3503.2 581.2	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781 7.63377 0.499958 11.6287 0.0641928	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L 0 µg/L 0 µg/L 0. 0. µg/L 0. 0. µg/L 0. 0. µg/L 0. 0. µg/L 0. 0. µg/L 0. 0. µg/L 0. 0. µg/L 0. 0. 0. µg/L 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377 .499958 11.6287 0641928	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610 i 231.604	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5 3503.2 581.2 44.8	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781 7.63377 0.499358 11.6287 0.0641928 0.481173	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L 0 µg/L 0 µg/L 0 µg/L 0	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377 .499958 11.6287 0641928 .481173	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610 i 231.604 766.491	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5 3503.2 581.2 44.8 9720.5	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.544278 0.251965 0.812781 7.63377 0.499958 11.6287 0.0641928 0.481173 7.80884	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L 0 µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377 .499958 11.6287 0641928 .481173 7.80884	Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610 i 231.604 766.491 e 196.026	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5 3503.2 581.2 44.8 9720.5 43.8	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.544278 0.251965 0.812781 7.63377 0.499958 11.6287 0.0641928 0.481173 7.80884 2.37648	Units µg/L µg/L µg/L µg/L µg/L µg/L 0 µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377 .499958 11.6287 0641928 .481173 7.80884 2.37648	Units µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610 i 231.604 766.491 e 196.026 g 338.289	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5 3503.2 581.2 44.8 9720.5 43.8 -628.0	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781 7.63377 0.499958 11.6287 0.0641928 0.481173 7.80884 2.37648 1.62504	Units µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377 .499958 11.6287 0641928 .481173 7.80884 2.37648 1.62504	Units µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610 i 231.604 766.491 e 196.026 g 338.289 a 330.237	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5 3503.2 581.2 44.8 9720.5 43.8 -628.0 -45.0	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781 7.63377 0.499958 11.6287 0.0641928 0.481173 7.80884 2.37648 1.62504 1105.57	Units µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377 11.6287 0641928 .481173 7.80884 2.37648 1.62504 1105.57	Units µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610 i 231.604 766.491 e 196.026 g 338.289	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5 3503.2 581.2 43.8 9720.5 43.8 -628.0 -45.0 -43.3	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781 7.63377 0.499958 11.6287 0.0641928 0.481173 7.80884 2.37648 1.62504 1105.57 0.708997	Units µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377 .499958 11.6287 0641928 .481173 7.80884 2.37648 1.62504 1105.57 .708997	Units µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610 i 231.604 766.491 e 196.026 g 338.289 a 330.237	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5 3503.2 581.2 43.8 9720.5 43.8 -628.0 -45.0 -43.3	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781 7.63377 0.499958 11.6287 0.0641928 0.481173 7.80884 2.37648 1.62504 1105.57	Units µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377 11.6287 0641928 .481173 7.80884 2.37648 1.62504 1105.57	Units µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610 i 231.604 766.491 e 196.026 g 338.289 a 330.237 l 190.800 292.402	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5 3503.2 581.2 43.8 9720.5 43.8 -628.0 -45.0 -43.3 -98.8	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781 7.63377 0.499958 11.6287 0.0641928 0.481173 7.80884 2.37648 1.62504 1105.57 0.708997 -0.0214659	Units µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377 .499958 11.6287 0641928 .481173 7.80884 2.37648 1.62504 1105.57 .708997 0214659	Units µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610 i 231.604 766.491 e 196.026 g 338.289 a 330.237 l 190.800 292.402 n 206.200	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5 3503.2 581.2 44.8 9720.5 43.8 -628.0 -45.0 -45.0 -43.3 -98.8 108.5	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781 7.63377 0.499958 11.6287 0.0641928 0.481173 7.80884 2.37648 1.62504 1	Units µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377 .499958 11.6287 0641928 .481173 7.80884 2.37648 1.62504 1105.57 .708997 0214659 .321685	Units µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610 i 231.604 766.491 e 196.026 g 338.289 a 330.237 l 190.800 292.402 n 206.200 a 589.592	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5 3503.2 581.2 44.8 9720.5 43.8 -628.0 -45.0 -43.3 -98.8 108.5 18451.9	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781 7.63377 0.499958 11.6287 0.0641928 0.481173 7.80884 2.37648 1.62504 1105.57 0.708997 -0.0214659 0.321685 187.684	Units µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377 .499958 11.6287 0641928 .481173 7.80884 2.37648 1.62504 1105.57 .708997 0214659 .321685 187.684	Units µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610 i 231.604 766.491 e 196.0266 g 338.289 a 330.237 l 190.800 292.402 n 206.200 a 589.592 o 202.030	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5 3503.2 581.2 44.8 9720.5 43.8 -628.0 -45.0 -43.3 -98.8 108.5 18451.9 12.5	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781 7.63377 0.499958 11.6287 0.0641928 0.481173 7.80884 2.37648 1.62504 1105.57 0.708997 -0.0214659 0.321685 187.684 1.13836	Units µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .544278 .544278 .544278 .1.6287 0641928 .481173 7.80884 2.37648 1.62504 1105.57 .708997 0214659 .321685 187.684 1.13836	Units µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610 i 231.604 766.491 e 196.026 g 338.289 a 330.237 l 190.800 292.402 n 206.200 a 589.592	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5 3503.2 581.2 44.8 9720.5 43.8 -628.0 -45.0 -43.3 -98.8 108.5 18451.9	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781 7.63377 0.499958 11.6287 0.0641928 0.481173 7.80884 2.37648 1.62504 1105.57 0.708997 -0.0214659 0.321685 187.684	Units µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377 .499958 11.6287 0641928 .481173 7.80884 2.37648 1.62504 1105.57 .708997 0214659 .321685 187.684	Units µg/L
360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610 i 231.604 766.491 e 196.026 g 338.289 a 330.237 l 190.800 292.402 n 206.200 a 589.592 o 202.030	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5 3503.2 581.2 44.8 9720.5 43.8 -628.0 -45.0 -43.3 -98.8 108.5 18451.9 12.5	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781 7.63377 0.499958 11.6287 0.0641928 0.481173 7.80884 2.37648 1.62504 1105.57 0.708997 -0.0214659 0.321685 187.684 1.13836	Units µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .544278 .544278 .544278 .1.6287 0641928 .481173 7.80884 2.37648 1.62504 1105.57 .708997 0214659 .321685 187.684 1.13836	Units µg/L
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360.073 c 361.384 l 308.215 b 206.833 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 a 227.547 r 205.560 o 228.616 u 324.754 e 273.955 b 220.353 g 279.079 n 257.610 i 231.604 766.491 e 196.026 g 338.289 a 330.237 l 190.800 292.402 n 206.200 a 589.592 o 202.030 182.527	Intensity 71656.0 302876.0 14850.5 39.7 -8.1 -140.7 204.4 -79.6 10011.3 -120.3 -6.9 34.9 2877.7 753.5 82.5 3503.2 581.2 44.8 9720.5 43.8 -628.0 -45.0 -43.3 -98.8 108.5 18451.9 12.5	Conc. 1.002 0.970 22.7660 5.28168 2.59951 0.325392 0.0324742 0.0926160 805.402 458.998 0.544278 0.251965 0.812781 7.63377 0.499958 11.6287 0.0641928 0.481173 7.80884 2.37648 1.62504 1105.57 0.708997 -0.0214659 0.321685 187.684 1.13836 -0.302877	Units µg/L	Conc. 22.7660 5.28168 2.59951 .325392 0324742 0926160 805.402 458.998 .544278 .251965 .812781 7.63377 .499958 11.6287 0641928 .481173 7.80884 2.37648 1.62504 1105.57 .708997 0214659 .321685 187.684 1.13836 .302877	Units µg/L
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10/2

10/12/04 TCP 3

File Description

Parameters Common To All Samples

Volume Units L * Sample Units µg/L Weight Units µg

Parameters That Vary With All Samples

	A/S Location	Sample ID	Aliquot Volume	Diluted To Vol.
001	24	241274-001D		77.400 77.368 mw2
002	25	241274-002D		77.400
003	26 27	241274-003D 241274-004D		77 744
004 005	28	241274-004D 241274-005D	Rratch #	77368 MW2
005	28	241274-006D	Survey	
007	30	241274-007D		
008	31	241274-008D	74	1774 D
009	32	241274-009D	<i>2</i>	1411-
010	33	241274-010D		1274D As, CV, C4
011	34	241274-011D		15,00,09
012	35	241274-012D NO AS		
013	36	241274-012D MD		
014	37	241274-012D MS 241274-012D SD		
015	38			
016	39	241274-013D		
017 018	40	241274-014D		
019		See Naxt Page		
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File Description

2012

Parameters Common To All Samples

Volume Units	L is	
* Sample Units	µg/L	
Weight Units	μg	

Parameters That Vary With All Samples

	A/S Location	Sample ID	Aliquot Volume	Diluted To Vol.
001	1	blk		Q
002	55	241274-012D	3	9 9
003	56	241274-012D MD	3	9
004	57	241274-012D MS	3 3 3 3	9
005	58	241274-012D SD	3	9
006	59	241274-012		
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050		Pabret		
051		14500	$(x_1, x_2, \dots, x_n) \in [x_1, x_2, \dots, x_n]$	
· - • .				

Calibration Summary Method: As,Cr,Cu				Date: 10/12/04	1 11:00:08 AM
Element	Stds Equation			Curvature	Corr.
Method: As,Cr,Cu Results: 101204	- <u></u>	IEC: 060404.IEC Spectra Stored: Yes		MSF: Method Stored: }	les
ample Info: oct12 Nethod Description:	As,Cr,Cu	User: User1	and the second second	Date: 10/12/04	
				n an	, ang
lean Data D: IS Init		Seq. No.: 1 Data: Original		A/S Pos: 1 Date: 10/12/04	11:01:43 AN
	Mean Corr.				
llement 2 360.073	Intensity 107760.7				
Sc 361.383	500430.9		· · · · · · · · · · · · · · · · · · ·		
lean Data					
D: CALBLK		Seq. No.: 2 Data: Original		A/S Pos: 1 Date: 10/12/04	11:02:21 AM
	Mean Corr.			Calib	
lement	Intensity 108788.3		Conc. 1.010		
360.073 c 361.383	495793.1		0.991		
1 308.215	22272.8			µg/L	
s 188.979	-13.9		0	µg/L	
a 233.527	-164.4			µg/L	
a 430.253	354.4 -16.8			µg/L Ng/I	
r 205.560 to 228.616	-16.8 21.9			µg/L µg/L	
u 324.752	9874.4			hd\T T	
re 273.955	-41.4			µg/L	
1g 279.077 La 227.546	418.8 63.8			µg/L µg/L	
				F-37 —	
lean Data D: CAL-1-A		Seq. No.: 3		A/S Pos: 15	
		Data: Original		Date: 10/12/04	11:06:14 AM
	Mean Corr.			Calib.	
lement	Intensity		Conc.		
360.073	99569.6		0.924		
c 361.383 1 308.215	481726.8 711032.3		0.963 20000		
a 233.527	3228964.3		20000	ug/L	
a 430.253	382436.2		50000	hd\r rai	
r 205.560	45704.7		2000	µg/L	
0 228.616	175388.1		5000		
u 324.752	1199660.9		2500		
re 273.955 1g 279.077	306451.4 1115303.6		10000 50000		
a 227.546	7717.4		50000		
lean Data					
D: K		Seq. No.: 4 Data: Original		A/S Pos: 18 Date: 10/12/04	
	Mean Corr.		·	Calib	
lement	Intensity		Conc.	Units	
360.073	104915.2		0.974		
GC 361.383	488874.9		0.977		
1. ADA 9E0	70857.⊥		10000		
la 430.253	1615 1		10000		
a 227.546	1517.4		10000	µg/L	

	Cu			Page 2		Date: 10/12/04 11:26:09
			Data: Origin	lal		Date: 10/12/04 11:13:39
	ме	an Corr.			Са	 lib
Element		ntensity			Conc. Un	
		106255.7			0.986 µg	
Y 360.073						
Sc 361.383		490319.9			0.980 µg	
As 188.979		1500.7			750 µg	
Calibration Sum Method: As,Cr,C						Date: 10/12/04 11:14:17
Element	Stds	Equation	I	ntercept	Slope	Corr. Curvature Coeff.
Al 308.215	1	Linear		22272.8	34.4	0.00000 1.000000
As 188.979	1	Linear		-13.9	2.0	0.00000 1.000000
Ba 233.527	1	Linear		-164.4	161.5	0.00000 1.000000
		Linear		-2461.6	7.7	0.00000 0.999874
Ca 430.253						
Cr 205.560		Linear			22.9	0.00000 1.000000
Co 228.616	1	Linear		21.9	35.1	0.00000 1.000000
Cu 324.752	1	Linear		9874.4	475.9	0.00000 1.000000
Fe 273.955		Linear			30.6	0.00000 1.000000
	· · · ·	Linear		110 0	20.0	
Mg 279.077	T	ыlnear			22.3	0.00000 1.000000
Ca 227.546		Linear		27.1	0.2	0.00000 0.999946
Mean Data						
ID: ICVM02ISBIC	:VL		Seq. No.: 6	Sample No. 1.0 L	: 3	A/S Pos: 10
Sample Otv:	1.0000 a		Prep. Vol.: Data: Origin	1.0 L		Dilution: 1.0: Date: 10/12/04 11:17:41
	Mean Corr.				Mean	Sample
Element	Intensity		•	Units	Conc.	-
Y 360.073	107107.5			ug/L		
sc 361.383	500959.1	1.001		µg/L µg/L		
Al 308.215	23068.7			µg/L		
As 188.979	1009.3	506.631		µg/L		and the second
Ba 233.527	1718.0	11.6589		µg/L		
Ca 430.253	482.2	383.092		µq/L		
Cr 205.560	13.8	383.092 1.33783		µg/L		
Co 228.616	100.6	2.24577		µg/L		
Cu 324.752	10544.4	1.40780		µg/L		
Fe 273.955	193.1			µg/L		
Mg 279.077	814.5	17.7471		µg/L		
Ca 227.546	66.1	253.664		µg/L	анан сайнаан Алар сайнаан	
Mean Data	· · · · · · · · · · · · · · · · · · ·					
Mean Data ID: ICVM03IRICV	701 1 0000 -		Seq. No.: 7	Sample No.	: 4	A/S Pos: 11 Dilution:
Mean Data ID: ICVM03IRICV Sample Qty:	701 1.0000 g		Seq. No.: 7 Prep. Vol.: Data: Origin	Sample No. 1.0 L al	: 4	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 /
ID: ICVM03IRICV Sample Qty:	701 1.0000 g Mean Corr.	Mean	Seq. No.: 7 Prep. Vol.: Data: Origin	Sample No. 1.0 L al Calib	: 4 Mean	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 A Sample
ID: ICVM03IRICV Sample Qty:	701 1.0000 g Mean Corr.	Mean	Seq. No.: 7 Prep. Vol.: Data: Origin	Sample No. 1.0 L al Calib	: 4 Mean	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 A Sample
ID: ICVM03IRICV Sample Qty: Element	701 1.0000 g Mean Corr. Intensity 105236 4	Mean Conc 0 977	Seq. No.: 7 Prep. Vol.: Data: Origin	Sample No. 1.0 L al Calib	: 4	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 A Sample
ID: ICVM03IRICV Sample Qty: Element	701 1.0000 g Mean Corr. Intensity 105236 4	Mean Conc 0 977	Seq. No.: 7 Prep. Vol.: Data: Origin	Sample No. 1.0 L al Calib Units µg/L	: 4 Mean	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 / Sample Units
ID: ICVM03IRICV Sample Qty: Element	701 1.0000 g Mean Corr. Intensity 105236 4	Mean Conc 0 977	Seq. No.: 7 Prep. Vol.: Data: Origin	Sample No. 1.0 L al Calib Units µg/L µg/L	: 4 Mean	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 / Sample Units
ID: ICVM03IRICV Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215	701 1.0000 g Mean Corr. Intensity 105236.4 498252.7 184152.4	Mean Conc 0.977 0.996 4698.66	Seq. No.: 7 Prep. Vol.: Data: Origin 	Sample No. 1.0 L al Calib Units µg/L µg/L µg/L	: 4 Mean	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 / Sample Units
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ID: ICVM03IRICV Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253	701 1.0000 g Mean Corr. Intensity 105236.4 498252.7 184152.4 -11.2 847558.3 88533.4	Mean Conc 0.977 0.996 4698.66 -0.233105 5250.47 11837.7	Seq. No.: 7 Prep. Vol.: Data: Origin	Sample No. 1.0 L al Calib Units µg/L µg/L µg/L µg/L	: 4 Mean	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 / Sample Units
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ID: ICVM03IRICV Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253	701 1.0000 g Mean Corr. Intensity 105236.4 498252.7 184152.4 -11.2 847558.3 88533.4	Mean Conc 0.977 0.996 4698.66 -0.233105 5250.47 11837.7	Seq. No.: 7 Prep. Vol.: Data: Origin	Sample No. 1.0 L al Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	: 4 Mean	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 / Sample Units
ID: ICVM03IRICV Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253	701 1.0000 g Mean Corr. Intensity 105236.4 498252.7 184152.4 -11.2 847558.3 88533.4	Mean Conc 0.977 0.996 4698.66 -0.233105 5250.47 11837.7	Seq. No.: 7 Prep. Vol.: Data: Origin	Sample No. 1.0 L al Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	: 4 Mean	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 / Sample Units
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ID: ICVM03IRICV Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253	701 1.0000 g Mean Corr. Intensity 105236.4 498252.7 184152.4 -11.2 847558.3 88533.4	Mean Conc 0.977 0.996 4698.66 -0.233105 5250.47 11837.7	Seq. No.: 7 Prep. Vol.: Data: Origin	Sample No. 1.0 L al Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	: 4 Mean	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 / Sample Units
ID: ICVM03IRICV Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077	701 1.0000 g Mean Corr. Intensity 105236.4 498252.7 184152.4 -11.2 847558.3 88533.4 11415.0 44240.8 293917.0 75946.4 277138.4	Mean Conc 0.977 0.996 4698.66 -0.233105 5250.47 11837.7 500.062 1260.76 596.835 2479.27 12410.2	Seq. No.: 7 Prep. Vol.: Data: Origin	Sample No. 1.0 L al Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	: 4 Mean	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 / Sample Units
ID: ICVM03IRICV Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546	701 1.0000 g Mean Corr. Intensity 105236.4 498252.7 184152.4 -11.2 847558.3 88533.4 11415.0 44240.8 293917.0 75946.4 277138.4 1851.8	Mean Conc 0.977 0.996 4698.66 -0.233105 5250.47 11837.7 500.062 1260.76 596.835 2479.27 12410.2 11742.9	Seq. No.: 7 Prep. Vol.: Data: Origin	Sample No. 1.0 L al Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	: 4 Mean Conc.	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 Sample Units
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ID: ICVM03IRICV Sample Qty: Element Y 360.073 Sc 361.383 AL 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: ICB Sample Oty:	701 1.0000 g Mean Corr. Intensity 105236.4 498252.7 184152.4 -11.2 847558.3 88533.4 11415.0 44240.8 293917.0 75946.4 277138.4 1851.8	Mean Conc 0.977 0.996 4698.66 -0.233105 5250.47 11837.7 500.062 1260.76 596.835 2479.27 12410.2 11742.9	Seq. No.: 7 Prep. Vol.: Data: Origin 	Sample No. 1.0 L al Calib Units µg/L	: 4 Mean Conc.	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 2 Sample Units A/S Pos: 1 Dilution: 1.0:
ID: ICVM03IRICV Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: ICB Sample Qty:	701 1.0000 g Mean Corr. Intensity 105236.4 498252.7 184152.4 -11.2 847558.3 88533.4 11415.0 44240.8 293917.0 75946.4 277138.4 1851.8 1.0000 g	Mean Conc 0.977 0.996 4698.66 -0.233105 5250.47 11837.7 500.062 1260.76 596.835 2479.27 12410.2 11742.9	Seq. No.: 7 Prep. Vol.: Data: Origin Seq. No.: 8 Prep. Vol.: Data: Origin	Sample No. 1.0 L al Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg	: 4 Mean Conc.	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 7 Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 11:25:42 7
ID: ICVM03IRICV Sample Qty: Element Y 360.073 Sc 361.383 AL 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: ICB Sample Oty:	701 1.0000 g Mean Corr. Intensity 105236.4 498252.7 184152.4 -11.2 847558.3 88533.4 11415.0 44240.8 293917.0 75946.4 277138.4 1851.8 1.0000 g	Mean Conc 0.977 0.996 4698.66 -0.233105 5250.47 11837.7 500.062 1260.76 596.835 2479.27 12410.2 11742.9	Seq. No.: 7 Prep. Vol.: Data: Origin Seq. No.: 8 Prep. Vol.: Data: Origin	Sample No. 1.0 L al Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg	: 4 Mean Conc. : 5 Mean	A/S Pos: 11 Dilution: 1.0: Date: 10/12/04 11:21:41 2 Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 11:25:42 2

Method: As, Cr, Cu Page 3 Date: $10/12/04$ 11:44:07 Sc 361.383 491366.3 0.902 µg/L	
Al 308.215 22637.7 10.5312 μg/L Ba 233.527 1992.0 13.3555 μg/L Ba 233.527 1992.0 13.3555 μg/L Ca 430.253 573.2 394.856 μg/L Ca 430.255 573.2 394.856 μg/L Ca 242.752 10666.1 1.65344 μg/L Ca 227.546 65.6 275.814 μg/L Mg 279.077 1167.5 31.5787 μg/L Ca 227.546 65.6 276.814 μg/L DD: CRINOTORENO1 Seq. No.: 9 Sample No.: 6 A/S Pos: 12 Data Data: Oxiginal Date: 10/12/04 11:29.41 Mean Corr. Mean Sample Sample No.: 6 A/S Pos: 12 Distromotion Seq. No.: 9 Sample No.: 6 M/S Pos: 10/12/04 11:29.41 Mean Corr. Mean Sample No.: 7 M/S Pos: 10/12/04 11:29.41 Mean Corr. Mean Sample No.: 7 M/S Pos: 5 Sample No.: 7 N/S Pos: 5 Sample No.: 7 N/S Pos: 5 <td cols<="" th=""></td>	
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Cc 228.616 141.0 3.39683 µg/L Cc 324.752 10666.1 1.63344 µg/L Fc 273.955 203.4 7.98966 µg/L Mean Data	
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Mg 279.077 1167.5 33.5787 µg/L Ca 227.546 69.6 276.384 µg/L Mean Data	
Mean Data TD: CRIM03TCR1001 Sample Cty: 1.0000 g Seq. No.: 9 Sample No.: 6 A/S Pos: 12 Sample Cty: 1.0000 g Prep. Vol.: 1.0 L Dalution: 1.0: Data: Original Date: 10/12/04 11:29:41 Mean Corr. Mean Callb Mean Sample Date: 10/12/04 11:29:41 Mean Corr. Mean Call Mean Sample Date: 10/12/04 11:29:41 Sc 361.383 495249.5 0.990 µg/L As 186.979 25.3 19.4934 µg/L As 186.979 25.3 19.4934 µg/L Ca 430.253 326.0 362.787 µg/L Ca 228.616 3835.0 108.749 µg/L Ca 227.546 65.7 236.896 µg/L Mg 279.077 595.5 7.92638 µg/L Dilution: 1.0: Dilution: 1.0: Mean Data	
Mean Data TD: CRIM03TCR1001 Sample Cty: 1.0000 g Seq. No.: 9 Sample No.: 6 A/S Pos: 12 Sample Cty: 1.0000 g Prep. Vol.: 1.0 L Dalution: 1.0: Data: Original Date: 10/12/04 11:29:41 Mean Corr. Mean Callb Mean Sample Date: 10/12/04 11:29:41 Mean Corr. Mean Call Mean Sample Date: 10/12/04 11:29:41 Sc 361.383 495249.5 0.990 µg/L As 186.979 25.3 19.4934 µg/L As 186.979 25.3 19.4934 µg/L Ca 430.253 326.0 362.787 µg/L Ca 228.616 3835.0 108.749 µg/L Ca 227.546 65.7 236.896 µg/L Mg 279.077 595.5 7.92638 µg/L Dilution: 1.0: Dilution: 1.0: Mean Data	
ID: CRIM03ICRI001 Seq. No.: 9 Sample No.: 6 A/S Pos: 12 Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: Data: Original Dilution: 1.0: Date: 10/12/04 11:29:41 Mean Corr. Mean Canc. Units Conc. Units Conc. Units Sc 361.383 495249.5 0.990 µg/L As Nample No.: Mean Sample No.: Mean Sample No.: Units Units Value Value <t< td=""></t<>	
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Co 228.616 139.6 3.35739 µg/L Cu 324.752 8651.7 -2.56909 µg/L Fe 273.955 5748114.2 187546 µg/L Mg 279.077 11178286.5 501301 µg/L ca 227.546 83600.0 546844 µg/L Mean Data	
Cu 324.752 8651.7 -2.56909 µg/L Fe 273.955 5748114.2 187546 µg/L Mg 279.077 11178286.5 501301 µg/L Ca 227.546 83600.0 546844 µg/L Mean Data	
Fe 273.955 5748114.2 187546 µg/L Mg 279.077 11178286.5 501301 µg/L ca 227.546 83600.0 546844 µg/L Mean Data	
Mg 279.077 11178286.5 501301 µg/L Ca 227.546 83600.0 546844 µg/L Mean Data	
Ca 227.546 83600.0 546844 µg/L Mean Data	
Mean Data	
ID: ISBM03ISR002 Seq. No.: 11 Sample No.: 9 A/S Pos: 7	
ID: ISBMUJISKUUZ Seq. No.: II Sample No.: Y A/S Pos: /	
Data: Original Date: 10/12/04 11:38:58	
Data: Original Date: 10/12/04 11:38:58	
Mean Corr.MeanCalibMeanSampleElementIntensityConc.UnitsConc.Units	
¥ 360.073 90262.7 0.838 μg/L Sc 361.383 431177.6 0.862 μg/L	
Al 308.215 17957417.2 520702 μ g/L	
As 188.979 163.8 96.8168 µg/L	
Ba 233.527 87873.6 545.274 µg/L	
Ca 430.253 4334260.4 563879 µg/L	
Cr 205.560 11598.0 508.066 $\mu g/L$	
Co 228.616 17116.0 487.383 µg/L Cu 324.752 271475.7 549.681 µg/L Dr 373.055 5955(03.0) 101036 µg/L	
Cu 324.752 271475.7 549.681 µg/L Fe 273.955 5855082.0 191036 µg/L	
a contraction contraction for the test of test	
Mg 279.077 11350574.3 509028 ug/L	
Fe 273.955 5855082.0 191036 µg/L Mg 279.077 11350574.3 509028 µg/L Ca 227.546 84805.9 554680 µg/L	

Method: As, Cr,	,Cu		Page	4		Date: 10/12/04	11:56:08 AM
ID: CCVM03IRCC Sample Qty:	CV02 1.0000 g	Sec Pre Dat	q. No.: 12 ep. Vol.: ca: Original	Sample No.: 1.0 L	12	A/S Pos: 2 Dilution: Date: 10/12/04	1.0: 1.0 11:43:32 AM
	Mean Corr.	Mean	Ca	Lib	Mean	Sampl	e
Element	Intensity 102685.0	Conc.	Un: μg,	Lts	Conc.	Units	
Y 360.073	102685.0	0.953	μg,	L /T			
Sc 361.383	102835.0 482110.0 411277.0	0.963	μg,				
AL 308.215	oper limit for	11291.5 1 200 215	μg,		n = Cont	2110	
Ac 188 979	-17.0	-4 56741			n = conc.	liiue	
Ba 233.527		10452.2	μg, μg,	/L			
Ca 430.253	195204.3	25713.6					
Cr 205.560	195204.3 23247.1	1017.63	μg,	'L			
Co 228.616	88171.6 593478.4	2513.30	μg,				
Cu 324.752	593478.4	1226.28	μg,				
Fe 273.955	172800.1	5639.34	μg		- Canta		
*QC exceeds up	oper limit for 591971.5	re 2/3.955	Recovery = 1.	L2./98 ACULO /τ	n = Cont	Inue	
Mg 279.077	3985.6	25509.2	μς,	ш /т,			
Mean Data							
ID: CCVM02ISBC	CCV1 1.0000 g	Sec	4. No.: 13	Sample No.:	13	A/S Pos: 3	10. 10
sample Qty:	T.0000 d	Pre	ep. vol.:	1.0 L		Dilution: Date: 10/12/04	1.U: 1.U 1.1.Δ.7.Δ.1 λ.M
		Dal					
	Mean Corr.	Mean	Cal	Lib	Mean	Sampl	e
Element	Intensity	Conc.	Uni	lts	Conc.	Units	
¥ 360.073	105766.1 491316.3	0.981	μg,				
Sc 361.383	491316.3	0.982	μg,				
Al 308.215	49131013 48768.0 1999.1 3403.8	769.179	hd				
As 188.979	1999.1	996./86	μgγ				
Ba 233.527 Ca 430.253	5949.6	1093.90	μg, μg,				
	47.0		μg, μg,				
Co 228.616	200.0	5.07918	μg				
Cu 324.752	11458.4	3.32836	ua				•
Fe 273.955	10787.9 20244.8	353.331	μg				
Fe 273.955 Mg 279.077	20244.8	889.153					
Ca 227.546	182.7	1017.54	μg,	Γ,			
Mean Data							
ID: CCB		Sec	1. No.: 14	Sample No.:	14	A/S Pos: 1	
Sample Qty:	1.0000 g		ep. Vol.:				1.0: 1.0
		Dat	a: Original			Date: 10/12/04	11:51:41 AM
	Mean Corr.	Mean	Ca]	ib	Mean	Sampl	۵ ۵
Element	Intensity	Conc.	Uni		Conc.	Units	
¥ 360.073	106898.8	0.992	μg				
Sc 361.383		0.974	μg,				
Al 308.215	38190.8	462.090	μg,				
As 188.979	-9.2	2.32794	μg/				
Ba 233.527	1583.0	10.8227	hd.				
Ca 430.253 Cr 205.560	3798.2 16.3	814.214	μgγ				
Cc 228.616	122.7	1.44801 2.87594	ከd\ ከd\				
Cu 324.752	10698.0	1.73057	μαλ μαλ				
Fe 273.955	6066.6	199.288	µg/				
Mg 279.077	12456.4	539.858	μg/				
Ca 227.546	138.8	730.121	hdv	L L			
Monie				1			
Mean Data ID: 241274-001			[. No.: 15	Sample No ·	1	A/S Pos: 24	
Sample Qty:		Pre	ep. Vol.:	1.0 L		Dilution:	1.0: 1.0
- ⁻ ⁻		Dat	a: Original			Date: 10/12/04	
Flanent	Mean Corr. Intensity	Mean	Cal Uni	10	Mean Conc.	Sampl	
Element Y 360.073	105706.3	Conc. 0.981	μq/		conc.	UNITES	
sc 361.383	471694.7	0.981	μg/ μg/				
Al 308.215		315.729	μg/ μg/		15.729	µg/L	
As 188.979	-15.0	0.588641	µg/		588641	µg/L	
Ba 233.527	3131.7	20.4148	μg		0.4148	µg/L	

Method: As,Cr,C	19		Page 5		Date: 10/12/04	12:12:53 PM
Method. AS, CL, C			raye 5		Date: 10/12/01	FM
Ca 430.253	461147.4		µg/L	60335.0	µg/L	
Cr 205.560	35.8	2.29744	µg/L	2.29744	μg/L	
a- 200 616	101 6	4.63902	hd\r hd\r	4.63902	µg/L	
Cu 324.752	184.6 11082.5 3431.4 145382.6 0474.0	2.53843	µg/L	2.53843	µg/L	
Fe 273.955	3431.4	113.309	µg/L	113.309	µg/L	
Mg 279.077	145382.6	6501.29	µg/L	6501.29	µg/L	
Ca 227.546	9474.0	61495.9	µg/L	61495.9	µg/L	
Mean Data						
TT. 041074.0000	· · ·		No.: 16 Sample	No.: 2	A/S Pos: 25	
Sample Qty:	1.0000 L	Prep.	Vol.: 1.0	L	Dilution:	1.0: 1.0
		Data:	Vol.: 16 Sample Vol.: 1.0 Original		Date: 10/12/04	11:59:49 AM
	Mean Corr.	Mean	Calib	Mean	Sampl	e
Element	Intensity	Conc.	Units	Conc.	Units	
Y 360.073	105134.7	0.976	µg/L			
Sc 361.383	478775.4		µg/L			
Al 308.215	29600.7	196.722	µg/L	196.722	µg/L	
As 188.979	-14.9	1.31984	µg/L	1.31984	µg/L	
Ba 233.527	3869.7	24.9852	µg/L µg/L	24.9852	µg/L	
Ca 430.253	745538 8	97346 6	μα/T.	97346.6		
Cr 205.560	10 0	97346.6 1.60018	µg/L µg/L	1.60018	μg/L	
Co 220 616	158.2	J 80%42	μγ/μ			• •
Co 228.616	158.2 10496.2	3.88663 1.30648	μg/L μg/L	3.88663	µg/L vg/T	
Cu 324.752	10496.2	1.30648	hd/r	1.30648	μg/L μg/L μg/L	
Fe 273.955	2134.6 376025.5	/0.99/3	μg/L μg/L	70.9973	hd\T	1 () () () () () () () () () (
Mg 279.077	376025.5	16845.1	µg/L	16845.1	μg/L	
Ca 227.546	15327.3	99597.1	µg/L	99597.1	µg/L	
Mean Data		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1				
Mean Data ID: 241274-003D		- مى مەلىيە م 19 مەلىيە مەل		No · ?	2/4 Doe: 96	
	1 0000 +	seq. 1	No.: 17 Sample Vol.: 1.0 Original	TAO'' 2	A/B FUS: 20 Dilution	1 0
Sample Qty:	1.0000 L	Prep.		u.	Diffucton. Deter $10/10/04$	12.04.02 DM
		Dala:	Original	· · · · · · · · · · · · · · · · · · ·	Date: 10/12/04	12.04:02 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
Element	Intensity		Units	Conc.	Units	-
				conc.	0111 2.5	
Y 360.073	106167.9	0.985	µg/L			
Sc 361.383	4/8633.6	0.956 135.842	µg/L	105 040		
Al 308.215	27385.6	135.842		135.842		
As 188.979	-17.6 1174.9	-0.3/3821	µg/L	-0.373821	hd\T	
Ba 233.527	1174.9	8.29464	µg/L	8.29464	µg/L	
Ca 430.253	585371.5	76502.0	µg/L	76502.0	µg/L	
Cr 205.560	18.0	1.51854	µg/L	1.51854	µg/L	
Co 228.616	131.8	3.13537	µg/L	3.13537	μg/L	
Cu 324.752		1.29844	µg/L	1.29844	µg/L	
Fe 273.955	1359.8	45.7172	µg/L	45.7172	µg/L	
Mg 279.077	141811.4	6341.13	μg/L μg/L	6341.13	uq/L	
Mg 279.077 Ca 227.546	12052.6	78280.0	µg/L	78280.0	µg/L	
Mean Data						
ID: 241274-004D	and the second second	Seq. 1	No.: 18 Sample Vol.: 1.0 Original	No.: 4	A/S Pos: 27	A State of the second se
Sample Qty:	1.0000 L	Prep.	Vol.: 1.0	L	Dilution:	1.0: 1.0
		Data:	Original	$(1,1,2,\dots,n) \in \mathbb{R}^{n}$	Date: 10/12/04	12:08:17 PM
		M			e	
El company to	Mean Corr.	Mean	Calib	Mean		5
DIEMENU	Incensity	o ono	UNITS		Units	
I 360.073	99107.4	0.920	hđ\T			
Element Y 360.073 Sc 361.383 Al 308.215	449134.3	0.89/	Units µg/L µg/L µg/L	144.909		
A1 308.215	27627.3	144.909	µg/L		μς/Γ	
	- 8.8		µg/L µg/L	-1.21658	µg/L	
As 188,979		28.5007	µg/L	28.5007	μg/L	
As 188,979	4437.3			64071.6	µg/L	
As 188,979	4437.3 489857.5	64071.6	µq/L			
As 188.979 Ba 233.527 Ca 430.253 Cr 205.560	4437.3 489857.5 68.9	64071.6	µq/L	3.74505	µg/L	
As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616	68.9	64071.6 3.74505 2.66017	µq/L	3.74505	μg/L μg/L	
As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616	68.9	64071.6 3.74505 2.66017	µq/L	3.74505 2.66017	μg/L μg/L	
As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616	68.9	64071.6 3.74505 2.66017	μg/L μg/L μg/L μg/L μg/L	3.74505 2.66017	µg/L µg/L µg/L µg/L	
As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616	68.9	64071.6 3.74505 2.66017	μg/L μg/L μg/L μg/L μg/L	3.74505 2.66017 2.37522 30.9983	μg/L	
As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616	68.9	64071.6 3.74505 2.66017	μg/L μg/L μg/L μg/L μg/L	3.74505 2.66017 2.37522 30.9983	μg/L	
As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546	68.9 115.2 11004.8 908.6 209374.6 9955.2	64071.6 3.74505 2.66017 2.37522 30.9983 9371.18 64627.1	µg/L µg/L µg/L µg/L µg/L µg/L µg/L	3.74505 2.66017 2.37522 30.9983 9371.18 64627.1	μg/L μg/L μg/L	
As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546	68.9 115.2 11004.8 908.6 209374.6 9955.2	64071.6 3.74505 2.66017 2.37522 30.9983 9371.18 64627.1	µg/L µg/L µg/L µg/L µg/L µg/L µg/L	3.74505 2.66017 2.37522 30.9983 9371.18 64627.1	μg/L μg/L μg/L	
As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	68.9 115.2 11004.8 908.6 209374.6 9955.2	64071.6 3.74505 2.66017 2.37522 30.9983 9371.18 64627.1	µg/L µg/L µg/L µg/L µg/L µg/L µg/L	3.74505 2.66017 2.37522 30.9983 9371.18 64627.1	µg/L µg/L µg/L µg/L	
As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	68.9 115.2 11004.8 908.6 209374.6 9955.2	64071.6 3.74505 2.66017 2.37522 30.9983 9371.18 64627.1	µg/L µg/L µg/L µg/L µg/L µg/L µg/L	3.74505 2.66017 2.37522 30.9983 9371.18 64627.1	µg/L µg/L µg/L µg/L	
As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	68.9 115.2 11004.8 908.6 209374.6 9955.2	64071.6 3.74505 2.66017 2.37522 30.9983 9371.18 64627.1	µg/L µg/L µg/L µg/L µg/L µg/L µg/L	3.74505 2.66017 2.37522 30.9983 9371.18 64627.1	µg/L µg/L µg/L µg/L	

Method: As,Cr,Cu	Page 6	Date: 10/12/04 12:25:02 PM
Al 308.21525931.7As 188.979-13.4Ba 233.5271116.3Ca 430.253365134.0Cr 205.5606.1Co 228.616139.9Cu 324.75210640.7Fe 273.955661.1Mg 279.077113783.0Ca 227.5467653.7	Conc.UnitsConc.0.969µg/L0.922µg/L98.3521µg/L98.3521µg/L1.16825µg/L7.93172µg/L7.93172µg/L47839.8µg/L0.998786µg/L3.36542µg/L1.61025µg/L2.9227µg/L2084.12µg/L	Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Mean Data ID: 241274-006D Sample Qty: 1.0000 L	Seq. No.: 20 Sample No.: 6 Prep. Vol.: 1.0 L Data: Original	A/S Pos: 29 Dilution: 1.0: 1.0 Date: 10/12/04 12:16:28 PM
Mean Corr.ElementIntensityY 360.073106512.6Sc 361.383472382.4Al 308.21525321.9As 188.979-19.8Ba 233.5271625.2Ca 430.253415597.3Cr 205.5602353.2Co 228.616111.2Cu 324.75210600.1Fe 273.955477.2Mg 279.077161232.3Ca 227.5468642.9	MeanCalibMeanConc.UnitsConc.0.988µg/L0.944µg/L79.5623µg/L79.5623-1.90702µg/L-1.9070211.0839µg/L11.083954407.2µg/L54407.2103.671µg/L103.6712.54720µg/L2.547201.52489µg/L1.5248916.9215µg/L16.9215	Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Mean Data ID: 241274-007D Sample Qty: 1.0000 L	Seq. No.: 21 Sample No.: 7 Prep. Vol.: 1.0 L Data: Original	
Mean Corr.ElementIntensityY 360.073106385.0Sc 361.383468690.8Al 308.21524832.8	Mean Calib Mean	Sample
Mean Data ID: 241274-008D Sample Qty: 1.0000 L	Seq. No.: 22 Sample No.: 8 Prep. Vol.: 1.0 L Data: Original	A/S Pos: 31 Dilution: 1.0: 1.0 Date: 10/12/04 12:24:34 PM
Mean Corr.ElementIntensityY 360.073103869.8Sc 361.383460961.6Al 308.21524939.9As 188.979-17.0Ba 233.5271484.5Ca 430.253424520.5Cr 205.5602422.6Co 228.61692.4Cu 324.75210649.8Fe 273.955231.8Mg 279.077163763.3	Mean Calib Mean Conc. Units Conc. 0.964 µg/L 0.921 0.921 µg/L 68.2769	Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L

C	0000 0	E7106 0	j~	E710C 0		
Ca 227.546	8802.9	5/126.0	µд/Г	57126.0	µg/L	
Mean Data				ample No · 9	7/C Dog . 32	
ID: 2412/4-005 Sample Oty:	על 1 חחחח ד.	50 70	4. NO 25 5	1 D T.	Dilution	1.0: 1.
ращрте бсу.	T.0000 II	Da	ta: Original	т.о т	A/S Pos: 32 Dilution: Date: 10/12/04	12:28:37 PM
				M	Come 1	
Flemont	Mean Corr.		Units		Sampl. Units	
Element Y 360.073	107794 2	1 000	μg/L	Conc.	0111 C.5	
Sc 361.383	494280.3	0.988	ug/L			
Al 308.215	126901.9	3031.91	hd/r	3031.91	µg/L	
As 188.979	3869.8	1923.85	µg/L	1923.85	µg/L	
Ba 233.527	248.4	2.55644	µg/L	2.55644	µg/L	
Ca 430.253	290190.9	38083.6	µg/L	38083.6	µg/L	
Cr 205.560	20774.4	909.472	μg/L	909.472	μg/L	
Co 228.616	94.7	2.07702	µg/L	2.07702	µg/L	•
Cu 324.752	10534.9	1.38780	hd/T	1.38780	μg/L	
Fe 273.955	121.9	5.32849	µg/L	5.32849	µg/L	
Mg 2/9.0//	145691.0	6515.12	hā\r	6515.12	hd/T	
Ca 227.546	6052.7	39223.8	hд\т	3031.91 1923.85 2.55644 38083.6 909.472 2.07702 1.38780 5.32849 6515.12 39223.8	⊥/gµ	
Mean Data					λ/C Dep. 22	
ID: 2412/4-010	1 οροό τ	Se	q. No.: 24 S	ample No.: 10	A/S POS: 33	1 0 •
sampre Qcy.	T.0000 T	Da	ta: Original	т. О Т	Dilution: Date: 10/12/04	12:32:47 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
Element Y 360.073	Intensity	Conc.	Units µg/L	Conc.	Units	
Y 360.073	116952.2	1.085	µg/L			
Sc 361.383	467932.5	0.935	µg/L µg/L µg/L µg/L µg/L µg/L			
Al 308.215	24484.1	50.3214	µg/L	50.3214	µg/L	
As 188.979	6.9	11.9026	µg/L	11.9026	uq/L	
Ba 233.527	3424.5	22.2283	μg/L μg/L	22.2283 84182.7	µg/L µg/L	
Ca 430.253	644388.2	84182.7	µg/L	84182.7	µg/L	
Cr 205.560 Co 228.616	582.4	26.2087	µg/L	26.2087 3.08119	µg/L	
C0 220.010	10448 2	3.00119 1 20564	μg/L vg/L	3.00119	µg/L	
Cu 324.732 Fa 273 055	20440.2	2 15197	μg/L vg/T	2 15 197	µg/L µg/L	
Mr 279 077	207397 6	9282 52	µg/ ⊔ µg/ I.	9282 52	μg/L μg/L	
Ca 227.546	13300.6	86403.6	µg/L	3.08119 1.20564 2.15197 9282.52 86403.6	μg/L	· · · ·
More Deta						
ID: CCVM03IRCC	5.7% C	Se	q. No.: 25 Sa	ample No.: 12	A/S Pos: 2	
Contract - Cht	V0Z				The Theater of the second	1 0 .
Sample Qty:	V02 1.0000 g	Pr Da	ep. Vol.: ta: Original	1.0	Dilution: Date: 10/12/04	1.0: 1.0 12:37:03 PM
Sample Qty:					Date. 10/12/04	12.37.03 EM
Sample Qty: 	Mean Corr.	 Mean	ep. Vol.: ta: Original Calib Units	Mean	Dilution: Date: 10/12/04 Sample Units	12.37.03 FM
	Mean Corr.		ca. Oliginai Calib	Mean	Sample	12.37.03 FM
Element	Mean Corr. Intensity	Mean Conc.	Calib Units	Mean	Sample	12.37.03 FM
Element Y 360.073	Mean Corr. Intensity 101549.5	Mean Conc. 0.942	Calib Units µg/L	Mean	Sample	12.37.03 FM
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0	Mean Conc. 0.942 0.966	Calib Units µg/L µg/L	Mean	Sample	12.37.03 FM
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0 1655542.9	Mean Conc. 0.942 0.966 9571.84 -1.10530 10254.8	Calib Units µg/L µg/L µg/L µg/L µg/L	Mean	Sample	12.37.03 FM
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0 1655542.9 178045.7	Mean Conc. 0.942 0.966 9571.84 -1.10530 10254.8 23482.3	Calib Units µg/L µg/L µg/L µg/L µg/L	Mean	Sample	12.37.03 FM
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0 1655542.9 178045.7 22797.7	Mean Conc. 0.942 0.966 9571.84 -1.10530 10254.8 23482.3 997.978	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	12.37.03 FM
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0 1655542.9 178045.7 22797.7 85896.3	Mean Conc. 0.942 0.966 9571.84 -1.10530 10254.8 23482.3 997.978 2448.43	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	12.37.03 FM
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0 1655542.9 178045.7 22797.7 85896.3 569577.9	Mean Conc. 0.942 0.966 9571.84 -1.10530 10254.8 23482.3 997.978 2448.43 1176.06	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	12.37.03 FM
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0 1655542.9 178045.7 22797.7 85896.3 569577.9 150730.4	Mean Conc. 0.942 0.966 9571.84 -1.10530 10254.8 23482.3 997.978 2448.43 1176.06 4919.26	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	12.37.03 EM
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0 1655542.9 178045.7 22797.7 85896.3 569577.9 150730.4 555573.1	Mean Conc. 0.942 0.966 9571.84 -1.10530 10254.8 23482.3 997.978 2448.43 1176.06	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	12.37.03 FM
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0 1655542.9 178045.7 22797.7 85896.3 569577.9 150730.4 555573.1 3686.1	Mean Conc. 0.942 0.966 9571.84 -1.10530 10254.8 23482.3 997.978 2448.43 1176.06 4919.26 24897.4	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	12.37.03 FM
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCVM02ISBC	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0 1655542.9 178045.7 22797.7 85896.3 569577.9 150730.4 555573.1 3686.1	Mean Conc. 0.942 0.966 9571.84 -1.10530 10254.8 23482.3 997.978 2448.43 1176.06 4919.26 24897.4 23557.3	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean Conc.	A/S Pos: 3	
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCVM02ISBC	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0 1655542.9 178045.7 22797.7 85896.3 569577.9 150730.4 555573.1 3686.1	Mean Conc. 0.942 0.966 9571.84 -1.10530 10254.8 23482.3 997.978 2448.43 1176.06 4919.26 24897.4 23557.3 See Pre	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean Conc. ample No.: 13 1.0 L	A/S Pos: 3 Dilution: Date: 10/12/04	1.0: 1.0 12:41:11 PM
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCVM02ISBC	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0 1655542.9 178045.7 22797.7 85896.3 569577.9 150730.4 555573.1 3686.1	Mean Conc. 0.942 0.966 9571.84 -1.10530 10254.8 23482.3 997.978 2448.43 1176.06 4919.26 24897.4 23557.3 See Pro	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean Conc. ample No.: 13 1.0 L	A/S Pos: 3 Dilution: Date: 10/12/04	1.0: 1.0 12:41:11 PM
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCVM02ISBC Sample Qty:	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0 1655542.9 178045.7 22797.7 85896.3 569577.9 150730.4 555573.1 3686.1 CV1 1.0000 g Mean Corr.	Mean Conc. 0.942 0.966 9571.84 -1.10530 10254.8 23482.3 997.978 2448.43 1176.06 4919.26 24897.4 23557.3 See Pre Dat	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean Conc. ample No.: 13 1.0 L Mean	A/S Pos: 3 Dilution: Date: 10/12/04 Sample	1.0: 1.0 12:41:11 PM
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCVM02ISBC Sample Qty: Element	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0 1655542.9 178045.7 22797.7 85896.3 569577.9 150730.4 555573.1 3686.1 CV1 1.0000 g Mean Corr. Intensity	Mean Conc. 0.942 0.966 9571.84 -1.10530 10254.8 23482.3 997.978 2448.43 1176.06 4919.26 24897.4 23557.3 See Pro Dat	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean Conc. ample No.: 13 1.0 L	A/S Pos: 3 Dilution: Date: 10/12/04	1.0: 1.0 12:41:11 PM
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCVM02ISBC Sample Qty:	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0 1655542.9 178045.7 22797.7 85896.3 569577.9 150730.4 555573.1 3686.1 CV1 1.0000 g Mean Corr. Intensity 106081.4	Mean Conc. 0.942 0.966 9571.84 -1.10530 10254.8 23482.3 997.978 2448.43 1176.06 4919.26 24897.4 23557.3 See Pre Dat	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean Conc. ample No.: 13 1.0 L Mean	A/S Pos: 3 Dilution: Date: 10/12/04 Sample	1.0: 1.0 12:41:11 PM
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCVM02ISBC Sample Qty: Element Y 360.073	Mean Corr. Intensity 101549.5 483622.4 352041.1 -10.0 1655542.9 178045.7 22797.7 85896.3 569577.9 150730.4 555573.1 3686.1 CV1 1.0000 g Mean Corr. Intensity 106081.4 498533.2	Mean Conc. 0.942 0.966 9571.84 -1.10530 10254.8 23482.3 997.978 2448.43 1176.06 4919.26 24897.4 23557.3 See Pro Dat	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean Conc. ample No.: 13 1.0 L Mean	A/S Pos: 3 Dilution: Date: 10/12/04 Sample	1.0: 1.0 12:41:11 PM

Method: As,Cr,C	2u		Page 8		Date: 10/12/04	12:57:54 PM
Ba 233.527	3457.9	22.4350	µg/L			
Ca 430.253	1433.2	506.840	µg/L			
Cr 205.560 Co 228.616	57.6 189.4	3.25364 4.77746	μg/L μg/L			
Cu 324.752		2.43488	µg/L			
Fe 273.955	640.5	22.2490	µg/L			
Mg 279.077 Ca 227.546	1950.8 87.4	68.7095 392.170	µg∕L µg∕L			
Mean Data ID: CCB		Seq. No.: 2			A/C Doc. 1	
Sample Qty:	1.0000 g	Prep. Vol.	: 1	0 T.	Dilution:	1.0: 1.0
	·	Prep. Vol. Data: Orig:	inal 		Date: 10/12/04	12:45:11 PM
Element	Mean Corr. Intensity	Mean	Calib Units	Mean Conc.	Sample Units	2
Y 360.073	107791.9	1 000	ug/L	conc.	0111 0,5	
Sc 361.383	488134.8	0.975	µg/L			
Al 308.215	23132.8 -4.5	24.8971 4.63160	µg/L			
As 188.979 Ba 233.527		9.00130	μg/L μg/L			
Ca 430.253	1047.5	456.664	µg/L			
Cr 205.560	18.3	1.53355	µg/L			
Co 228.616 Cu 324.752	99.9 10413.4	2.22393 1.13253	μg/L μg/L			
Fe 273.955	200.7 1148.8	7.90191	µg/L			
Mg 279.077 Ca 227.546	1148.8 73.7	32.7380	µg/L			
Ca 227.540	13.1	503.190	µg/L			
Mean Data ID: 241274-011D						
Sample Qty:		Seq. No.: 2 Prep. Vol :	28 Sam	ple No.: 11 O T	A/S Pos: 34 Dilution:	1.0: 1.0
sembre fol.		Seq. No.: 2 Prep. Vol.: Data: Origi	inal	••	Date: 10/12/04	
	Mean Corr.		Calib	Mean	Sample	
Element	Intensity	Conc.	Units	Conc.	Units	·
Y 360.073	108066.4	1.003	µg/L			
Sc 361.383 Al 308.215	470497.2 24087.7	0.940 52.5239	μg/L μg/L	52.5239	µq/L	
As 188.979	-5.4		µg/L	4.23017	µg/L	
Ba 233.527	731.5	5.54892	µg/L	5.54892	µg/L	
Ca 430.253 Cr 205.560	5776.4 13.9	1072.06 1.34133	μg/L μg/L	1072.06 1.34133	μg/L μg/L	
Co 228.616	76.4	1.55613	µg/L	1.55613	µg/L	
Cu 324.752 Fe 273.955	10743.9 377.1	1.82097	µg/L ·	1.82697 13.6562		
Mg 279.077	2124.5		μg/L μg/L	76.4982	μg/L μg/L	
Ca 227.546	184.1	1022.02	µg/L	1022.02	µg/L	
Mean Data						
ID: 241274-012D		Seq. No.: 2 Prep. Vol.:	9 Sam	ple No.: 12	A/S Pos: 35	
Sample Qty:	1.0000 L	Prep. Vol.: Data: Origi	nal L.	.0 L	Dilution: Date: 10/12/04	1.0: 1.0 12:53:17 PM
		Data: Origi				
Element	Mean Corr.	Mean	Calib Units	Mean	Sample Units	
Y 360.073	Intensity 104987.0	0.974	ug/L	Conc.	UTITCS	
Sc 361.383	476744.8	0.953	µg/L			
Al 308.215 As 188.979		463.718	µg/L	463.718	µg/L	
Ba 233.527	623.7	4.88099	μg/L μg/L	22725.9 4.88099	μg/L μg/L	
Ca 430.253	609845.5	70686 8	1) cr / T	79686.8	µg/L	
Cr 205.560 Co 228.616	3749.6 172.5	164.752 4.29478	µg/L µg/L	164.752	µg/L	
Cu 324.752		33.0098	μg/L μg/L	4.29478 33.0098	μg/L μg/L	
Fe 273.955	-151.4	-3.58603	µg/L	-3.58603	μg/L	
Mg 279.077 Ca 227.546	264908.9		µg/L µg/L	11861.8 82297.0	hd\r hd\r	
J. 427.010	12002.0	02291.0	ΗÂΥΠ	02291.0	<i>بد ر</i> و <i>بر</i>	
Mean Data ID: 241274-012D	 MD	Seq. No.: 3	i) Samr	ole No.: 13	A/S Pos: 36	
Sample Qty:	1.0000 L	Prep. Vol.:	1.	.0 L	Dilution:	
· · · ·		Data: Origi			Date: 10/12/04	
						•
					000118	

	Mean Corr.	Mean	Calib	Mean	Sample	
Element	Intensity		Units	Conc.	Units	
Y 360.073	107909.6		hd/r			
Sc 361.383	492744.5		µg/L			
Al 308.215			µg/L	443.274	µg/L	
As 188.979			µg/L	22343.8	µg/L	
Ba 233.527	455.0	3.83624	hd/r	3.83624	µg/L	
Ca 430.253	598124.6	78161.4	µg/L	78161.4	µg/L	and the second
Cr 205.560	3665.1	161.055	µg/L	161.055	µg/L	
Co 228.616	159.2	3.91488	µg/L	3.91488	µg/L	
Cu 324.752	159.2 25031.8	31.8490	μg/L	31.8490	µg/L	
Fe 273.955		-4.82669	µg/L	-4.82669	µg/L	
Mg 279.077	259309.1	11610.6	µg/L	11610.6	µg/L	
Ca 227.546	259309.1 12427.0	80716.6	µg/L	80716.6	µg/L	
Mean Data						
ID: 241274-01	2D MS	Seq. No	.: 31 Sample 1	No.: 14	A/S Pos: 37	
Sample Qty:	1.0000 L	Prep. V	o.: 31 Sample N Vol.: 1.0 L Driginal		A/S Pos: 37 Dilution: 1	.0: 1.
		Data: C	riginal		Date: 10/12/04	
	Mean Corr.	Mean	Calib	Mean	Sample	
Element	Intensity	Conc.	Units	Conc.	Units	
Y 360.073	104893.4	0.973	µg/L			
Sc 361.383	476637.5	0.952 2579.12	hā/r	0570 10	· · · · · · · · · · · · · · · · · · ·	
AL 308.215	111548.3	2579.12	µg/L	2579.12	µg/L	
As 188.979	46397.8		µg∕L µg∕L	22982.7	µg/L	
Ba 233.527	367471.9	2277.00	hā\r		hd/L	
Ca 430.253	614127.0		µg/L	80241.9	µg/L	1. A. A. A.
Ca 430.253 Cr 205.560 Co 228.616	8868.6	388.673	µg/L	388.673	µg/L	•
Co 228.616	19164.3	545.785	µg/L	545.785	µg/L	
Cu 324.752	151532.8 32692.4 267324.6 12921.7	297.655	µg/L	297.655	hā\r	
Fe 273.955	32692.4	1068.01	µg/L	1068.01	hd\T	
Mg 279.077	267324.6	11970.1	µg/L	11970.1	µg/L	
			F-57 -	83878.8	hd\r	
14 C						
Mean Data						
ID: 241274-01	2D SD	Seq. No	.: 32 Sample M	No.: 15	A/S Pos: 38	
ID: 241274-01	2D SD 1.0000 L	Seq. No Prep. V	0.: 32 Sample M fol.: 1.0 L	No.: 15	A/S Pos: 38 Dilution: 1	.0: 1.0
ID: 241274-01	2D SD 1.0000 L	Seq. Nc Prep. ∨ Data: C	ol.: 32 Sample M Sol.: 1.0 L Driginal	Jo.: 15	A/S Pos: 38 Dilution: 1 Date: 10/12/04	.0: 1.0 1:05:10 PM
ID: 241274-01	2D SD 1.0000 L	Seq. Nc Prep. V Data: C	.: 32 Sample M Tol.: 1.0 L Priginal	No.: 15	A/S Pos: 38 Dilution: 1 Date: 10/12/04	
ID: 241274-01 Sample Qty:	2D SD 1.0000 L Mean Corr.	Seq. No Prep. V Data: C Mean	.: 32 Sample M ol.: 1.0 L priginal Calib	No.: 15 Mean	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample	
ID: 241274-01 Sample Qty:	2D SD 1.0000 L Mean Corr.	Seq. No Prep. V Data: C Mean	.: 32 Sample M Tol.: 1.0 L Driginal Calib Units	No.: 15	A/S Pos: 38 Dilution: 1 Date: 10/12/04	
ID: 241274-01 Sample Qty: Element Y 360.073	2D SD 1.0000 L Mean Corr. Intensity 105898.6	Seq. No Prep. V Data: C Mean Conc. 0.983	.: 32 Sample M Tol.: 1.0 L Triginal Calib Units µg/L	No.: 15 Mean	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample	
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982	.: 32 Sample M ol.: 1.0 L riginal Calib Units µg/L µg/L	No.: 15 Mean Conc.	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units	
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876	.: 32 Sample M ol.: 1.0 L riginal Calib Units µg/L µg/L µg/L	No.: 15 Mean Conc. 97.0876	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L	
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31	.: 32 Sample M fol.: 1.0 L riginal Calib Units µg/L µg/L µg/L µg/L µg/L	No.: 15 Mean Conc. 97.0876 4178.31	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L	
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778	.: 32 Sample M fol.: 1.0 L riginal Calib Units µg/L µg/L µg/L µg/L µg/L	No.: 15 Mean Conc. 97.0876 4178.31 4.15778	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L	
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4	<pre>.: 32 Sample M ol.: 1.0 L priginal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L</pre>	No.: 15 Mean Conc. 97.0876 4178.31 4.15778 14196.4	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L	
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172	<pre>.: 32 Sample M ol.: 1.0 L priginal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L	
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788	<pre>.: 32 Sample M ol.: 1.0 L priginal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	No.: 15 Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
ID: 241274-01 Sample Qty: 	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450	<pre>.: 32 Sample M ol.: 1.0 L original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	No.: 15 Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462	<pre>.: 32 Sample M ol.: 1.0 L original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	No.: 15 Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4 50514.7	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69	<pre>.: 32 Sample M ol.: 1.0 L original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462	<pre>.: 32 Sample M ol.: 1.0 L original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	No.: 15 Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4 50514.7 2325.2	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8	<pre>.: 32 Sample M ol.: 1.0 L priginal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 5.47450 11.5462 2246.69 14959.8	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4 50514.7 2325.2	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6:47450 11.5462 2246.69 14959.8	<pre>.: 32 Sample M ol.: 1.0 L priginal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 5.47450 11.5462 2246.69 14959.8	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4 50514.7 2325.2	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6:47450 11.5462 2246.69 14959.8	<pre>.: 32 Sample M ol.: 1.0 L priginal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 5.47450 11.5462 2246.69 14959.8	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L	0: 1.0
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4 50514.7 2325.2	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 Seq. No Prep. V	<pre>.: 32 Sample M ol.: 1.0 L priginal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 5.47450 11.5462 2246.69 14959.8 No.: 16	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/L]	
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4 50514.7 2325.2 3D 1.00000 L	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 Seq. No Prep. V Data: C	<pre>.: 32 Sample M ol.: 1.0 L priginal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L	0: 1.0
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4 50514.7 2325.2 3D 1.0000 L Mean Corr.	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 Seq. No Prep. V Data: C Mean	<pre>.: 32 Sample M ol.: 1.0 L priginal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 No.: 16 Mean	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L ∑ Sample	0: 1.0
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4 50514.7 2325.2 3D 1.0000 L Mean Corr. Intensity	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 Seq. No Prep. V Data: C Mean Conc.	<pre>.: 32 Sample M ol.: 1.0 L priginal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L	0: 1.0
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4 50514.7 2325.2 3D 1.0000 L Mean Corr. Intensity 107472.0	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 Seq. No Prep. V Data: C Mean Conc. 0.997	<pre>.: 32 Sample M ol.: 1.0 L priginal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 No.: 16 Mean	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L ∑ Sample	0: 1.0
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4 50514.7 2325.2 3D 1.0000 L Mean Corr. Intensity	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 Seq. No Prep. V Data: C Mean Conc.	<pre>.: 32 Sample M ol.: 1.0 L original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 No.: 16 Mean Conc.	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L ∑ Sample	0: 1.0
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4 50514.7 2325.2 3D 1.0000 L Mean Corr. Intensity 107472.0	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 Seq. No Prep. V Data: C Mean Conc. 0.997	<pre>.: 32 Sample M ol.: 1.0 L original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 No.: 16 Mean	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L ∑ Sample	0: 1.0
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4 50514.7 2325.2 3D 1.0000 L Mean Corr. Intensity 107472.0 477771.6	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 Seq. No Prep. V Data: C Mean Conc. 0.997 0.955	<pre>.: 32 Sample M ol.: 1.0 L original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 No.: 16 Mean Conc.	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L µg/	0: 1.0
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4 50514.7 2325.2 3D 1.00000 L Mean Corr. Intensity 107472.0 477771.6 25411.4	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 Seq. No Prep. V Data: C Mean Conc. 0.997 0.955 80.8519	<pre>.: 32 Sample M ol.: 1.0 L original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 No.: 16 Mean Conc. 80.8519	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L	0: 1.0
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4 50514.7 2325.2 3D 1.00000 L Mean Corr. Intensity 107472.0 477771.6 25411.4 1846.6	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 Seq. No Prep. V Data: C Mean Conc. 0.997 0.955 80.8519 922.438	<pre>.: 32 Sample M ol.: 1.0 L original Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 No.: 16 Mean Conc. 80.8519 922.438	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L	0: 1.0
ID: 241274-01 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	2D SD 1.0000 L Mean Corr. Intensity 105898.6 491177.6 25696.9 8423.6 506.9 106622.3 717.5 89.5 12955.7 312.4 50514.7 2325.2 3D 1.0000 L Mean Corr. Intensity 107472.0 477771.6 25411.4 1846.6 1925.3	Seq. No Prep. V Data: C Mean Conc. 0.983 0.982 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 6.47450 11.5462 2246.69 14959.8 Seq. No Prep. V Data: C Mean Conc. 0.997 0.955 80.8519 922.438 12.9427	<pre>.: 32 Sample M ol.: 1.0 L priginal Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Mean Conc. 97.0876 4178.31 4.15778 14196.4 32.1172 1.92788 5.47450 11.5462 2246.69 14959.8 Jose 16 Mean Conc. 80.8519 922.438 12.9427	A/S Pos: 38 Dilution: 1 Date: 10/12/04 Sample Units µg/L	0: 1.0

Page

Method: As, Cr, Cu

Co 228.616

Cu 324.752

Fe 273.955

111.5

40.7

11248.4

2.55675

2.88701

2.67882

Date: 10/12/04

1:09:44 PM

000119

µg/L

µg/L

µg/L

2.55675

2.88701

2.67882

µg/L

µg/L

µg/L

Method: As,Cr,C	2u		Page 1	0		Date: 10/12/04	1:26:52 PM
Mg 279.077 Ca 227.546	216508.2 9877.8	9691.11 64122.9	µg∕L µg∕L	9	691.11 4122.9	μg/L μg/L	
TD: 241274-0141)	Seq. No	• 34 5	ample No .	17	A/S Pos: 40	
Sample Qty:	1.0000 L	Prep. \ Data: (/ol.: Driginal	1.0 L		Dilution: Date: 10/12/04	1.0: 1. 1:13:25 PM
	Mean Corr.		Calib		Mean		
Element			Units		Conc.	Units	
I 360.0/3	104297.7	0.968	µg/L				
Sc 361.383	471510.8	0.942	µg/L		1 0 0 0	····/~	
Al 308.215 As 188.979	24055.6 176.7	41.2638 95.5855	hd/r	4	1.2638	μg/L μg/L	
Ba 233.527 Ca 430.253	2099.8	14.0236	μg/L	1	4 0236	µg/L	
	486765.1	63669.2	μg/L μg/L μg/L μg/L	6	3669.2	hā\r	
Cr 205.560		5.51646	µg/ь	5 3	.51646	µg/L	
Co 228.616 Cu 324.752	133.9 11553.3	3.19531	µg/L µg/L	3	.19531	μg/L μg/L	
Ee 273.955	-151.9	-3,60534	μg/L μg/L	3 -3	.60534	µg/L	
Mg 279.077	161307.5	7215.49	μg/L μg/L	7.	215.49	µg/L	
Ca 227.546	10132.9		1 2	6		µg/L	
ID: CRIMOBICRIÓ	01	Seq. No	b.: 35 S	ample No.:	6	A/S Pos: 12	
Sample Otv:	1.0000 a	Prep. V	/ol.:	1.0 L	a de la companya de l	Dilution:	1.0: 1. 1:17:30 PM
	Mean Corr	Maan	Calib		Mean	Date: 10/12/04 Sample	
Element	Mean Corr. Intensity 108686.1 510602.2	Conc.	Calib Units µg/L		Conc.	Units	
Y 360.073	108686.1	1.009	µg/L				
Sc 361.383	510602.2	1 020	μg/L				
Al 308.215 As 188.979	22042.9	~6.75894	μg/L μg/L				
Ba 233.527	-51.0	0.702010	µg/L µg/L				
Cá 430.253	1151 A	510.948	µg/L				
Cr 205.560	472.8	21.4161	µg/L				
Co 228.616 Cu 324.752	32826.4	101.510 48.2271	μg/L μg/L				
Fe 273.955		27.0976 15.0166	µg/L				
Mg 279.077 Ca 227.546	753.6 83.6	15.0166 354.328	μg/L μg/L				
ID: ISAM03ISA00	2	Seq. No	.: 36 S	ample No.:	7	A/S Pos: 5 Dilution:	
Sample Qty:	1.0000 g	Prep. V Data: C	ol.: riginal	1.0 L		Dilution: Date: 10/12/04	1.0: 1.0 1:21:46 PM
	Mean Corr.	Mean Conc.	Calib		Mean	Sample Units	
Element	Intensity	Conc.	Units		Conc.	Units	
7 360.073 5c 361.383	90943.6 452585.5	0.844	μg/L μg/L				
1 308.215	17079352.1	495215	µg/L				
Ls 188.979	-23.7	2.88842	µg/L			and the second	
Ba 233.527 Sa 430.253	857.0 3903030.3	6.32607	µg/L				
r 205.560	3903030.3 21.7	507782	μg/L μg/L				
Co 228.616		2.71828	µg/L				
u 324.752	8005.4	-3.92710	µg/L				
	5537922.5		µg/L				
1g 279.077 La 227.546	10622334.4 80172.5	476368 524429	μg/L μg/L				
1ean Data	· 						
ID: ISBM03ISR00 Sample Qty:	2 1.0000 g	Seq. No Prep. V	.: 3/ Sa ol.:	ample No.: 1.0 L	9	A/S Pos: 7 Dilution: Date: 10/12/04	1.0: 1.0 1.26.15 DM
	Mean Corr. Intensity	Mean Conc	Calib Units		Mean Conc.	Sample Units	
	90873.6	0.843	Units µg/L		COLC.	OTTECS	
lement			r-97,			×	
Clement 360.073 50 361.383	439992.3		µg/L				
llement 360.073 c 361.383	439992.3 17795703.8		μg/L μg/L	1997 <u>-</u> 1997 - 1997 1997 -		120	

Method: As, Cr	,Cu		Page 1	.1		Date: 10/12/04 1:39:	23 PM
		in the second	<u>-</u>	an a			
As 188.979	168.5	98.5478	µg/L				
Ba 233.527	87025.0	540.018	µg/L				
Ca 430.253	4079207.4	530690	µg/L				
Cr 205.560	11357.4	497.543	µg/L				
Co 228.616	16492.7	469.613	µg/L				
Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227 546	264308.7	534.622	µg/L				
Fe 273.955	5768684.8	188217	µg/L				
Mg 279.077	11054372.4	495744	µg/L				
Ca 227.546	82993.7	542843	µg/L				
Mean Data			· · · · · · · · · · · · · · · · · · ·				
ID: CCVMU31RC	LVUZ	56	eq. No.: 38 2	ampie No.: J	LZ .	A/S POS: Z	1 0
Sample Qty:	1.0000 g	FI Dr	tep. Vol.:	т.О т		Dilution: 1.0:	20 DM
		De	ita: Originai	-		A/S Pos: 2 Dilution: 1.0: Date: 10/12/04 1:30:	39 PM
	Mean Corr.	Mean	Calik		Mean	Sample	
Flement	Intensity	Conc	Units		Conc.	Units	
	Intensity 104587.6	0 071			conc.	0111 0.5	
1 300.073	104007.0	0.971	µg/L				
DC 301.303	491181.7 399264.5	0.982	µg/L				
AL 300.215	399204.5	10942.9	µg/L				
	-7.9						
Ba 233.527	1093082.8	10491.1 24503.6		Ali posta de la composición de la compo			
Ca 430.253	185904.4	24503.6	µg/L				
Cr 205.560	23050.0 85990.3	1009.01	µg/L				
Co 228.616	85990.3	2451.11					
Cu 324.752	586597.7 168174.1	1211.82	µg/L				
Fe 273.955	168174.1	5488.40	µg/L				
	577596.4	25885.1	µg/L				
Ca 227.546	3926.0	25127.5	µg/L				
Min nas Franks							
Mean Data			No · 20 0		2.	A/C Dog · 3	
Sample Offer		ວະ ເວ	-9. NO. 22 3) () T.		Dilution: 10.	1 0
benubre Sch.	1.0000 g	د ۲ جزا آ	ta: Original	T.0 T		$D_{2} = \frac{10}{12} \frac{10}{$	47 PM
						Date. 10/12/04 1.54.	
	Mean Corr.	Mean	Calib)	Mean	A/S Pos: 3 Dilution: 1.0: Date: 10/12/04 1:34: Sample	
	Mean Corr.	Mean	Calib)	Mean	Sample Units	
	Mean Corr. Intensity	Mean Conc.	Calib Units)	Mean	Sample	
Element Y 360.073	Mean Corr.	Mean Conc. 1.010	Calib Uńits µg/L)	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215	Mean Corr. Intensity 108850.6 508546.4 43370.0	Mean Conc. 1.010 1.016 612.456	Calik Uhits µg/L µg/L)	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215	Mean Corr. Intensity 108850.6 508546.4 43370.0	Mean Conc. 1.010 1.016 612.456	Calik Uhits µg/L µg/L µg/L)	Mean	Sample	
Element Y 360.073 Sc 361.383	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8	Mean Conc. 1.010 1.016 612.456 948.097	Calik Uhits µg/L µg/L µg/L µg/L)	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8	Mean Conc. 1.010 1.016 612.456 948.097	Calik Uhits µg/L µg/L µg/L µg/L)	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L)	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3	Mean Conc. 1.010 612.456 948.097 19.3860 961.891 2.71421	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L)	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1	Mean Conc. 1.010 612.456 948.097 19.3860 961.891 2.71421 4.22641	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L)	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L)	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L)	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L)	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L)	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L)	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		Mean Conc.	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1	Mean Conc.	Sample Units A/S Pos: 1 Dilution: 1.0:	1.0
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1	Mean Conc.	Sample Units A/S Pos: 1	1.0
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 Se Pr Da	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc.	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38:	1.0
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCB Sample Qty:	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7 1.00000 g	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 Se Pr Da	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc. 4 Mean	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38: Sample	1.0
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCB Sample Qty: Slement	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7 1.00000 g Mean Corr. Intensity	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 Se Pr Da	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc.	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38:	1.0
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCB Sample Qty:	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7 1.00000 g	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 Se Pr Da Mean Conc. 0.993	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc. 4 Mean	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38: Sample	1.0
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCB Sample Qty: Slement Y 360.073 Sc 361.383	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7 1.00000 g Mean Corr. Intensity	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 See Pr Da Mean Conc.	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc. 4 Mean	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38: Sample	1.0
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ta 430.253 Cr 205.560 To 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ta 227.546 Mean Data	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7 1.00000 g Mean Corr. Intensity 107009.6	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 Se Pr Da Mean Conc. 0.993	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc. 4 Mean	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38: Sample	1.0
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: GCB Sample Qty: 	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7 1.00000 g Mean Corr. Intensity 107009.6 484079.0	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 Se Pr Da Mean Conc. 0.993 0.967	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc. 4 Mean	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38: Sample	1.0
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: GCB Sample Qty: Slement Y 360.073 Sc 361.383 Al 308.215	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7 1.0000 g Mean Corr. Intensity 107009.6 484079.0 35460.8	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 Se Pr Da Mean Conc. 0.993 0.967 382.831	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc. 4 Mean	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38: Sample	1.0
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCB Sample Qty: Slement Y 360.073 Sc 361.383 Al 308.215 As 188.979	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7 1.0000 g Mean Corr. Intensity 107009.6 484079.0 35460.8 -3.8	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 Se Pr Da Mean Conc. 0.993 0.967 382.831 5.01241 9.57478	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc. 4 Mean	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38: Sample	1.0
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCB Sample Qty: Slement Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7 1.00000 g Mean Corr. Intensity 107009.6 484079.0 35460.8 -3.8 1381.5	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 See Pr Da Mean Conc. 0.993 0.967 382.831 5.01241 9.57478 728.670	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc. 4 Mean	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38: Sample	1.0
Elementt Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7 1.0000 g Mean Corr. Intensity 107009.6 484079.0 35460.8 -3.8 1381.5 3140.3 i2.7	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 See Pr Da Mean Conc. 0.993 0.9967 382.831 5.01241 9.57478 728.670 1.28956	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc. 4 Mean	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38: Sample	1.0
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCB Sample Qty: Slement Y 360.073 Sc 361.383 Al 308.215 As 188.979 Sa 233.527 Ca 430.253 Cr 205.560 Co 228.616	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7 1.0000 g Mean Corr. Intensity 107009.6 484079.0 35460.8 -3.8 1381.5 3140.3 12.7 113.6	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 See Pr Da Mean Conc. 0.993 0.967 382.831 5.01241 9.57478 728.670 1.28956 2.61466	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc. 4 Mean	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38: Sample	1.0
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCB Sample Qty: Slement Y 360.073 Sc 361.383 Al 308.215 As 188.979 Sa 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7 1.00000 g Mean Corr. Intensity 107009.6 484079.0 35460.8 -3.8 1381.5 3140.3 12.7 113.6 10301.4	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc. 4 Mean	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38: Sample	1.0
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCB Sample Qty: Slement Y 360.073 Sc 361.383 Al 308.215 As 188.979 Sa 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7 1.0000 g Mean Corr. Intensity 107009.6 484079.0 35460.8 -3.8 1381.5 3140.3 12.7 113.6 10301.4 5056.1	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc. 4 Mean	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38: Sample	1.0
Elementt Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCB Sample Qty: 	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7 1.00000 g Mean Corr. Intensity 107009.6 484079.0 35460.8 -3.8 1381.5 3140.3 12.7 113.6 10301.4 5056.1 10081.3	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc. 4 Mean	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38: Sample	1.0
Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Mg 279.077 Ca 227.546 Mean Data ID: CCB Sample Qty: Slement Y 360.073 Sc 361.383 Al 308.215 As 188.979 Sa 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955	Mean Corr. Intensity 108850.6 508546.4 43370.0 1900.8 2965.6 4934.1 45.3 170.1 10642.8 8812.0 16520.9 159.7 1.0000 g Mean Corr. Intensity 107009.6 484079.0 35460.8 -3.8 1381.5 3140.3 12.7 113.6 10301.4 5056.1	Mean Conc. 1.010 1.016 612.456 948.097 19.3860 961.891 2.71421 4.22641 1.61454 288.865 722.141 867.293 	Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	ample No.: 1 1.0 L	Mean Conc. 4 Mean	Sample Units A/S Pos: 1 Dilution: 1.0: Date: 10/12/04 1:38: Sample	1.0

Method: As,Cr,C	u		Pa	ige 1		Date: 10/12/04	2:20:25 PM
Calibration Sum Method: As,Cr,C	mary u					Date: 10/12/04	2:09:48 PM
							Corr.
Element	Stds	Equation	In	ntercept	Slope	Curvature	
Al 308.215	1	Linear		22272.8	34.4	0.00000 1	.000000
As 188.979	1	Linear		-13.9	2.0	0.00000 1	.000000
Ba 233.527	1	Linear		-164.4	161.5	0.00000 1	.000000
Ca 430.253	2	Linear		-2461.6	7.7	0.00000 0	.999874
Cr 205.560	1	Linear		-16.8	22.9	0.00000 1	.000000
Co 228.616	1	Linear		21.9	35.1	0.00000 1	.000000
Cu 324.752	1	Linear		9874.4	475.9		.000000
Fe 273.955	<u>1</u>	Linear		-41.4	30.6		.000000
Mg 279.077		Linear		418.8	22.3		.000000
Ca 227.546	2	Linear		27.1	0.2	0.00000 0	.999946
Method: As,Cr,Cr Results: 101204 Sample Info: oct Method Descript:	u t12a ion: As,Cr,(Cu	IEC: 060 Spectra User: Us	404.IEC Stored: Yes erl		MSF: Method Stored: Ye Date: 10/12/04	es 2:09:48 PM
Mean Data							
ID: IS Init							
			Data: Origina	1		A/S Pos: 1 Date: 10/12/04	2:11:24 PM
		an Corr.		· · · · · · · · · · · · · · · · · · ·			
Element		ntensity					
Y 360.073		110221.8					
Sc 361.383		507237.6					
Mean Data							
ID: blk			Seq. No.: 2	Sample N	0.: 1	A/S Pos: 1	
Sample Qty:	1.0000 L		Prep. Vol.:	1.0 L		Dilution:	1.0: 1.0
						Date: 10/12/04	
	Mean Corr.	Mear		Calib	Mean	Sample	b
Element	Intensity			Units	Conc.	Units	
Y 360.073 Sc 361.383	110211.8 499006.4	1.000 0.984		μg/L μg/L			
	24048.1	51.486	7	µg/L	51.4867	hd/r	
As 188.979	-12.9	0.475740		µg/L	0.475740	hd\r hd\r	
Ba 233.527	-112.8	0.319228		µg/L	0.319228	µg/L	
Ca 430.253		386.393			386.393	µg/L	
Cr 205.560	-11.4	0.235927		µg/L	0.235927	µg/L	
Co 228.616	35.0	0.375087	,		0.375087	µg/L	
Cu 324.752	9732.7	-0.297676	5		-0.297676	L/DH	
Fe 273.955	347.3	12.6821		µg/L	12 6821	µg/L	
Mg 279.077		~ ~ ~ ~ ~ ~ ~ ~	2		12.0021		
Ca 227.546	1043.4	28.0135)	µg/L	12.6821 28.0135	µg/L	
Mean Data		28.0135 305.436		µg/L	305.436	μg/L μg/L	
			· · · · · · · · · · · · · · · · · · ·	µg/L	305.436	µg/L µg/L	
ID: 241274-012D			· · · · · · · · · · · · · · · · · · ·	µg/L	305.436	µg/L µg/L	
ID: 241274-012D Sample Qty:			· · · · · · · · · · · · · · · · · · ·	µg/L	305.436	µg/L µg/L	3.0: 9.0 2:16:00 PM
ID: 241274-012D Sample Qty:	1.0000 L		Seq. No.: 3 Prep. Vol.: Data: Origina	μg/L Sample N 1.0 L 1	305.436 o.: 2	µg/L µg/L A/S Pos: 55 Dilution: Date: 10/12/04	3.0: 9.0 2:16:00 PM
ID: 241274-012D Sample Qty:	1.0000 L Mean Corr.	Meau	Seq. No.: 3 Prep. Vol.: Data: Origina	μg/L Sample N 1.0 L l Calib	305.436 o.: 2	µg/L µg/L A/S Pos: 55 Dilutión: Date: 10/12/04 Sample	
ID: 241274-012D Sample Qty: Element	1.0000 L Mean Corr. Intensity	Mear Conc	Seq. No.: 3 Prep. Vol.: Data: Origina	μg/L Sample N 1.0 L l Calib	305.436 o.: 2	µg/L µg/L A/S Pos: 55 Dilution: Date: 10/12/04	
ID: 241274-012D Sample Qty: Element Y 360.073 Sc 361 383	1.0000 L Mean Corr. Intensity 107494.9 495453 1	Mear Conc 0.975 0.975	Seq. No.: 3 Prep. Vol.: Data: Origina	μg/L Sample N 1.0 L l Calib Units μg/L μg/L	305.436 o.: 2 Mean Conc.	µg/L µg/L A/S Pos: 55 Dilutión: Date: 10/12/04 Sample	
ID: 241274-012D Sample Qty: Element Y 360.073 Sc 361 383	1.0000 L Mean Corr. Intensity 107494.9 495453 1	Mear Conc 0.975 0.975	Seq. No.: 3 Prep. Vol.: Data: Origina.	μg/L Sample N 1.0 L l Calib Units μg/L μg/L	305.436 o.: 2 Mean Conc.	µg/L µg/L A/S Pos: 55 Dilution: Date: 10/12/04 Sample Units	
ID: 241274-012D Sample Qty: Element Y 360.073 Sc 361 383	1.0000 L Mean Corr. Intensity 107494.9 495453.1 28627.6	Mear Conc 0.975 0.977 180.701	Seq. No.: 3 Prep. Vol.: Data: Origina.	μg/L Sample N 1.0 L l Calib Units μg/L μg/L	305.436 o.: 2 Mean Conc.	μg/L μg/L A/S Pos: 55 Dilution: Date: 10/12/04 Sample Units μg/L	
<pre>ID: 241274-012D Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215</pre>	1.0000 L Mean Corr. Intensity 107494.9 495453 1	Mear Conc 0.975 0.975	Seq. No.: 3 Prep. Vol.: Data: Origina.	μg/L Sample N 1.0 L 1 Calib Units μg/L μg/L μg/L μg/L	305.436 o.: 2 Mean Conc. 542.104 21139.5	μg/L μg/L A/S Pos: 55 Dilutión: Date: 10/12/04 Sample Units μg/L μg/L	
<pre>ID: 241274-012D Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979</pre>	1.0000 L Mean Corr. Intensity 107494.9 495453.1 28627.6 14215.5	Mear Conc 0.975 0.977 180.701 7046.50 0.755677	Seq. No.: 3 Prep. Vol.: Data: Origina.	μg/L Sample N 1.0 L 1 Calib Units μg/L μg/L μg/L μg/L μg/L	305.436 o.: 2 Mean Conc. 542.104 21139.5 2.26703	μg/L μg/L A/S Pos: 55 Dilutión: Date: 10/12/04 Sample Units μg/L μg/L μg/L	
<pre>ID: 241274-012D Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527</pre>	1.0000 L Mean Corr. Intensity 107494.9 495453.1 28627.6 14215.5 -42.4 175860.3	Mear Conc 0.975 0.977 180.701 7046.50	Seq. No.: 3 Prep. Vol.: Data: Origina.	μg/L Sample N 1.0 L 1 Calib Units μg/L μg/L μg/L μg/L μg/L μg/L	305.436 	μg/L μg/L A/S Pos: 55 Dilution: Date: 10/12/04 Sample Units μg/L μg/L μg/L μg/L	
ID: 241274-012D Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253	1.0000 L Mean Corr. Intensity 107494.9 495453.1 28627.6 14215.5 -42.4	Mear Conc 0.975 0.977 180.701 7046.50 0.755677 23207.1	Seq. No.: 3 Prep. Vol.: Data: Origina.	μg/L Sample N 1.0 L l Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L	305.436 o.: 2 Mean Conc. 542.104 21139.5 2.26703	μg/L μg/L A/S Pos: 55 Dilutión: Date: 10/12/04 Sample Units μg/L μg/L μg/L	
ID: 241274-012D Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560	1.0000 L Mean Corr. Intensity 107494.9 495453.1 28627.6 14215.5 -42.4 175860.3 1185.7	Mear Conc 0.975 0.977 180.701 7046.50 0.755677 23207.1 52.6000	Seq. No.: 3 Prep. Vol.: Data: Origina.	μg/L Sample N 1.0 L 1 Calib Units μg/L μg/L μg/L μg/L μg/L μg/L	305.436 	μg/L μg/L A/S Pos: 55 Dilution: Date: 10/12/04 Sample Units μg/L μg/L μg/L μg/L μg/L μg/L	
ID: 241274-012D Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616	1.0000 L Mean Corr. Intensity 107494.9 495453.1 28627.6 14215.5 -42.4 175860.3 1185.7 81.6	Mear Conc 0.975 180.701 7046.50 0.755677 23207.1 52.6000 1.70311	Seq. No.: 3 Prep. Vol.: Data: Origina.	μg/L Sample N 1.0 L l Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	305.436 	μg/L μg/L A/S Pos: 55 Dilution: Date: 10/12/04 Sample Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
ID: 241274-012D Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 As 188.979 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752	1.0000 L Mean Corr. Intensity 107494.9 495453.1 28627.6 14215.5 -42.4 175860.3 1185.7 81.6 14651.9	Mear Conc 0.975 0.977 180.701 7046.50 0.755677 23207.1 52.6000 1.70311 10.0386	Seq. No.: 3 Prep. Vol.: Data: Origina.	μg/L Sample N 1.0 L 1 Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	305.436 	μg/L μg/L A/S Pos: 55 Dilution: Date: 10/12/04 Sample Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L	

Method: As, Cr,	,Cu		Page 2		Date: 10/12/04	2:32:22 PM
Mean Data					····	
ID: 241274-012	D MD	Se	q. No.: 4 Sampl ep. Vol.: 1.0 ta: Original	e No.: 3	A/S Pos: 56	
Sample Qty:	1.0000 L	Pr	ep. Vol.: 1.0	L	Dilution:	
		Da	ta: Original		Date: 10/12/04	2:19:58 PM
1. · · · · · · · · · · · · · · · · · · ·	Mean Corr.	Mean	Calib Units	Mean		
	Intensity	Conc.		Conc.	Units	
Y 360.073	107114.4	0.972	μg/L			
Sc 361.383	493656.5	0.973	µg/L	F05 010		post de post de la composition de la co
Al 308.215	28232.9	169.303	µg/L	507.910	µg/L	
As 188.979 Ba 233.527	13963.9	6921.90	hā\r	20765.7	µg/L	
Ba 233.527		0.613793	μg/L μg/L μg/L	1.84138	µg/L	
Ca 430.253	1/292/.0	22825.4		68476.1		
		51.9961	µg/L	155.988		
Co 228.616	72.6	1.44624	µg/L	4.33871	µg/L	
Cu 324.752		9.70874		29.1262	µg/L	
Fe 273.955		2.81911	µg/L	8.45733	µg/L	
Mg 279.077		24713.4	μg/L μg/L	11014.3	μg/L μg/L	
Ca 227.546	3823.6	24/13.4	µд/⊥	74140.2	μŋγι	
Mean Data						
ID: 241274-012	D MS	Se	q. No.: 5 Sampl	e_No.: 4	A/S Pos: 57	
Sample Qty:	1.0000 L	Pr	ep. Vol.: 1.0	L .	Dilution:	3.0: 9.0
		Da	ep. Vol.: 1.0 ta: Original		Date: 10/12/04	2:23:57 PM
	Mean Corr.		Calib	Mean		
Element		Conc.		Conc.	Units	
Y 360.073	Intensity 107717.4	0.977	µg/L			
Sc 361.383		0.979	na/T.			
Al 308.215	49804.6	795.592	Dec /T	2386.78	µq/L	and the second sec
As 188.979	14235.8	7056.31	µg/L	21168.9	µg/L	
Ba 233.527	116603.0	723.213	µg/L	2169.64	µg/L	
Ca 430.253	177729.9	23449.8	hd/r	70349.5	µg/L	
Cr 205.560	2789.8	122.766	hd\T	368.297	Ld/L	egen de la composition de la compositio
Co 228.616		170.914	hd/r	512.742	µg/L	
Cu 324.752	53185.3	91.0056	ug/T.	273.017	µg/L	
Fe 273.955	10586.6	346.762	µg/L	1040.29	µg/L	
Mg 279.077	84355.3	3764.36	µg/L	11293.1	lid/r	
Ca 227.546		25181.7	µg/L	75545.1	µg/L	
N.C						
ID: 241274-012	D SD	Se	q. No.: 6 Sampl	e No.: 5	A/S Pos: 58	
Sample Qty:	1.0000 T	Pri	ep. Vol.: 1.0	T.	Dilution:	3.0: 9.0
eenipro goj.		Da	ep. Vol.: 1.0 ta: Original	-	Dilution: Date: 10/12/04	2:27:56 PM
	Mean Corr.		Calib	Mean	Sampl	e
Element		Conc.	Units	Conc.	Units	
Y 360.073	109580.4	0.994	μg/L			
Sc 361.383	509892.9	1.005	µg/L			
Al 308.215	23810.7	43.9144	µg/L	131.743	µg/L	
As 188.979	2636.8	1312.61	µg/L	3937.83	µg/L	
Ba 233.527		1.50420	µg/L	4.51261	µg/L	
Ca 430.253	32167.3	4506.66	µg/L	13520.0	μg/L	
Cr 205.560	216.6	10.2069	µg/L	30.6207	µg/L	
Co 228.616		0.681238	µg/L	2.04371	µg/L	
Cu 324.752		1.27945	µg/L	3.83834	µg/L	
Fe 273.955	56.6	3.19922	µg/L	9.59766	µg/L	
Mg 279.077	16116.8	704.021	µg/L	2112.06	µg/L µg/L	
Ca 227.546	769.4	4832.08	hd\r	14496.2	µg/L	
Mean Data						·
ID: CRIMUSICRI	001	Sec	4. No.: 7 Sampl	e No.: 6	A/S Pos: 12	
Sample Qty:		Dra	an Vol ··· I 0	T. ·	Dilution:	1.0: 1.0
-		Dat	a: Original		Date: 10/12/04	
	Man A				C nump l	
D]	Mean Corr.	Mean Conc.	Calib	Mean		<u>3</u> .
Element	Intensity	Conc.	Units	Conc.	Units	
¥ 360.073	107388.9	0.974	µg/L			
Sc 361.383	493805.5	0.974	µg/L			
	23595.9	38.3574	µg/L	• • •		
Al 308.215						
As 188.979	58.9	36.1196	µg/L			
			μg/L μg/L μg/L	an an an an Arrana An Arrana		

Method: As,Cr,Cu			I	age 3			Date: 10/12/04	2:50:01 PM
Cr 205.560	486 3	22 0033		µg/L				
Co 228.616	3730.9	105.750		µg/L				
Cu 324.752	34536.5	105.750 51.8205		µg/L			n an an tha an	
Fe 273.955	850.3	29.0942		µg/L				
Mg 279.077	398.7	29.0942 -0.898690		ua/L				
Ca 227.546	73.1	285.785		µg/L				
Mean Data								
Mean Data				C			λ/ς Doc. 5	
ID: ISAM03ISA002 Sample Qty: 1	0000 ~	ב ת	eq. No.: o	Samp.	ле мо.: О т.		Dilution.	10. 10
Sample Ock.	L.0000 g	D D	ata: Origin	al .			Date: 10/12/04	2:36:11 PM
							A/S Pos: 5 Dilution: Date: 10/12/04	
	lean Corr.	Mean		Calib		Mean Conc.	Sampl Units	e .
Element	Intensity	Conc.		Units		Conc.	Units	
Y 360.073	92542.4	0.840		µg/L				
Sc 361.383 Al 308.215	460478.6	0.908		µg/L				
AI 308.215 J	L/U92322.7	495592		µg/L				
As 188.979 Ba 233.527	-30.7	6.26586		µg/L µg/L				
Ca 430.253	3869665 0	503440		μg/L μg/L				
Cr 205.560	15.1	1.39262		µg/L				
Co 228.616	110 9	2.53939		иа/Т.				
C11 224 752	8050 G	-3 83227		ua/L				
Fe 273.955	5529530.4	180414 474958 530564		µg/L				
Mg 279.077	L0590898.6	474958		JJG/T				
Ca 227.546	81115.5	530564		µg/L				
Mean Data								
Mean Data				Samo	le No.	9	A/S Pos: 7	
Sample Otv	.0000 a	P	rep. Vol.:	1.	0 L		A/S Pos: 7 Dilution:	1.0: 1.0
souris col.		D	ata: Origin	al			Date: 10/12/04	2:40:52 PM
vi ۱	lean Corr.	Mean		Calib		Mean	Sample	3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
Element Y 360.073	Intensity	Conc.		Units		Conc.	Units	
¥ 360.073	92386.6	0.838						
Sc 361.383 Al 308.215 1	439899.3	0.867		µg/L				
Al 308.215 1	17901098.0	519072		μų/ш				
As 188.979	161.4	95.1137		µg/L				
Ba 233.527 Ca 430.253	89029.2	552.431		µg/L	* * *			
Ca 430.253	4122877.1	536370		µg/L				
Cr 205.560 Co 228.616	16552 2	503.608 471.308		µg/L				
Cu 324.752	270225 3	547 054		μg/L μg/L				
Fe 273.955	270225.3	190619		µg/L				
	1239799.0	504060		µg/L				
Ca 227.546	85000.2		$x_{i} = -\frac{1}{2} \left(x_{i} - \frac{1}{2} \right)$					
Mean Data	in			÷		10	» / « » » »	
Sample Otv:	0000 α	כ	eq. No.: IV rep Vol ·	Samp.	це мо 0 Т.	12	A/S Pos: 2 Dilution: Date: 10/12/04	1.0: 1.0
Deminance Zolà.		D	ata: Origin	al			Date: 10/12/04	2:45:26 PM
M	lean Corr.	Mean		Calib		Mean	Sample	
Element	Intensity	Conc.		Units µg/L µg/L		Conc.	Units	
Y 360.073 Sc 361.383	102198.6	0.927 0.935		µg/L				
5C 301.383	4/4234.1	0.935		μg/L				
Al 308.215 *QC exceeds upper	4102//.2 1 junit for	71 3U8 315	Recovery	$\mu g/L = 114.95\%$	Action	u = Cont+	nue	
					ACULOR	1 - CONCI	Linde .	
As 188.979 Ba 233.527	1762280 7	10915 0		μy/μ μα/Τ.				
Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Co 234.752	190374 6	25084.9		ua/L				
Cr 205.560	23940.5	1047.97		uq/L				
Co 228.616	88485.0	2522.24		µg/L				
Cu 324.752	600974.0	1242.03		µg/L				
Cu 324.752 Fe 273.955	176164.3	5749.10		µg/L			and the second se	
*OC exceeds upper	limit for	Fe 273.955	Recoverv	= 114.98%	Action	n = Conti	nue	
Mg 279.077 Ca 227.546	602340.3	26994.8		hd\r			an an an an Arlanda. An an an an an	
Ca 227.546	4078.9	26116.5		µg/L				
Mean Data			• •					
ID: CCVM02ISBCCV1		с.	ea. No • 11	Samo	le No ·	13	A/S Pos: 3	
Sample Qty: 1		P	rep. Vol.:		U L		Dilution:	1.0: 1.0
		D	ata: Origin	al			A/S Pos: 3 Dilution: Date: 10/12/04	2:49:34 PM
			-					
							000124	
							VUVLAT	

Method: As, Cr,	Cu		Page 4	L	Date: 10/12/04	2:58:13 PM
	Mean Corr.	Mean	Calib	Mean	Sample	2
Element	Intensity	Conc.	Units	Conc.	Units	
Y 360.073	106433.7	0.966	µg/L			
Sc 361.383	493933.0		µg/L			
Al 308.215	47896.3	743.877	µg/L			
As 188.979	1979.3		µg/L			
Ba 233.527		19.2636	µg/L			
Ca 430.253	5463.1	1030.61	µg/L			
Cr 205.560	43.4	2.62944	µg/L			
Co 228.616		4.43394	µg/L			
Cu 324.752	11134.3	2.64728	µg/L			
Fe 273.955	10214.4	334.618	µg/L			
Mg 279.077			μq/L			
Ca 227.546	170.6	938.442	µg/L			· · · ·
ou 227.010	1,0,0		- , 2			
Mean Data			No. 10		λ/ς Dog 1	
		Seq.	NO.: 12 Sa	mple No.: 14	Dilution:	1.0: 1.0
Sampie Quy:	1.0000 g	Prep	. VOL.:	т.о т	Dilution: Date: 10/12/04	7.53.34 DM
		Dala			Date. 10/12/04	2.33.34 FM
	Mean Corr.		Calib	Mean		
Element	Intensity	Conc.	Units	Conc.	Units	
Y 360.073	Intensity 108052.7	0.980	µg/L			
	492323.7		µg/L			
Al 308.215		442.064	µg/L			
As 188.979	-4.9	4.42911	µg/L			
Ba 233.527	1385.1	9.59706	µg/L			
Ca 430.253		763.735	µg/L			
Cr 205.560	13.6	1.32742	L\pµ			
Co 228.616		2.57841	µg/L			
Cu 324.752	10348.4	0.995892	µg/L			
Fe 273.955	5829.7	191.559	µg/L			
Mg 279.077	11387.2	491.907	µg/L		E Constanting and the second se	
Ca 227.546		698.515	µg/L			
Mean Data ID: 241274-012				mple No.: 6		
ID. 2412/4-012	1 0000 T	Dren	NOT 22 25		Dilution.	1 0. 1 0
Sambre Scl.	1.0000 1	riep.	Original	T.O.T	Date: $10/12/04$	2.57.35 PM
		Data	. Orrgrinar		Dilution: Date: 10/12/04	
	Mean Corr.	Mean	Calib		Sample	
Element	Intensity	Conc.	Units	Conc.	Units	
Y 360.073	102452.3	0.930	µg/L			
Sc 361.383	495328.5	0.977	µg/L			
Al 308.215	96710.3	2149.43	$\mu g/L$	2149.43	µg/L	
As 188.979	42649.2	21127.1	µg/L	21127.1	µg/L	
Ba 233.527	1653.0	11.2559	µg/L	11.2559	µg/L	
Ca 430.253	559373.9	73116.6	µg/L	73116.6	µg/L	
Cr 205.560	3847.4	169.029	µg/L	169.029	µg/L	
Co 228.616	197.1	4.99691	µg/L	4.99691	µg/L	
Cu 324.752	47365.1	78.7760	µg/L	78.7760	µg/L	
Fe 273.955	15113.0	494.445	µg/L	494.445	μg/L	
Mg 279.077	255462.8	11438.1	µg/L	11438.1	hā\T	
Ca 227.546	12017.3	78057.3	µg/L	78057.3	µg/L	
			~y, 1		F-2,	

10/13/04

File Description IDL

Parameters Common To All Samples

Volume Units L * Sample Units µg/L Weight Units µg

Parameters That Vary With All Samples

A/S Location	Sample ID	Aliquot Volume	Diluted To Vol.
001 24	MB 76969		
002 25	LCS 76969		
003 26	241225-010S		
004 27	241225-010S MD		
005 28	241225-010S MSF	and the second	
006 29	241225-010S SD		
007 30	241225-002S	241	225
008 31	241225-004S	1	and the second data and the second
009 32	241225-006S	4 7	7556
010 33	241225-008S		7 556
011 34	241225-012S		
012 35	A 241225-014S		
013 36	G_241225-016S		
014 37	241225-018S		
015 38	241225-020S	241	197
016 39	241150-001S	0 ti	
017 40	241171-001S		17570
018 41	-(3) -241171-002S		17 370
019 42	241171-0035		
020 43	241171-004S		
021 44	241197-001S		
022 45	241197-001S MD		
023 46	241197-001S MS		
024 47	241197-001S MSF		1274
025 48	241197-001S SD	24	
026 49	241197-002S		
027 50	241197-0038	-8-	77571
028 51	(9 - 241225-0105 PDS Pb		
029 52	241197-0015 PDS P6,5		
030 53		re la	
031 54	241274-005		
032 55	-007		
033 56	-010	\widehat{D}_{-}	
034 57	241245-001	Re	4 77572
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Analyze QCs B 001 2,3,4,5,6,7,9,11		and an	ער איז

Method: TESTSc	Page 1	Date: 10/13/04	3:45:39 PM
Method: TESTSc Results: 101304R Sample Info: oct13 Method Description: CLP	IEC: 060404.IEC Spectra Stored: Yes User: User1	MSF: Method Stored: Y Date: 10/13/04	es 3:45:18 PM
Mean Data ID: IS Init	Seq. No.: 1 Data: Reprocessed	A/S Pos: 0 Date: 10/13/04	3:45:19 PM
Mean Corr. Element Intensity Y 360.073 98074.8 Sc 361.383 439681.3			
Mean Data ID: CALBLK	Seq. No.: 2 Data: Reprocessed	A/S Pos: 0 Date: 10/13/04	3:45:31 PM
Mean Corr.ElementIntensityY 360.07397999.1Sc 361.383434902.1Al 308.21525249.6Sb 206.83661.2As 188.979-14.9Ba 233.527-152.5Be 313.1079086.2Cd 226.502-325.4Ca 430.253272.1Cr 205.560-16.4Co 228.61620.9Cu 324.75210062.9Fe 273.955-25.2Pb 220.35324.5Mg 279.077288.4Mn 257.610658.8Ni 231.604109.3K 766.490187410.1Se 196.026-3.8Ag 338.28920.4Na 330.237-516.0F1 190.801-37.8V 292.4028.5Zn 206.20095.0B 249.677206.7Mo 202.0310.8Ca 227.54671.5Na 589.59223302.1		Calib Conc. Units 0.999 µg/L 0 µg/L	
Mean Data ID: CAL-1-A	Seq. No.: 3 Data: Reprocessed	A/S Pos: 0	3:45:39 PM
Mean Corr. Element Intensity Y 360.073 99678.7 Sc 361.383 463705.3 Al 308.215 650873.4 Ba 233.527 2897659.7 Be 313.107 1296190.3 Ca 430.253 348410.0 Cr 205.560 42478.4 Co 228.616 158311.4 Cu 324.752 1129691.4 Fe 273.955 280350.0 Mg 279.077 1032033.2 Mn 257.610 1894438.3 Ni 231.604 134441.1 Na 330.237 62003.4 V 292.402 295777.0 Zn 206.200 136083.4		Calib Conc. Units 1.016 µg/L 1.055 µg/L 20000 µg/L 20000 µg/L 500 µg/L 5000 µg/L 5000 µg/L 5000 µg/L 5000 µg/L 50000 µg/L 50000 µg/L 50000 µg/L 50000 µg/L 50000 µg/L 50000 µg/L 50000 µg/L	

Method: TESTSc

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Method: TESTSC		Page 2		Date: 10/13/04	
Ca 227.546	7053.3		50000	µg/L	
Mean Data					
ID: CAL-1-B		Seq. No.: 4 Data: Reprocessed		A/S Pos: 0 Date: 10/13/04	3:45:41 PM
	Mean Corr.			Calib	
Element	Intensity		Conc.	Units	terite internet in period
Y 360.073	107205.1		1.093	µg/L	
Sc 361.383	478425.5		1.088		
Ag 338.289	69114.8		750	µg/L	
Mean Data ID: CAL-3		Sec No · 5			
ID. CAL-5		Seq. No.: 5 Data: Reprocessed		Date: 10/13/04	3:45:44 PM
	Mean Corr.			Calib	
Element	Intensity		Conc.	Units	
Y 360.073	109510.4		1.117	µg/L	
Sc 361.383	489787.8		1.114		
Cd 226.502	38459.1			µg/L	
Pb 220.353	13201.6			hd/r	
Tl 190.801	2654.2		2000	µg/L	
1ean Data ID: K				A/S Pos: 0	·
ID: K		Data: Reprocessed		A/S POS: 0 Date: 10/13/04	3:45:47 PM
	Mean Corr.		· · · · · · · · · · · · · · · · · · ·	Calib	
Element	Intensity		Conc.	Units	
Y 360.073	104826.7		1.069		
Sc 361.383	476442.7		1.084		
Ca 430.253	64758.4		10000		
< 766.490	3870559.2		10000		
Va 330.237	10258.7		10000		
3 249.677	65081.5		2500	uq/L	
Ca 227.546	1361.8		10000		
Na 589.592	2381253.2		10000		
actual Dated					
ID: SB		Seq. No.: 7 Data: Reprocessed		A/S Pos: 0 Date: 10/13/04	3:45:49 PM
				Calib	
Plonent	Mean Corr.		Conc.		
Element	Intensity 108284.5		1.104		
Y 360.073			1.104	µg/ь ug/ī	
SC 361.383 SD 206.836	483962.6 7917.8		1.101 2500	µg/L	
Mean Data					· · · · · · · · · · · · · · · · · · ·
ID: 3-3		Seq. No.: 8 Data: Reprocessed		A/S Pos: 0	2.45.51 DM
		Data: Reprocessed		Date: 10/13/04	
	Mean Corr.			Calib	
Element	Intensity		Conc.	Units	
2 360.073	107274.2		1.094	µg/L	
Sc 361.383	473962.2		1.078	µg/L	
10 202.031	46691.1		6500	µg/L	
1ean Data		Seq. No.: 9			
ID: As		Seq. No.: 9 Data: Reprocessed		A/S Pos: 0 Date: 10/13/04	3:45:53 PM
	Mean Corr.			Calib	
Element	Intensity			Units	
Y 360.073	109064.7			µg/L	
Sc 361.383	488050.7			µg/L	
As 188.979	1367.9			µg/L	
Se 196.026	913.5			µg/L	
1ean Data			2		
ID: Na		Seq. No.: 10		A/S Pos: U	

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Method: TESTSc			Page 3		Date: 10/13/04	3:46:19 PM
	Mea	an Corr.		Cal	ib	
Element	In	ntensity		Conc. Uni	ts	
¥ 360.073		104532.9		1.066 µg/		
Sc 361.383		476943.5		1.085 µg/		
K 766.490		913478.5		5000 μg/		
Na 330.237		4942.8		5000 µg/		
Na 589.592	1.	103950.3		5000 μg/	L	
Mean Data						
TD: TCVM03AGTCV	702		Seq. No.: 11 Sample	No.: 2	A/S Pos: 0	
Sample Qty:	1.0000 g		Prep. Vol.: 1.0 L		Dilution:	1.0: 1.0
			Seq. No.: 11 Sample Prep. Vol.: 1.0 L Data: Reprocessed		Date: 10/13/04	3:46:06 PM
	Mean Corr.			Mean	Sample	
		Conc	Units	Conc.	Units	
Y 360.073	Intensity 107955.3	1.101	µg/L			
Sc 361.383	480469.1	1.093				
Al 308.215	25089.7					
Sb 206.836	49.5	-3.76298				
As 188.979		2.29326	μg/L			
Ba 233.527	822.7	6.73078	µg/L			
Be 313.107	9248.9	0.0919057	µg/L			
Cd 226.502	-261.3	1.65203				
Ca. 430.253	345.9	360.323				
Cr 205.560	16.7	1.55648				
Co 228.616	-87.1	-3.41198				
Cu 324.752	58958.1	109.177	µg/L			
Fe 273.955	209.4	8.91190				
Pb 220.353	-24.7	-7.47893				
Mg 279.077	612.0	15.6852	, 5			
Mn 257.610 Ni 231.604	1246.5 90.4	1.55133 -0.704148				
K 766.490	155137.3	16.9130	, <u> </u>			
Se 196.026	1.4	4.20065				
Aq 338.289	10074.6	109.136				
Na 330.237	-476.3	691.625				
T1 190.801	103.5	105.017				
V 292.402	-595.8	-10.2171	1 2 1			
Zn 206.200	128.0	1.21236				
B 249.677	51698.7	1984.29	hđ/r			
Mo 202.031	14568.3	2028.03	µg/L			
Ca 227.546	58.4	267.115				
Na 589.592	27608.8	157.266	μg/L			
Mean Data						
ID: ICVM02ISBIC	IV1		Seq. No.: 12 Sample		A/S Pos: 0	
Sample Qty:	1.0000 g		Prep. Vol.: 1.0 L	an a	Dilution: Date: 10/13/04	1.0: 1.0 3:46:18 PM
			Data: Reprocessed		Date: 10/13/04	3.40.10 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
Element	Intensity	Conc		Conc.	Units	
Y 360.073	108023.2	1.101		a she a she she		
Sc 361.383	484920.6	1.103				
Al 308.215	24108.1	-36.4994				
sb 206.836	1999.7	616.808				
As 188.979	948.8	522.698			•	
Ba 233.527	297.4	3.10507				
Be 313.107	8757.6	-0.120177				a a la companya da serie da s
Cd 226.502	9956.4	265.100				
Ca 430.253	435.6	373.163	12			
Cr 205.560	2.4	0.881454				
Co 228.616	17.2 9645.8	-0.118533				
Cu 324.752		-0.931336				
Fe 273.955 Pb 220.353	57.4 3498.8	3.08628				
Mg 279.077	401.2	5.46876				
Mg 279.077 Mn 257.610	830.7	0.453654				
Ni 231.604	99.9	-0.350587				
K 766.490	154925.5	16.3378				
Se 196.026	644.3	529.886				
Ag 338.289	-253.2	-2.96923				
Na 330.237	-910.8	347.548				
2000	JT0.0	511.510	ц /64			

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Method: TESTSc			Page 4		Date: 10/13/04	3:46:45 PM
m] 100 001	656.9	516.146	1) <i>~ /</i> T			
Tl 190.801 V 292.402	-148.2	-2.64962	µg/L µg/L			
Zn 206.200	133.0	1.39814	µg/L			
B 249.677	729.6	20.1524	hð, T			
Mo 202.031	4330.7	602.788	µg/L			
Ca 227.546	60.2	279.027	µg/L			
Na 589.592	26569.7	152.859	µg/L			
Mar Data				•		
Mean Data ID: ICVM03IRICV	701	Sea	No.: 13 Sample No.:	4	A/S Pos: 0	
Sample Qty:	1.0000 g	Prep.	Vol.: 1.0 L	•	Dilution:	1.0: 1.0
		Data:	Vol.: 1.0 L Reprocessed		Dilution: Date: 10/13/04	3:46:31 PM
77]	Mean Corr.	Mean	Calib	Mean Conc.	Sample Units	
Element Y 360.073	Intensity 105372.5		Units µg/L	conc.	UTLES	
Sc 361.383	475435.9	1.081	µg/L			
		4677.53	µg/L			
Sb 206.836		651.257	µg/L			
As 188.979	-11.8	0.126743	µg/L			
Ba 233.527	767098.3	5295.38	µg/L			
Be 313.107		120.011	µg/L			
Cd 226.502	-245.5	1.89137	µg/L			
Ca 430.253	81489.1	11948.4	µg/L Ng/I			
Cr 205.560 Co 228.616	10783.2 40122.5	508.276	μg/L μg/L			
Cu 324.752	279467.9	601.550	µg/L			
Fe 273.955	40122.3 279467.9 70095.2 9.7	2433.10	μg/L			
Pb 220.353	9.7	-1.81527	µg/L			
Mg 279.077		12562.4	µg/L			
Mn 257.610	483658.3	1275.02	µg/L			
Ni 231.604		1271.82	µg/L			
K 766.490	4919127.0	12951.5	µg/L			
Se 196.026 Ag 338.289	4.8 45192.3	7.92355 490.328	μg/L μg/L			
Na 330.237	13003.1		μαλη			
Tl 190.801	-34.7	1.40453	µg/L			
V 292.402	75374.0	1274.06	µg/L			
Zn 206.200	34414.1	1261.29	µg/L			
B 249.677	399.9	5.29261	µg/L			
Mo 202.031	4384.0	610.214	µg/L			
Ca 227.546 Na 589.592	1727.2 3104513.9	12016.6 13206.3	µg/L			
Na 309.392	5104515.9	15200.5	µg/L			
Mean Data						
ID: ICB	1.0000		No.: 14 Sample No.: 5	5	A/S Pos: 0	1 0 1 0
Sample Qty:	1.0000 g		Vol.: 1.0 L Reprocessed		Dilution: Date: 10/13/04	1.0: 1.0 3:46:44 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
Element	Intensity	Conc.	Units	Conc.	Units	
¥ 360.073	107622.5	1.097	µg/L	4		
Sc 361.383	477266.4	1.085	µg/L µg/I			
Al 308.215 Sb 206.836	24023.7 60.4	-39.3104 -0.260930	µg∕L µg∕L			
As 188.979	-11.1	2.04634	µg/L			
Ba 233.527	1648.3	12.4286	µg/L			
Be 313.107	9535.3	0.166471	µg/L			
Cd 226.502	-264.3	1.57584	µg/L			
Ca 430.253	451.7	375.473	µg/L			
Cr 205.560	10.8	1.28019	µg/L			
Co 228.616	112.0	2.87655	µg/L µg/I			
Cu 324.752 Fe 273.955	10178.8 161.3	0.258726 6.49902	μg/L μg/L			
Pb 220.353	16.4	-1.23359	µg/L			
Mg 279.077	932.2	31.1982	μg/L			
Mn 257.610	1692.4	2.72842	µg/L			
Ni 231.604	173.3	2.38083	µg/L			
K 766.490	160109.9	30.4138	µg/L			
Se 196.026	-0.5	2.69792	µg/L			
Ag 338.289	150.3	1.41082	µg/L			
Na 330.237	-602.4 -32.7	591.664 3.86002	µg/L Ng/I			
Tl 190.801	-32.1	3.00002	µg/L	0	00400	
				U	00130	

Method: TESTSC	2	27 	Page 5		Date: 10/13/04	3:47:11 PM
V 292.402	177.2	2.85150	µg/L			
Zn 206.200	129.5	1.27020	µg/L			
B 249.677	298.2	3.52249	µg/L			
Mo 202.031	40.8	5.57617	µg/L			
Ca 227.546	55.8	247.691	µg/L			
Na 589.592	25881.9	149.942	µg/L			
Mean Data						
	1001	Seq.	No.: 15 Sample No.:	6	A/S Pos: U	10
Sample Qty:	1.0000 g	Prep Data	No.: 15 Sample No.: Vol.: 1.0 L Reprocessed		Dilution: Date: 10/13/04	L.O: 1.(3:46:57 PM
	Mann Comm	Mean		Mean	Sample	
Element	Mean Corr. Intensity		Units	Conc.	Units	
Y 360.073		1.082	µg/L			
Sc 361.383	474075.0	1.078	µg/L			
Al 308.215		-37.4980	µg/L			
Sb 206.836		126.764	hā\r			
As 188.979	27.0	22.8131	hd\r hd\r			
	899.5					
Ba 233.527		7.26065	µg/L			
Be 313.107		10.1027	µg/L			
Cd 226.502		11.7337	µg/L			4
Ca 430.253		365.679	µg/L			
Cr 205.560	461.3	22.4787	µg/L			
Co 228.616	3524.3	110.663	µg/L			
Cu 324.752	33198.2	51.6583	hd\T			
Fe 273.955	775.1	22.9478	hd\r			
Pb 220.353	48.4	3.61875	µg/L			
Mg 279.077	582.9	14.2748	hd\r			
Mn 257.610	13891.9	34.9378	µg/L			
Ni 231.604	2518.0	89.6775	hd\T			
K 766.490	160829.2	32.3667	hd\r			
Se 196.026	10.4	11.6567	hd\T			
Ag 338.289	1991.7	21.3980	µg/L	e y en e		
Na 330.237	-445.5	714.971	μg/L			
Tl 190.801	-4.6	24.5889	hd\r	1		
V 292.402	6223.2	105.059	µg/L			
Zn 206.200	1294.3	44.0952	µg/L			
B 249.677	289.6	3.00908	µg/L			
Mo 202.031	22.5	3.02485	µg/L			
Ca 227.546	58.1	249.529	µg/L			
Na 589.592	28218.1	159.850	µg/L			
Mean Data	28218.1				A/S Pos: 0	
Mean Data ID: ISAM03ISA0	28218.1 	Seq.	No.: 16 Sample No.:	7	A/S Pos: 0 Dilution: 1	
Mean Data ID: ISAM03ISA0 Sample Qty:	28218.1 	Seq. Prep	No.: 16 Sample No.: Vol.: 1.0 L		Dilution: 1 Date: 10/13/04	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty:	28218.1 002 1.0000 g Mean Corr.	Seq. Prep Data Mean	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element	28218.1 002 1.0000 g Mean Corr. Intensity	Seq. Prep Data Mean Conc.	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units		Dilution: 1 Date: 10/13/04	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073	28218.1 002 1.0000 g Mean Corr. Intensity	Seq. Prep Data Mean Conc. 0.925	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073 Sc 361.383	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4	Seq. Prep Data Mean Conc. 0.925 0.968	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073	28218.1 002 1.0000 g Mean Corr. Intensity	Seq. Prep Data Mean Conc. 0.925	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7	Seq. Prep Data Mean Conc. 0.925 0.968	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: 	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5 1225.3	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5 1225.3 9557.0	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: 	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5 1225.3 9557.0 -57.1	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: 	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5 1225.3 9557.0	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: 	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5 1225.3 9557.0 -57.1	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908 -6.06618	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5 1225.3 9557.0 -57.1 3861654.9 27.1	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908 -6.06618 551518	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5 1225.3 9557.0 -57.1 3861654.9 27.1	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908 -6.06618 551518 2.04583 2.94377 -3.62336	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5 1225.3 9557.0 -57.1 3861654.9 27.1 114.1	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908 -6.06618 551518 2.04583 2.94377 -3.62336 185501	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5 1225.3 9557.0 -57.1 3861654.9 27.1 114.1 8440.2	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908 -6.06618 551518 2.04583 2.94377 -3.62336	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5 1225.3 9557.0 -57.1 3861654.9 27.1 114.1 8440.2 5200954.1	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908 -6.06618 551518 2.04583 2.94377 -3.62336 185501	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077	28218.1 	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908 -6.06618 551518 2.04583 2.94377 -3.62336 185501 3.24911	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: 	28218.1 	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908 -6.06618 551518 2.04583 2.94377 -3.62336 185501 3.24911 495987 5.16688	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604	28218.1 	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908 -6.06618 551518 2.04583 2.94377 -3.62336 185501 3.24911 495987	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490	28218.1 	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908 -6.06618 551518 2.04583 2.94377 -3.62336 185501 3.24911 495987 5.16688 -2.94630 70.6221	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5 1225.3 9557.0 -57.1 3861654.9 27.1 114.1 8440.2 5200954.1 -329.4 10234926.8 5677.2 30.2 174919.2 -35.8	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908 -6.06618 551518 2.04583 2.94377 -3.62336 185501 3.24911 495987 5.16688 -2.94630 70.6221 -5.73942	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISAO Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5 1225.3 9557.0 -57.1 3861654.9 27.1 114.1 8440.2 5200954.1 -329.4 10234926.8 5677.2 30.2 174919.2 -35.8 491.0	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908 -6.06618 551518 2.04583 2.94377 -3.62336 185501 3.24911 495987 5.16688 -2.94630 70.6221 -5.73942 5.10908	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISA0 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Fb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5 1225.3 9557.0 -57.1 3861654.9 27.1 114.1 8440.2 5200954.1 -329.4 10234926.8 5677.2 30.2 174919.2 -35.8 491.0 581.7	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908 -6.06618 551518 2.04583 2.94377 -3.62336 185501 3.24911 495987 5.16688 -2.94630 70.6221 -5.73942 5.10908 160.130	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISAC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 T1 190.801	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5 1225.3 9557.0 -57.1 3861654.9 27.1 114.1 8440.2 5200954.1 -329.4 10234926.8 5677.2 30.2 174919.2 -35.8 491.0 581.7 -81.0	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908 -6.06618 551518 2.04583 2.94377 -3.62336 185501 3.24911 495987 5.16688 -2.94630 70.6221 -5.73942 5.10908 160.130 1.01084	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM
Mean Data ID: ISAM03ISAC Sample Qty: 	28218.1 002 1.0000 g Mean Corr. Intensity 90699.7 425508.4 15829508.1 81.7 -38.5 1225.3 9557.0 -57.1 3861654.9 27.1 114.1 8440.2 5200954.1 -329.4 10234926.8 5677.2 30.2 174919.2 -35.8 491.0 581.7	Seq. Prep Data Mean Conc. 0.925 0.968 505141 -21.0479 -4.26703 9.50920 0.177908 -6.06618 551518 2.04583 2.94377 -3.62336 185501 3.24911 495987 5.16688 -2.94630 70.6221 -5.73942 5.10908 160.130	No.: 16 Sample No.: Vol.: 1.0 L Reprocessed Calib Units µg/L	Mean	Dilution: 1 Date: 10/13/04 Sample	3:47:10 PM

Method: TESTS				
	:		Page 6	Date: 10/13/04 3:47:39 PM
Zn 206.200	859.5	-5.39749	µg/L	
B 249.677	167.8	-1.50099	µg/L	
Mo 202.031	16.9	2.25232	µg/L	
Ca 227.546		539224	µg/L	
Na 589.592	50158.5	252.898	µg/L	
Mean Data				
ID: ISBM03ISR			Seq. No.: 17 Sample No.: 9	A/S Pos: U
Sample Qty:	1.0000 g		Prep. Vol.: 1.0 L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:24 PM
		1	Data: Reprocessed	Date: 10/13/04 3:47:24 PM
	Mean Corr.	Mean	Calib Mean	Sample
Element	Intensity			
Y 360.073	91114.5			
Sc 361.383	421572.6	0.929 0.959	µg/L	
Al 308.215	16241047.3	518284	µg/L	
Sb 206.836	2217.5	659.811	µq/L	
As 188.979	151.7	99.2786	µg/L	
Ba 233.527	78598.8	543.523	µg/L	
Be 313.107	1284651.3	494.072	µg/L	
Cd 226.502	36770.1	943.125	µg/L	
Ca 430.253	3967182.3	566582	µg/L	
Cr 205.560	10677.2	503.287	µg/L	
Co 228.616	15481.1	488.348	µg/L	
Cu 324.752	258383.0	554.470	μg/L	
Fe 273.955	5338359.8	190374	µg/L	
Pb 220.353	-33.2	49.5560	µg/L	
Mg 279.077	10512654.8	509446	µg/L	
Mn 257.610	199002.1	515.368	µg/L	
NÍ 231.604 K 766.490	25761.8 174453.5	954.920 69.3578	µg/L µg/L	
Se 196.026	39.8	56.8389	μg/L	
Ag 338.289	20839.6	225.987	µg/L	
Na 330.237	3116.8	2114.79	µg/L	
Tl 190.801	38.0	89.7230	µg/L	
V 292.402	30457.2	514.737	µg/L	
Zn 206.200	26563.1	938.780	µg/L	
B 249.677	127.2	-3.89245	µg/L	
Mo 202.031	5.7	0.682405	µg/L	
Ca 227.546	77862.1	557251	μg/L	
Na 589.592	40903.6	213.649	µg/L	
Mean Data				
Mean Data TD: CCVM03AGC0				A/S Pos: 0
ID: CCVM03AGCC	CV03	<u>-</u>		A/S Pos: 0 Dilution: 1.0: 1.0
	CV03	I	Seq. No.: 18 Sample No.: 11 Prep. Vol.: 1.0 L Data: Reprocessed	
ID: CCVM03AGCC	:V03 1.0000 g	I 	Prep. Vol.: 1.0 L Data: Reprocessed	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty:	2003 1.0000 g Mean Corr.	I I Mean	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: 	2V03 1.0000 g Mean Corr. Intensity	I I Mean Conc	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.973	2003 1.0000 g Mean Corr. Intensity 107496.6	I Mean Conc 1.096	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5	I Mean Conc 1.096 1.082	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8	Mean Conc 1.096 1.082 1086.11	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3	Mean Conc 1.096 1.082 1086.11 -2.89853	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7	Mean Conc 1.096 1.082 1086.11 -2.89853 2.31583	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7 162.9	H Mean Conc 1.096 1086.11 -2.89853 2.31583 2.17708	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 5223 -10.7 162.9 11250.5	Mean Conc 1.096 1.082 1086.11 -2.89853 2.31583 2.31583 2.17708 0.853927	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7 162.9 11250.5 -205.4	H Mean Conc 1.096 1086.11 -2.89853 2.31583 2.17708	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 5223 -10.7 162.9 11250.5	Mean Conc 1.096 1.082 1086.11 -2.89853 2.31583 2.31583 2.17708 0.853927 3.05753	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7 162.9 11250.5 -205.4 7854.8	Mean Conc 1.096 1.082 1086.11 -2.89853 2.31583 2.31583 2.17708 0.853927 3.05753 1432.02	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7 162.9 11250.5 -205.4 7854.8 18.2 -21.7 145521.2	Mean Conc. 1.096 1.082 1086.11 -2.89853 2.31583 2.17708 0.853927 3.05753 1432.02 1.62551 -1.34808 302.463	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7 162.9 11250.5 -205.4 7854.8 18.2 -21.7 145521.2 14922.0	Mean Conc. 1.096 1.082 1086.11 -2.89853 2.31583 2.17708 0.853927 3.05753 1432.02 1.62551 -1.34808 302.463 533.362	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7 162.9 11250.5 -205.4 7854.8 18.2 -21.7 145521.2 14922.0 -8.7	Mean Conc. 1.096 1.082 1086.11 -2.89853 2.31583 2.17708 0.853927 3.05753 1432.02 1.62551 -1.34808 302.463 533.362 -4.97686	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7 162.9 11250.5 -205.4 7854.8 18.2 -21.7 145521.2 14922.0 -8.7 26862.4	Mean Conc. 1.096 1.082 1086.11 -2.89853 2.31583 2.17708 0.853927 3.05753 1432.02 1.62551 -1.34808 302.463 533.362 -4.97686 1287.82	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7 162.9 11250.5 -205.4 7854.8 18.2 -21.7 145521.2 14922.0 -8.7 26862.4 1087.0	Mean Conc 1.096 1.086.11 -2.89853 2.31583 2.31583 2.17708 0.853927 3.05753 1432.02 1.62551 -1.34808 302.463 533.362 -4.97686 1287.82 1.10953	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7 162.9 11250.5 -205.4 7854.8 18.2 -21.7 145521.2 14922.0 -8.7 26862.4 1087.0 118.0	Mean Conc 1.096 1.082 1086.11 -2.89853 2.31583 2.31583 2.17708 0.853927 3.05753 1432.02 1.62551 -1.34808 302.463 533.362 -4.97686 1287.82 1.10953 0.321831	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490	2V03 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7 162.9 11250.5 -205.4 7854.8 18.2 -21.7 145521.2 14922.0 -8.7 26862.4 1087.0 118.0 151495.4	Mean Conc 1.096 1.082 1086.11 -2.89853 2.31583 2.31583 2.17708 0.853927 3.05753 1432.02 1.62551 -1.34808 302.463 533.362 -4.97686 1287.82 1.10953 0.321831 7.02495	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7 162.9 11250.5 -205.4 7854.8 18.2 -21.7 145521.2 14922.0 -8.7 26862.4 1087.0 118.0 151495.4 -1.3	Mean Conc 1.096 1.082 1086.11 -2.89853 2.31583 2.31583 2.17708 0.853927 3.05753 1432.02 1.62551 -1.34808 302.463 533.362 -4.97682 1.287.82 1.10953 0.321831 7.02495 2.10306	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7 162.9 11250.5 -205.4 7854.8 18.2 -21.7 145521.2 14922.0 -8.7 26862.4 1087.0 118.0 151495.4 -1.3 27896.0	Mean Conc 1.096 1.082 1086.11 -2.89853 2.31583 2.31583 2.17708 0.853927 3.05753 1432.02 1.62551 -1.34808 302.463 533.362 -4.97686 1287.82 1.10953 0.321831 7.02495 2.10306 302.582	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7 162.9 11250.5 -205.4 7854.8 18.2 -21.7 145521.2 14922.0 -8.7 26862.4 1087.0 118.0 151495.4 -1.3 27896.0 -579.5	Mean Conc 1.096 1.082 1086.11 -2.89853 2.31583 2.17708 0.853927 3.05753 1432.02 1.62551 -1.34808 302.463 533.362 -4.97686 1287.82 1.10953 0.321831 7.02495 2.10306 302.582 607.205	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7 162.9 11250.5 -205.4 7854.8 18.2 -21.7 145521.2 14922.0 -8.7 26862.4 1087.0 118.0 151495.4 -1.3 27896.0 -579.5 382.3	Mean Conc 1.096 1.082 1086.11 -2.89853 2.31583 2.31583 2.17708 0.853927 3.05753 1432.02 1.62551 -1.34808 302.463 533.362 -4.97686 1287.82 1.10953 0.321831 7.02495 2.10306 302.582	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM
ID: CCVM03AGCC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237	2003 1.0000 g Mean Corr. Intensity 107496.6 475668.5 59228.8 52.3 -10.7 162.9 11250.5 -205.4 7854.8 18.2 -21.7 145521.2 14922.0 -8.7 26862.4 1087.0 118.0 151495.4 -1.3 27896.0 -579.5	Mean Conc 1.096 1.082 1086.11 -2.89853 2.31583 2.31583 2.17708 0.853927 3.05753 1432.02 1.62551 -1.34808 302.463 533.362 -4.97686 1287.82 1.10953 0.321831 7.02495 2.10306 302.582 607.205 312.198	Prep. Vol.: 1.0 L Data: Reprocessed Calib Mean Units Conc. µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Dilution: 1.0: 1.0 Date: 10/13/04 3:47:38 PM

B 249.677 Mo 202.031		·	Page	7	· · · · · · · · · · · · · · · · · · ·	Date: 10/13/04	3:48:07	PM
Mo 202.031	26896.3	1028.51	µg/L	an a				
a 007 FAC	7430.7	1034.37	µg/L					
Ca 227.546	208.6	1344.63	µg/L					
Na 589.592			µg/L					
Mean Data ID: CCVM03IRCC			No. 10	Comple No i	10	J/G Dog O		
ID: CCVMU3IRCC	1 0000 a	Seq. Dret	NO.: 19 Vol :	I N T	12	A/S POS. 0 Dilution:	1.0:	1.
Sample Qty:		Data	. Vol.: .: Reprocessed	T.O T		Dilution: Date: 10/13/04	3:47:52	PM
	Mean Corr.		Cali		Mean	Sampl		
Element	Intensity	Conc.	Unit	4	Conc.			
¥ 360.073	101490.6	1.035 1.049	ug/L					
Sc 361.383	461104.2	1.049	µg/L					
Al 308.215	348908.5	10291.2 534.170	µg/L					
Sb 206.836	1713.0		µg/L				a second second	
As 188.979 Ba 233.527	1507902 1	-1.53856 10408.2	μg/L μg/L					
Be 313.107	653499.3	243.189	μg/L					
Cd 226.502	-211.1		μg/L					
Ca 430.253	174153.5	25181.7	µg/L			et al construction de la		
Cr 205.560	21644.7	1019.47	µg/L					
Co 228.616	80223.2	2533.39	µg/L					
Cu 324.752 Fe 273.955	560828.4 147049.3	1229.80 5110.16	μg/L μg/L					
Pb 220.353	10.1	-1.20760	μg/L					
Mg 279.077	530649.2	25702.1	μg/L					
Mn 257.610	965435.8	2546.81	µg/L					
Ni 231.604	68241.5	2536.50	µg/L					
K 766.490		27924.2	µg/L					
Se 196.026	3.7 72646.1	7.81857 788.331	µg/L					
Ag 338.289 Na 330.237		23603.9	µg/L µg/L					
Tl 190.801	-24.4	8.25118	μg/L					
V 292.402		2544.03	µg/L					
Zn 206.200	69080.4	2535.29	µg/L					
B 249.677	450.3	5.08011						
Mo 202.031	3603.0 3523.5	501.482 24677.7	µg/L					
Ca 227.546 Na 589.592		29951.9	µg/L µg/L					
Mean Data								
raotar Dotott			N_{\odot} · 20	Sample No .	13	A/S Pos: 0		
ID: CCVM02ISBC	CV1	Seq.	NO., 20	Dampie NO		The locate is a second	1.0.	1 (
ID: CCVM02ISBC Sample Qty:	CV1 1.0000 g	Seq. Prep Data	. Vol.: . Reprocessed	1.0 L		Dilution: Date: 10/13/04		
ID: CCVM02ISBC Sample Qty:		Data					3:48:07	
	Mean Corr.	Mean	Cali		Mean Conc.	Dilution: Date: 10/13/04 Sampl Units	3:48:07 e	
ID: CCVM02ISBC Sample Qty: Element Y 360.073		Data		b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383	Mean Corr. Intensity 108960.č 488812.5	Mean Conc. 1.111 1.112	Cali Unit µg/L µg/L	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215	Mean Corr. Intensity 108960.6 488812.5 32897.5	Mean Conc. 1.111 1.112 244.346	Cali Unit µg/L µg/L µg/L	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6	Mean Conc. 1.111 1.112 244.346 513.379	Cali Unit µg/L µg/L µg/L µg/L	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5	Mean Conc. 1.111 1.112 244.346 513.379 1004.11	Cali Unit µg/L µg/L µg/L µg/L	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5 2454.0	Mean Conc. 1.111 1.112 244.346 513.379	Cali Unit µg/L µg/L µg/L µg/L µg/L µg/L	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5 2454.0 10313.1	Mean Conc. 1.111 1.112 244.346 513.379 1004.11 17.9895	Cali Unit µg/L µg/L µg/L µg/L µg/L µg/L µg/L	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5 2454.0	Mean Conc. 1.111 1.112 244.346 513.379 1004.11 17.9895 0.471782	Cali Unit µg/L µg/L µg/L µg/L µg/L µg/L	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560	Mean Corr. Intensity 108960.¢ 488812.5 32897.5 1674.¢ 1836.5 2454.0 10313.1 19357.9 2433.7 40.6	Mean Conc. 1.111 1.112 244.346 513.379 1004.11 17.9895 0.471782 507.494 658.359 2.67917	Cali Unit µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616	Mean Corr. Intensity 108960.¢ 488812.5 32897.5 1674.¢ 1836.5 2454.0 10313.1 19357.9 2433.7 40.6 141.8	Mean Conc. 1.111 1.112 244.346 513.379 1004.11 17.9895 0.471782 507.494 658.359 2.67917 3.81785	Cali Unit µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5 2454.0 10313.1 19357.9 2433.7 40.6 141.8 10431.2	Mean Conc. 1.111 1.112 244.346 513.379 1004.11 17.9895 0.471782 507.494 658.359 2.67917 3.81785 0.822221	Cali Unit µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5 2454.0 10313.1 19357.9 2433.7 40.6 141.8 10431.2 3635.3	Mean Conc. 1.111 1.112 244.346 513.379 1004.11 17.9895 0.471782 507.494 658.359 2.67917 3.81785 0.822221 130.466	Cali Unit µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5 2454.0 10313.1 19357.9 2433.7 40.6 141.8 10431.2 3635.3 6691.2	Mean Conc. 1.111 1.112 244.346 513.379 1004.11 17.9895 0.471782 507.494 658.359 2.67917 3.81785 0.822221 130.466 1011.90	Cali Unit µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5 2454.0 10313.1 19357.9 2433.7 40.6 141.8 10431.2 3635.3	Mean Conc. 1.111 1.112 244.346 513.379 1004.11 17.9895 0.471782 507.494 658.359 2.67917 3.81785 0.822221 130.466	Cali Unit µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5 2454.0 10313.1 19357.9 2433.7 40.6 141.8 10431.2 3635.3 6691.2 7993.2 2449.8 204.9	Mean Conc. 1.111 1.112 244.346 513.379 1004.11 17.9895 0.471782 507.494 658.359 2.67917 3.81785 0.822221 130.466 1011.90 373.387 4.72230 3.56000	Cali Unit µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5 2454.0 10313.1 19357.9 2433.7 40.6 141.8 10431.2 3635.3 6691.2 7993.2 2449.8 204.9 162205.0	Mean Conc. 1.111 1.112 244.346 513.379 1004.11 17.9895 0.471782 507.494 658.359 2.67917 3.81785 0.822221 130.466 1011.90 373.387 4.72230 3.56000 36.1021	Cali Unit Ug/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µ	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5 2454.0 10313.1 19357.9 2433.7 40.6 141.8 10431.2 3635.3 6691.2 7993.2 2449.8 204.9 162205.0 1249.0	Mean Conc. 1.111 1.112 244.346 513.379 1004.11 17.9895 0.471782 507.494 658.359 2.67917 3.81785 0.822221 130.466 1011.90 373.387 4.72230 3.56000 36.1021 1024.34	Cali Unit Ug/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µ	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5 2454.0 10313.1 19357.9 2433.7 40.6 141.8 10431.2 3635.3 6691.2 7993.2 2449.8 204.9 162205.0 1249.0 624.6	Mean Conc. I.III I.II2 244.346 513.379 1004.11 17.9895 0.471782 507.494 658.359 2.67917 3.81785 0.822221 130.466 1011.90 373.387 4.72230 3.56000 36.1021 1024.34 6.55876	Cali Unit Ug/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µ	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5 2454.0 10313.1 19357.9 2433.7 40.6 141.8 10431.2 3635.3 6691.2 7993.2 2449.8 204.9 162205.0 1249.0 624.6 -913.2	Mean Conc. 1.111 1.112 244.346 513.379 1004.11 17.9895 0.471782 507.494 658.359 2.67917 3.81785 0.822221 130.466 1011.90 373.387 4.72230 3.56000 36.1021 1024.34 6.55876 344.801	Cali Unit Unit µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	b s	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 T1 190.801	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5 2454.0 10313.1 19357.9 2433.7 40.6 141.8 10431.2 3635.3 6691.2 7993.2 2449.8 204.9 162205.0 1249.0 624.6 -913.2 1316.7	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Cali Unit µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	b	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 T1 190.801 V 292.402	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5 2454.0 10313.1 19357.9 2433.7 40.6 141.8 10431.2 3635.3 6691.2 7993.2 2449.8 204.9 162205.0 1249.0 624.6 -913.2 1316.7 110.4	Mean Conc. 1.111 1.112 244.346 513.379 1004.11 17.9895 0.471782 507.494 658.359 2.67917 3.81785 0.822221 130.466 1011.90 373.387 4.72230 3.56000 36.1021 1024.34 6.55876 344.801 1006.33 1.72186	Cali Unit µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	b	Mean	Sampl	3:48:07 e	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 T1 190.801	Mean Corr. Intensity 108960.6 488812.5 32897.5 1674.6 1836.5 2454.0 10313.1 19357.9 2433.7 40.6 141.8 10431.2 3635.3 6691.2 7993.2 2449.8 204.9 162205.0 1249.0 624.6 -913.2 1316.7	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Cali Unit µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	b	Mean	Sampl	3:48:07 e	

3:48:21 PM	/L /L /L /L /L Sample No.: 14 A/S Pos: 0 1.0 L Dilution: 1.0: 1.0 ed Date: 10/13/04 3:48:21 PM lib Mean Sample its Conc. Units /L /L /L /L /L /L /L /L /L /L /L /L /L
3:48:21 PM	/L /L /L /L Sample No.: 14 A/S Pos: 0 1.0 L Dilution: 1.0: 1.0 ed Date: 10/13/04 3:48:21 PM Date: 10/13/04 3:48:21 PM lib Mean Sample its Conc. Units /L /L /L /L /L /L /L /L /L /L
3:48:21 PM	/L Sample No.: 14 A/S Pos: 0 1.0 L Dilution: 1.0: 1.0 ed Date: 10/13/04 3:48:21 PM lib Mean Sample its Conc. Units /L /L /L /L /L /L /L /L /L /L
3:48:21 PM	Sample No.: 14 A/S Pos: 0 1.0 L Dilution: 1.0: 1.0 ed Date: 10/13/04 3:48:21 PM lib Mean Sample its Conc. Units /L /L /L
3:48:21 PM	Sample No.: 14 A/S Pos: 0 1.0 L Dilution: 1.0: 1.0 ed Date: 10/13/04 3:48:21 PM lib Mean Sample its Conc. Units /L /L /L
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Method: TESTSc			Page	9	Date: 10/13/04	3:49:07 PM
Ca 227.546 Na 589.592	93.5 22851.3	517.490 137.089	µg∕L µg∕L	517.490 137.089	μg/L μg/L	
Mean Data						
ID: LCS 76969 Sample Qty:	1.0000 L	Se Pi Da	eq. No.: 23 S Sep. Vol.: Mta: Reprocessed	ample No.: 0 1.0 L	A/S Pos: 0 Dilution: 1 Date: 10/13/04	L.O: 1.C 3:48:51 PM
	Mary Came	Maan	Calib	Mean	Sample	
Element	Intensity	Conc.	Units µg/L	Conc.	Units	
Element Y 360.073 Sc 361.383 Al 308.215	118918.2	1.213	µg/L			
SC 361.383	481648.7 619073 6	18962 4	μg/L μg/L	18962.4	µg/L	
Sb 206.836	336.3	85.6028	µg/1 µg/L	85.6028		
As 188,979	1083.1	595.837	µg/L	595.837	µg/L	
Ba 233.527	378425.0	2612.85	μg/L μg/L μg/L	2612.85	μg/L- μg/L	
Be 313.107 Cd 226.502	434204.7 11763.6	163.900 309.983	hd\r hd\r	163.900 309.983	μg/L	
Ca 430.253	509907.2	73141.5	μg/L	505.500	μg/L	
Cr 205.560	10550.9	497.342	µg/L	497.342	µg/L	
		538.878	µg/L	538.878	µg/L	
Cu 324.752 Fe 273.955	99173.8	198.974 24484.1	μg/L μg/L	198.974 24484.1	μg/L μg/L	
Pb 220.353		476.374	μg/L			
	826566.6	40042.8	µg/⊥ µg/L			
Mn 257.610	552802.4	1457.13	μg/L μg/L	1457.13	hd\T	
Ni 231.604		481.485	µg/L	481.485	μg/L μg/L	
K 766.490 Se 196.026	3249837.5	8419.23 267.092	μg/L μg/L μg/L	8419.23 267.092	μg/L	
Aq 338.289	23231.4	251.949	ud/L	251.949		
Na 330.237	2859.7	3108.85	µg/L	3108.85	hd\r	
Tl 190.801		428.776	µg/L	428. 116.	µg/L	
V 292.402 Zn 206.200	26236.3 22019.3	443.384 804.210	μg/L μg/L		μg/L μg/L	
B 249.677	8155.8		μg/L			tan 1990. Ang ang ang ang ang ang ang ang ang ang a
Mo 202.031	2110.0	293.633	µg/L	293.633	µg/L	
Ca 227.546	2110.0 10310.0 309330.1	305.408 293.633 73581.7 1352.04		293.633	μg/L μg/L μg/L	
Ca 227.546 Na 589.592	10310.0 309330.1	73581.7 1352.04	μg/L μg/L μg/L	293.633 73581.7 1352.04	μg/L	
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Ca 227.546 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073	10310.0 309330.1 1.0000 L Mean Corr. Intensity 132555.8	73581.7 1352.04 	μg/L μg/L μg/L eq. No.: 24 S eep. Vol.: ta: Reprocessed Calib Units μg/L	293.633 73581.7 1352.04 ample No.: 0 1.0 L Mean	μg/L μg/L A/S Pos: 0 Dilution: 1 Date: 10/13/04 Sample	.0: 1.0 3:49:06 PM
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Ca 227.546 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836	10310.0 309330.1 1.0000 L Mean Corr. Intensity 132555.8 501480.8 1314293.9 57.3	73581.7 1352.04 Se Pr Da Mean Conc. 1.352 1.141 41201.7 -2.68616	μg/L μg/L μg/L eq. No.: 24 S rep. Vol.: ta: Reprocessed Calib Units μg/L μg/L μg/L μg/L	293.633 73581.7 1352.04 ample No.: 0 1.0 L Mean Conc. 41201.7 -2.68616	μg/L μg/L A/S Pos: 0 Dilution: 1 Date: 10/13/04 Sample Units μg/L μg/L	.0: 1.0 3:49:06 PM
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Ca 227.546 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107	10310.0 309330.1 1.0000 L Mean Corr. Intensity 132555.8 501480.8 1314293.9 57.3 11.6 36364.9 14197.7	73581.7 1352.04 Se Pr Da Mean Conc. 1.352 1.141 41201.7 -2.68616 14.8514 252.034 1.83023	µg/L µg/L µg/L eq. No.: 24 S rep. Vol.: tta: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	293.633 73581.7 1352.04 ample No.: 0 1.0 L Mean Conc. 41201.7 -2.68616 14.8514	µg/L µg/L A/S Pos: 0 Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L	.0: 1.0 3:49:06 PM
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Ca 227.546 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560	10310.0 309330.1 1.0000 L Mean Corr. Intensity 132555.8 501480.8 1314293.9 57.3 11.6 36364.9 14197.7. -188.0 229403.2 1005.3	73581.7 1352.04 Se Pr Da Mean Conc. 1.352 1.141 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829	μg/L μg/L μg/L eq. No.: 24 S eep. Vol.: tta: Reprocessed Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	293.633 73581.7 1352.04 ample No.: 0 1.0 L Mean Conc. 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829	μg/L μg/L A/S Pos: 0 Dilution: 1 Date: 10/13/04 Sample Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	.0: 1.0 3:49:06 PM
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Ca 227.546 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077	10310.0 309330.1 1.0000 L Mean Corr. Intensity 132555.8 501480.8 1314293.9 57.3 11.6 36364.9 14197.7 -188.0 229403.2 1005.3 1066.0 43865.4 2296305.4 419.8 288277.3	73581.7 1352.04 Se Pr Da Mean Conc. 1.352 1.141 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4	μg/L μg/L μg/L eq. No.: 24 S rep. Vol.: ta: Reprocessed Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	293.633 73581.7 1352.04 ample No.: 0 1.0 L Mean Conc. 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4	<pre>µg/L µg/L A/S Pos: 0 Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	.0: 1.0 3:49:06 PM
Ca 227.546 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610	10310.0 309330.1 1.0000 L Mean Corr. Intensity 132555.8 501480.8 1314293.9 57.3 11.6 36364.9 14197.7 -188.0 229403.2 1005.3 1066.0 43865.4 2296305.4 419.8 288277.3 745718.8	73581.7 1352.04 Se Pr Da Mean Conc. 1.352 1.141 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90	μg/L μg/L μg/L ig. No.: 24 S rep. Vol.: ta: Reprocessed Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	293.633 73581.7 1352.04 ample No.: 0 1.0 L Mean Conc. 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90	<pre>µg/L µg/L A/S Pos: 0 Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>	.0: 1.0 3:49:06 PM
Ca 227.546 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604	10310.0 309330.1 1.0000 L Mean Corr. Intensity 132555.8 501480.8 1314293.9 57.3 11.6 36364.9 14197.7 -188.0 229403.2 1005.3 1066.0 43865.4 2296305.4 419.8 288277.3 745718.8 1741.1	73581.7 1352.04 Se Pr Da Mean Conc. 1.352 1.141 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90 60.7446	μg/L μg/L μg/L rep. Vol.: ta: Reprocessed Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	293.633 73581.7 1352.04 ample No.: 0 1.0 L Mean Conc. 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90 60.7446	<pre>µg/L µg/L A/S Pos: 0 Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>	.0: 1.0 3:49:06 PM
Ca 227.546 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Fb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490	10310.0 309330.1 1.0000 L Mean Corr. Intensity 132555.8 501480.8 1314293.9 57.3 11.6 36364.9 14197.7 -188.0 229403.2 1005.3 1066.0 43865.4 2296305.4 419.8 288277.3 745718.8 1741.1 1108760.3	73581.7 1352.04 Se Pr Da Mean Conc. 1.352 1.141 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90 60.7446 2606.06	<pre>µg/L µg/L µg/L rep. Vol.: tta: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	293.633 73581.7 1352.04 ample No.: 0 1.0 L Mean Conc. 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90	<pre>µg/L µg/L A/S Pos: 0 Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>	.0: 1.0 3:49:06 PM
Ca 227.546 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026	10310.0 309330.1 1.0000 L Mean Corr. Intensity 132555.8 501480.8 1314293.9 57.3 11.6 36364.9 14197.7 -188.0 229403.2 1005.3 1066.0 43865.4 2296305.4 419.8 288277.3 745718.8 1741.1	73581.7 1352.04 Se Pr Da Mean Conc. 1.352 1.141 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90 60.7446	μg/L μg/L μg/L rep. Vol.: ta: Reprocessed Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	293.633 73581.7 1352.04 ample No.: 0 1.0 L Mean Conc. 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90 60.7446 2606.06 17.9710 1.79902	A/S Pos: 0 Dilution: 1 Date: 10/13/04 Sample Units ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	.0: 1.0 3:49:06 PM
Ca 227.546 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237	10310.0 309330.1 1.0000 L Mean Corr. Intensity 132555.8 501480.8 1314293.9 57.3 11.6 36364.9 14197.7 -188.0 229403.2 1005.3 1066.0 43865.4 2296305.4 419.8 288277.3 745718.8 1741.1 1108760.3 -10.9 186.1 740.9	73581.7 1352.04 Se Pr Da Mean Conc. 1.352 1.141 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90 60.7446 2606.06 17.9710 1.79902 1515.65	<pre>µg/L µg/L µg/L eq. No.: 24 S cep. Vol.: tta: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	293.633 73581.7 1352.04 ample No.: 0 1.0 L 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90 60.7446 2606.06 17.9710 1.79902 1515.65	A/S Pos: 0 Dilution: 1 Date: 10/13/04 Sample Units ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	.0: 1.0 3:49:06 PM
Ca 227.546 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801	10310.0 309330.1 1.0000 L Mean Corr. Intensity 132555.8 501480.8 1314293.9 57.3 11.6 36364.9 14197.7 -188.0 229403.2 1005.3 1066.0 43865.4 2296305.4 419.8 288277.3 745718.8 1741.1 1108760.3 -10.9 186.1 740.9 -42.2	73581.7 1352.04 Se Pr Da Mean Conc. 1.352 1.141 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90 60.7446 2606.06 17.9710 1.79902 1515.65 -1.30681	<pre>µg/L µg/L µg/L µg/L</pre>	293.633 73581.7 1352.04 ample No.: 0 1.0 L Mean Conc. 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90 60.7446 2606.06 17.9710 1.79902 1515.65 -1.30681	<pre>µg/L µg/L A/S Pos: 0 Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>	.0: 1.0 3:49:06 PM
Ca 227.546 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 T1 190.801 V 292.402	10310.0 309330.1 1.0000 L Mean Corr. Intensity 132555.8 501480.8 1314293.9 57.3 11.6 36364.9 14197.7 -188.0 229403.2 1005.3 1066.0 43865.4 2296305.4 419.8 288277.3 745718.8 1741.1 1108760.3 -10.9 186.1 740.9 -42.2 3282.6	73581.7 1352.04 Se Pr Da Mean Conc. 1.352 1.141 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90 60.7446 2606.06 17.9710 1.79902 1515.65 -1.30681 55.3475	<pre>µg/L µg/L µg/L µg/L</pre>	293.633 73581.7 1352.04 ample No.: 0 1.0 L Mean Conc. 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90 60.7446 2606.06 17.9710 1.79902 1515.65 -1.30681 55.3475	<pre>µg/L µg/L A/S Pos: 0 Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>	.0: 1.0 3:49:06 PM
Ca 227.546 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.285 Na 330.237 T1 190.801 V 292.402 Zn 206.200	10310.0 309330.1 1.0000 L Mean Corr. Intensity 132555.8 501480.8 1314293.9 57.3 11.6 36364.9 14197.7 -188.0 229403.2 1005.3 1066.0 43865.4 2296305.4 419.8 288277.3 745718.8 1741.1 1108760.3 -10.9 186.1 740.9 -42.2 3282.6 7168.2	73581.7 1352.04 Se Pr Da Mean Conc. 1.352 1.141 41201.7 -2.68616 14.8513 41.2023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90 60.7446 2606.06 17.9710 1.79902 1515.65 -1.30681 55.3475 258.128	<pre>µg/L µg/L µg/L µg/L</pre>	293.633 73581.7 1352.04 ample No.: 0 1.0 L Mean Conc. 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90 60.7446 2606.06 17.9710 1.79902 1515.65 -1.30681	A/S Pos: 0 Dilution: 1 Date: 10/13/04 Sample Units µg/L	.0: 1.0 3:49:06 PM
Ca 227.546 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 T1 190.801 V 292.402	10310.0 309330.1 1.0000 L Mean Corr. Intensity 132555.8 501480.8 1314293.9 57.3 11.6 36364.9 14197.7 -188.0 229403.2 1005.3 1066.0 43865.4 2296305.4 419.8 288277.3 745718.8 1741.1 1108760.3 -10.9 186.1 740.9 -42.2 3282.6	73581.7 1352.04 Se Pr Da Mean Conc. 1.352 1.141 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90 60.7446 2606.06 17.9710 1.79902 1515.65 -1.30681 55.3475	<pre>µg/L µg/L µg/L µg/L</pre>	293.633 73581.7 1352.04 ample No.: 0 1.0 L Mean Conc. 41201.7 -2.68616 14.8514 252.034 1.83023 -2.19080 33044.5 48.0829 33.0116 75.4769 81899.1 62.4311 13956.4 1966.90 60.7446 2606.06 17.9710 1.79902 1515.65 -1.30681 55.3475 258.128	<pre>µg/L µg/L A/S Pos: 0 Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>	.0: 1.0 3:49:06 PM

Method: TESTSc				Page		4	Date: 10/13/04		
Na 589.592	52457.2	262.647		μ	g/L	262.647	μg/L	ander en service de la service General de la service de la General de la service de la	
Mean Data				No · 25	 Samr		A/S Pos: A		
Sample Ofv:			Pren.	Vol :	Jany	0 T	Dilution:	1.0:	1.0
Dempire Sch.	1.0000 1		Data:	Reproces	sed	ч	A/S Pos: 0 Dilution: Date: 10/13/04	3:49:21	PM
	Mean Corr.	Mean Conc 1.311 1.128 48777.0 -1.00238 11.4779 2000.026		C	alib	Mean Conc.	Sample	3	
Element Y 360.073	Intensity	Conc	•	נU	nits ~/T	Conc.	Units		
Sc 361.383	496049 5	1 128		μ	у/ Ц т / Т,				
Al 308.215	496049.5 1551163.5	48777.0		μ	7/L	48777.0 -1.00238	μg/L		
Sb 206.836	59.5	-1.00238		μ	g/L	-1.00238	μg/L		
As 188.979	6.0	11.4779		μα	g/L	11.4779			
Al 308.213 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502	30133.4	209.026		μ	<u>با / ا</u>	209.026	μg/L uz/T		
Be 313.107	14060.8	1./6401		μα	ğ/⊥ γ/т	1.76401 -3.11897	μg/L μg/L		
Ca 430 253	97848 2	14242 1		. μι	у/ц т/Т.		JUC/T.		
Ca 430.253 Cr 205.560	1098.0	52.4467		μ	1/L	52.4467 31.9819 61.0950	µg/L		
Co 220 616	1022 /			μ	J/L	31.9819	µg/L		
Cu 324.752	37424.4	31.9819 61.0950		μ	J/L	61.0950	hd\T		
Fe 273.955	2539334.1 407.5	90566.9		μ	J/L	90566.9	hd/T		
Pb 220.353	294062 2	60./960 14236.8			ј/ш т/Т	6U.196U	μg/L μg/L		
Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026	601944 4	1587.30		μ	a/ r/L	90566.9 60.7960 14236.8 1587.30 61.5470 2045.48 19.3775	μg/L μg/L		
Ní 231.604	1762.7	61.5470		μ	1/L	61.5470	µg/L		
K 766.490	902289.3	2045.48		րվ բն	J/L	2045.48	µg/L		
Se 196.026	-14.2	19.3775		μ	J/L	19.3775	μg/I		
Ag 338.289	154.6	1.45663 1330.00		μi μi	j∕L	$1.45663 \\ 1330.00 \\ -1.77638 \\ 5000022$	μg/L μg/L		
Na 330.237	433.1			μα	ij/⊥ -/т	1330.00	μg/L μg/L		
Tl 190.801 V 292.402	-41.3 3557.3	-1.77638		μ	у/Т.	59.9922	μg/L		
Zn 206.200	6360.2	228.133		μ. μ	7/L	228.133			
P 240 677	101 0	-0 627901		រុជ	r/L	-0 627901	ILCE/T.		
Mo 202.031	6.4	0.779246		μα	g∕L	0.779246	hd/r		
Mo 202.031 Ca 227.546	191.8 6.4 1969.1	0.779246		۲۹ بی بی بی بی بی بی	J/L J/L	15236.8	µg/L ug/L		
Na 589.592	55778.7	276.733		μα μα	ј/L	15236.8 276.733	μg/L μg/L μg/L		
Ca 227.546 Na 589.592	55778.7	276.733		ц ц ц	ј/L ј/L	15236.8 276.733	μg/L μg/L μg/L		
Ca 227.546 Na 589.592	55778.7	276.733		ц ц ц	ј/L ј/L	15236.8 276.733	μg/L μg/L μg/L	1.0:	1.0
Ca 227.546 Na 589.592	55778.7	276.733		ц ц ц	ј/L ј/L	15236.8 276.733	μg/L μg/L μg/L	1.0: 3:49:36	1.0 PM
Na 589.592 Mean Data ID: 241225-010S Sample Qty:	55778.7	13236.0 276.733	Seq. Prep. Data:	No.: 26 Vol.: Reprocess	J/L Samp 1. sed	15236.8 276.733 le No.: 0 0 L	µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04	1.0: 3:49:36	1.0 PM
<pre>Ca 227.346 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element</pre>	MSF 1.0000 L Mean Corr. Intensity	13236.0 276.733 Mean Conc	Seq. Prep. Data:	po po No.: 26 Vol.: Reprocess Ca Ur	J/L Samp l. sed lib nits	15236.8 276.733 le No.: 0 0 L	μg/L μg/L μg/L	1.0: 3:49:36	1.0 PM
<pre>Ca 227.346 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073</pre>	1989.1 55778.7 MSF 1.0000 L Mean Corr. Intensity 128032.8	13238.0 276.733 Mean Conc 1.305	Seq. Prep. Data:	μα μα No.: 26 Vol.: Reprocess Ca Ur	J/L Samp l. sed lib hits J/L	15236.8 276.733 le No.: 0 0 L	µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04	1.0: 3:49:36	1.0 PM
<pre>Ca 227.346 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383</pre>	MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4	13238.6 276.733 Mean Conc 1.305 1.147	Seq. Prep. Data:	μα μα No.: 26 Vol.: Reprocess Ca Ur μα	J/L Samp l. sed lib hits J/L	15236.8 276.733 le No.: 0 0 L Mean Conc.	µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units	1.0: 3:49:36	1.0 PM
<pre>Ca 227.346 Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215</pre>	MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7	13238.0 276.733 Mean Conc 1.305 1.147 53014.2	Seq. Prep. Data:	μα μα No.: 26 Vol.: Reprocess Ca Ur μα μα	<pre>//L //L //L //L //L //L //L</pre>	15236.8 276.733 le No.: 0 0 L Mean Conc. 53014.2	µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units µg/L	1.0: 3:49:36	1.0 PM
<pre>Ca 227.346 Na 589.592 Mean Data ID: 241225-010s Sample Qty:</pre>	MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3	13238.6 276.733 Mean Conc 1.305 1.147	Seq. Prep. Data:	μα μα No.: 26 Vol.: Reprocess Ca Un μα μα μα	<pre>//L //L //L //L //L //L //L</pre>	15236.8 276.733 le No.: 0 0 L Mean Conc.	µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units	1.0: 3:49:36	1.0 PM
<pre>Ca 227.346 Na 589.592 Mean Data ID: 241225-010S Sample Qty:</pre>	MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9	Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188	Seq. Prep. Data:	μς μς No.: 26 Vol.: Reprocess Ca Ur μς μς μς μς	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	15236.8 276.733 De No.: 0 0 L Mean Conc. 53014.2 18.1628 40.4824 227.188	µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L	1.0: 3:49:36	1.0 PM
<pre>Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107</pre>	MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9	Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 1.63641	Seq. Prep. Data:	μς μς νοι.: 26 Vol.: Reprocess Ca Un μς μς μς μς μς μς	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	15236.8 276.733 ele No.: 0 0 L Mean Conc. 53014.2 18.1628 40.4824 227.188 1.63641	µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L	1.0: 3:49:36	1.0 PM
<pre>Ma 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502</pre>	MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4	Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 1.63641 46.2282	Seq. Prep. Data:	μς νοι: 26 Vol.: Reprocess Un μς μς μς μς μς μς μς	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	15236.8 276.733 le No.: 0 0 L Mean Conc. 53014.2 18.1628 40.4824 227.188 1.63641 46.2282	µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L	1.0: 3:49:36	1.0 PM
<pre>Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253</pre>	MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9	Mean 276.733 Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5	Seq. Prep. Data:	μς Νο.: 26 Vol.: Reprocess Οι μς μς μς μς μς μς μς μς μς	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	15236.8 276.733 le No.: 0 0 L Mean Conc. 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5	µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L	1.0: 3:49:36	1.0 PM
<pre>Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560</pre>	MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9 1139.3	Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905	Seq. Prep. Data:	μς Νο.: 26 Vol.: Reprocess Ca Un μς μς μς μς μς μς μς μς μς μς μς μς μς	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	15236.8 276.733 le No.: 0 0 L Mean Conc. 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905	µg/L µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L	1.0: 3:49:36	1.0 PM
<pre>Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616</pre>	MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9 1139.3 1034.0	Mean 276.733 	Seq. Prep. Data:	μς Νο.: 26 Vol.: Reprocess Οι μς μς μς μς μς μς μς μς μς μς μς μς μς	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	15236.8 276.733 le No.: 0 0 L Mean Conc. 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012	µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0: 3:49:36	1.0 PM
<pre>Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752</pre>	MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9 1139.3	13238.0 276.733 276.733 Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 1.63641 46.220 1140.5 54.3905 32.0012 56.1565 85773.3	Seq. Prep. Data:	μς Νο.: 26 Vol.: Reprocess Οι μς μς μς μς μς μς μς μς μς μς μς μς μς	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	15236.8 276.733 le No.: 0 0 L Mean Conc. 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905	µg/L µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L	1.0: 3:49:36	1.0 PM
<pre>Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353</pre>	1989.1 55778.7 MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9 1139.3 1034.0 35212.7 2404937.9 501.7	13236.0 276.733 276.733 Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315	Seq. Prep. Data:	μς Νο.: 26 Vol.: Reprocess Ca Ur μς μς μς μς μς μς μς μς μς μς μς μς μς	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	15236.8 276.733 le No.: 0 0 L 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315	<pre>µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>	1.0: 3:49:36	1.0 PM
Ma 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077	1969.1 55778.7 MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9 1139.3 1034.0 35212.7 2404937.9 501.7 299743.1	Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1	Seq. Prep. Data:	μς Νο.: 26 Vol.: Reprocess Οτ Οτ μς μς μς μς μς μς μς μς μς μς μς μς μς	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	15236.8 276.733 le No.: 0 0 L 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1	<pre>µg/L µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0: 3:49:36	1.0 PM
Ma 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610	1989.1 55778.7 MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9 1139.3 1034.0 35212.7 2404937.9 501.7 299743.1 488683.2	Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1 1288.26	Seq. Prep. Data:	μς νοι: 26 Vol.: Reprocess Ca Un μς μς μς μς μς μς μς μς μς μς μς μς μς	Samp 1. sed 1. sed 1. sed 1. sed 1. s/L s/L s/L s/L s/L s/L s/L s/L s/L s/L	15236.8 276.733 de No.: 0 0 L 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1 1288.26	<pre>µg/L µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0: 3:49:36	1.0 PM
Ma 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604	1989.1 55778.7 MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9 1139.3 1034.0 35212.7 2404937.9 501.7 299743.1 488683.2 1805.8	Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1 1288.26 63.1520	Seq. Prep. Data:	μς νοι: 26 Vol.: Reprocess Ca Ur μς μς μς μς μς μς μς μς μς μς μς μς μς	Samp Samp 1. sed 1. j/L j/L j/L j/L j/L j/L j/L j/L j/L j/L	15236.8 276.733 le No.: 0 0 L Mean Conc. 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1 1288.26 63.1520	<pre>µg/L µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0: 3:49:36	1.0 PM
Ma 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Fb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490	1969.1 55778.7 MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9 1139.3 1034.0 35212.7 2404937.9 501.7 299743.1 488683.2 1805.8 929960.9	Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1 1288.26 63.1520 2120.61	Seq. Prep. Data:	μς νοι: 26 Vol.: Reprocess Ca Ur μς μς μς μς μς μς μς μς μς μς μς μς μς	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	15236.8 276.733 le No.: 0 0 L Mean Conc. 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1 1288.26 63.1520 2120.61	<pre>µg/L µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0: 3:49:36	1.0 PM
<pre>Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026</pre>	1989.1 55778.7 MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9 1139.3 1034.0 35212.7 2404937.9 501.7 299743.1 488683.2 1805.8	Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1 1288.26 63.1520	Seq. Prep. Data:	μς νοι: 26 Vol.: Reprocess 	Samp Samp 1. sed 1. j/L j/L j/L j/L j/L j/L j/L j/L j/L j/L	15236.8 276.733 le No.: 0 0 L Mean Conc. 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1 1288.26 63.1520	<pre>µg/L µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1.0: 3:49:36	1.0 PM
Ma 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490	1969.1 55778.7 MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9 1139.3 1034.0 35212.7 2404937.9 501.7 299743.1 488683.2 1805.8 929960.9 -8.5 137.6 517.7	Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1 1288.26 63.1520 2120.61 22.6348 1.27281 1412.82	Seq. Prep. Data:	μς νοι: 26 Vol.: Reprocess Ca Un μς μς μς μς μς μς μς μς μς μς μς μς μς	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	15236.8 276.733 le No.: 0 0 L Mean Conc. 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1 1288.26 63.1520 2120.61 22.6348 1.27281 1412.82	<pre>µg/L µg/L µg/L µg/L</pre>	1.0: 3:49:36	1.0 PM
Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801	1969.1 55778.7 MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9 1139.3 1034.0 35212.7 2404937.9 501.7 299743.1 488683.2 1805.8 929960.9 -8.5 137.6 517.7 14.8	Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1 1288.26 63.1520 2120.61 22.6348 1.27281 1412.82 39.7899	Seq. Prep. Data:	μς No.: 26 Vol.: Reprocess Ca Un μς μς μς μς μς μς μς μς μς μς μς μς μς	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	$15236.8 \\ 276.733$ $(le No.: 0) \\ 1 \\ (le No.: 0) \\ 1 \\ (le No.: 0) \\ $	<pre>µg/L µg/L µg/L µg/L</pre>	1.0: 3:49:36	1.0 PM
Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402	1969.1 55778.7 MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9 1139.3 1034.0 35212.7 2404937.9 501.7 299743.1 488683.2 1805.8 929960.9 -8.5 137.6 517.7 14.8 3692.2	Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1 1288.26 63.1520 2120.61 22.6348 1.27281 1412.82 39.7899 62.2722	Seq. Prep. Data:	μς νοι: 26 Vol.: Reprocess Οι μς μς μς μς μς μς μς μς μς μς μς μς μς	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	$15236.8 \\ 276.733$ $(le No.: 0) \\ L$ $(le No.: 0) \\ Mean \\ Conc.$ $53014.2 \\ 18.1628 \\ 40.4824 \\ 227.188 \\ 1.63641 \\ 46.2282 \\ 11440.5 \\ 54.3905 \\ 32.0012 \\ 56.1565 \\ 85773.3 \\ 75.6315 \\ 14512.1 \\ 1288.26 \\ 63.1520 \\ 2120.61 \\ 22.6348 \\ 1.27281 \\ 1412.82 \\ 39.7899 \\ 62.2722 \\ (le locological line line line line line line line lin$	<pre>µg/L µg/L µg/L µg/L</pre>	1.0: 3:49:36	1.0 PM
Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200	1969.1 55778.7 MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9 1139.3 1034.0 35212.7 2404937.9 501.7 299743.1 488683.2 1805.8 929960.9 -8.5 137.6 517.7 14.8 3692.2 6854.1	Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1 1288.26 63.1520 2120.61 22.634 1.27281 1412.82 39.7899 62.2722 246.126	Seq. Prep. Data:	μς Νο.: 26 Vol.: Reprocess Οι μς μς μς μς μς μς μς μς μς μς μς μς μς	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	$15236.8 \\ 276.733$ $(le No.: 0) \\ U$ $(le No.: 0) \\ Mean \\ Conc. \\(le No.: 0) \\ S3014.2 \\ 18.1628 \\ 40.4824 \\ 227.188 \\ 1.63641 \\ 46.2282 \\ 11440.5 \\ 54.3905 \\ 32.0012 \\ 56.1565 \\ 85773.3 \\ 75.6315 \\ 14512.1 \\ 1288.26 \\ 63.1520 \\ 2120.61 \\ 22.6348 \\ 1.27281 \\ 1412.82 \\ 39.7899 \\ 62.2722 \\ 246.126 \\ (le S) \\ 246.126 \\ (le S) \\ 216.126 \\ (le S) \\ 1412.82 \\ 39.7899 \\ 62.2722 \\ 246.126 \\ (le S) \\ 216.126 \\ (le S) \\ 1412.82 \\ (le S) \\$	<pre>µg/L µg/L µg/L µg/L</pre>	1.0: 3:49:36	1.0 PM
Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677	1969.1 55778.7 MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9 1139.3 1034.0 35212.7 2404937.9 501.7 299743.1 488683.2 1805.8 929960.9 -8.5 137.6 517.7 14.8 3692.2 6854.1 173.3	Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1 1288.26 63.1520 2120.61 22.638 1.520 2120.61 22.638 1.5220 2120.61 22.638 1.520 2120.61 22.638 1.520 2120.61 22.638 1.520 2120.61 22.638 1.520 2120.61 22.638 1.520 2120.61 22.638 1.520 2.2728 1.412.82 39.7899 62.2722 246.126 -1.33864	Seq. Prep. Data:	μς Νο.: 26 Vol.: Reprocess ΟΓ μς μς μς μς μς μς μς μς μς μς μς μς μς	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	$15236.8 \\ 276.733$ He No.: 0 0 L $53014.2 \\ 18.1628 \\ 40.4824 \\ 227.188 \\ 1.63641 \\ 46.2282 \\ 11440.5 \\ 54.3905 \\ 32.0012 \\ 56.1565 \\ 85773.3 \\ 75.6315 \\ 14512.1 \\ 1288.26 \\ 63.1520 \\ 2120.61 \\ 22.6348 \\ 1.27281 \\ 1412.82 \\ 39.7899 \\ 62.2722 \\ 246.126 \\ -1.33864 \\ \end{cases}$	<pre>µg/L µg/L µg/L µg/L</pre>	1.0: 3:49:36	1.0 PM
<pre>Na 589.592 Mean Data ID: 241225-010S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200</pre>	1969.1 55778.7 MSF 1.0000 L Mean Corr. Intensity 128032.8 504191.4 1683695.7 119.3 59.6 32764.9 13748.9 1700.4 78267.9 1139.3 1034.0 35212.7 2404937.9 501.7 299743.1 488683.2 1805.8 929960.9 -8.5 137.6 517.7 14.8 3692.2 6854.1	Mean Conc 1.305 1.147 53014.2 18.1628 40.4824 227.188 40.4824 227.188 1.63641 46.2282 11440.5 54.3905 32.0012 56.1565 85773.3 75.6315 14512.1 1288.26 63.1520 2120.61 22.634 1.27281 1412.82 39.7899 62.2722 246.126	Seq. Prep. Data:	но.: 26 Vol.: Reprocess Ga Un μg μg μg μg μg μg μg μg μg μg μg μg μg	<pre>//L //L //L //L //L //L //L //L //L //L</pre>	$15236.8 \\ 276.733$ $(le No.: 0) \\ U$ $(le No.: 0) \\ Mean \\ Conc. \\(le No.: 0) \\ S3014.2 \\ 18.1628 \\ 40.4824 \\ 227.188 \\ 1.63641 \\ 46.2282 \\ 11440.5 \\ 54.3905 \\ 32.0012 \\ 56.1565 \\ 85773.3 \\ 75.6315 \\ 14512.1 \\ 1288.26 \\ 63.1520 \\ 2120.61 \\ 22.6348 \\ 1.27281 \\ 1412.82 \\ 39.7899 \\ 62.2722 \\ 246.126 \\ (le S) \\ 246.126 \\ (le S) \\ 216.126 \\ (le S) \\ 1412.82 \\ 39.7899 \\ 62.2722 \\ 246.126 \\ (le S) \\ 216.126 \\ (le S) \\ 1412.82 \\ (le S) \\$	<pre>µg/L µg/L µg/L µg/L</pre>	1.0: 3:49:36	1.0 PM

Mat	-hod.	TESTSC	

ID: 241225-01	ÚS SD	Se	eq. No.: 27 Sa	mple No.: 0	A/S Pos: 0 Dilution: 1.0: 1
Sample Qty:	1.0000 L	P: Da	rep. Vol.: ata: Reprocessed	1.0 L	Dilution: 1.0: 1 Date: 10/13/04 3:49:52 PM
	Mean Corr.	 Mean			
Element	Intensity			Mean Conc.	Units
Y 360.073	113405.9	1.156	µg/L		
	484555.1	1.102	µg/L		
	287778 7	8391.19	µq/L	8391.19	µg/L
Sb 206.836	52.9 -7.6 7543.4	-2.91734	µg/L	-2.91734	µg/L
As 188.979	-7.6	4.07756	µg/L	4.07756	µg/L
Ba 233.527	7543.4	53.1152	µg/L	53.1152	µg/L
Be 313.107	9658.6	0.190133	µg/L	0.190133	µg/L
Cd 226.502	-256.5	0.533916	µg/L	0.533916	µg/L
Ca 430.253	46126.4	6892.60	µg/L	6892.60	µg/L
Cr 205.560	200.7	10.2134	µg/L	10.2134	µg/L
Co 228.616	236.3	6.80240	µg/L	6.80240	µg/L
Cu 324.752	16530.5	14.4412	µg/L	14.4412	µg/L
Te 273.955	497941.4	17760.1	µg/L	17760.1	µg/L
220.353	102.3	12.2701	µg/L	12.2701	µg/L
Mg 279.077	62274.6	3003.95	µg/L	3003.95	µg/L
Mn 257.610	161323.1	424.141	µg/L	424.141	µg/L
Ni 231.604	443.0	12.4216	µg/L	12.4216	µg/L
X 766.490	311020.5	440.146	µg/L	440.146	µg/L
Se 196.026	-5.1 96.8 -193.5	4.13949	µg/L	4.13949	µg/L
Ag 338.289	96.8	0.829727	µq/L	0.829727	µg/L
Na 330.237	-193.5	886.692	µq/L	886.692	µg/L
F1 190.801	-36.8	1.15965	µq/L	1.15965	µg/L
/ 292.402	-36.8 687.4	11.4762	ug/L	11.4762	µg/L
3n 206.200	1603.2	55.0524	hd/r	55.0524	µg/L
	199.3	-0.294239	µg/L	-0.294239	µg/L
3 249.677					/-
	2.2	0.201708	µg/L	0.201708	µg/L
Mo 202.031 Ca 227.546	2.2	7007 75	μg/L μg/L	7087.75	µg/L
B 249,677 Mo 202.031 Ca 227.546 Na 589.592	2.2 978.6 21238.4	7087.75 130.249			
Mo 202.031 Ca 227.546 Na 589.592	2.2 978.6 21238.4	7087.75 130.249	µg/L µg/L	7087.75 130.249	μg/L μg/L
Mo 202.031 Ca 227.546 Na 589.592 Mean Data	2.2 978.6 21238.4 25	7087.75 130.249 S€	µg/L µg/L 29. No.: 28 Sa	7087.75 130.249 mple No.: 0	µg/L µg/L A/S Pos: 0
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002	2.2 978.6 21238.4 25 1.0000 L	7087.75 130.249 Se P1 D2	µg/L µg/L eq. No.: 28 Sa cep. Vol.: ata: Reprocessed	7087.75 130.249 mple No.: 0 1.0 L	µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM
40 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002 Sample Qty:	2.2 978.6 21238.4 25 1.0000 L Mean Corr.	7087.75 130.249 Se Pr Da Mean	µg/L µg/L eq. No.: 28 Sa cep. Vol.: ata: Reprocessed Calib	7087.75 130.249 mple No.: 0 1.0 L Mean	µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample
40 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002 Sample Qty: Clement	2.2 978.6 21238.4 225 1.0000 L Mean Corr. Intensity	7087.75 130.249 	µg/L µg/L eq. No.: 28 Sa cep. Vol.: ata: Reprocessed Calib	7087.75 130.249 mple No.: 0 1.0 L	µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM
40 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002 Sample Qty: Slement 2 360.073	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1	7087.75 130.249 Se Pr Da Mean Conc. 1.460	µg/L µg/L eq. No.: 28 Sa cep. Vol.: ata: Reprocessed Calib Units µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean	µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample
40 202.031 Ca 227.546 Va 589.592 4ean Data ID: 241225-002 Sample Qty: Clement C 360.073 Sc 361.383	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1 506368.8	7087.75 130.249 Se Pr Da Mean Conc. 1.460 1.152	µg/L µg/L eq. No.: 28 Sa rep. Vol.: ata: Reprocessed Calib Units µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc.	μg/L μg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units
40 202.031 2a 227.546 Ja 589.592 4ean Data 5D: 241225-002 5ample Qty: 	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1	7087.75 130.249 See Pr Da Mean Conc. 1.460 1.152 42499.1	µg/L µg/L eq. No.: 28 Sa cep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1	μg/L μg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units μg/L
40 202.031 2a 227.546 Ja 589.592 4ean Data DD: 241225-002 5ample Qty: 	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2	7087.75 130.249 Se Pr Da Mean Conc. 1.460 1.152 42499.1 -1.48515	µg/L µg/L eq. No.: 28 Sa rep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1 -1.48515	μg/L μg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units μg/L μg/L
<pre>40 202.031 Ca 227.546 Va 589.592 4ean Data ID: 241225-002 Sample Qty: Clement (360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979</pre>	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3	7087.75 130.249 See P1 D2 Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103	µg/L µg/L eq. No.: 28 Sa rep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1 -1.48515 11.5103	μg/L μg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units μg/L μg/L μg/L
<pre>40 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002 Sample Qty: Clement (360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527</pre>	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0	7087.75 130.249 See Pr Da Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314	µg/L µg/L eq. No.: 28 Sa rep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1 -1.48515 11.5103 164.314	μg/L μg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units μg/L μg/L μg/L μg/L μg/L
<pre>Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002 Sample Qty: Clement Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107</pre>	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5	7087.75 130.249 See P1 D2 Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994	µg/L µg/L eq. No.: 28 Sa cep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1 -1.48515 11.5103 164.314 1.27994	µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L
<pre>Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002 Sample Qty: Clement Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502</pre>	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4	7087.75 130.249 See P1 D2 Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096	µg/L µg/L eq. No.: 28 Sa cep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096	μg/L μg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L
<pre>40 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002 Sample Qty: Cample Qty</pre>	2.2 978.6 21238.4 225 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1	7087.75 130.249 See P1 D2 Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46	µg/L µg/L eq. No.: 28 Sa cep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46	μg/L μg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L
<pre>40 202.031 Ca 227.546 Va 589.592 4ean Data ID: 241225-002 Sample Qty: Clement (360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Sa 233.527 Se 313.107 Cd 226.502 Ca 430.253 Cr 205.560</pre>	2.2 978.6 21238.4 225 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0	7087.75 130.249 See P1 D2 Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288	µg/L µg/L µg/L eq. No.: 28 Sa cep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288	<pre>µg/L µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>
<pre>40 202.031 Ca 227.546 Va 589.592 4ean Data ID: 241225-002 Sample Qty: Clement 7 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Sa 233.527 Se 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616</pre>	2.2 978.6 21238.4 225 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9	7087.75 130.249 See Pr Da Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507	µg/L µg/L µg/L eq. No.: 28 Sa cep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507	μg/L μg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L
<pre>40 202.031 Ca 227.546 Va 589.592 4ean Data ID: 241225-002 Sample Qty: 5 5 5 6 6 7 7 8 7 8 7 8 7 8 7 8 7 9 8 7 9 7 9 7 9</pre>	2.2 978.6 21238.4 225 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2	7087.75 130.249 See Pr Da Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269	µg/L µg/L µg/L eq. No.: 28 Sa rep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269	μg/L μg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L
<pre>40 202.031 Ca 227.546 Va 589.592 4ean Data ID: 241225-002 Sample Qty: 51 Ca 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955</pre>	2.2 978.6 21238.4 21238.4 225 1.0000 L 225 1.0000 L 225 1.0000 L 225 1.0000 L 225 1.0000 L 205 206368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2 2494297.2	7087.75 130.249 See Pr Da Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7	µg/L µg/L µg/L eq. No.: 28 Sa rep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7	<pre>µg/L µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units % % % % % % % % % % % % % % % % % %</pre>
40 202.031 Ca 227.546 Va 589.592 Mean Data LD: 241225-002 Sample Qty: Sample Qty: Sample Qty: Sample Qty: Sci 361.383 A1 308.215 Sb 206.836 As 188.979 Ba 233.527 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 200.353 353	2.2 978.6 21238.4 21238.4 225 1.0000 L 225 1.0000 L 225 1.0000 L 225 1.0000 L 225 1.0000 L 20368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2 2494297.2 332.4	7087.75 130.249 See Pr Da Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569	µg/L µg/L µg/L eq. No.: 28 Sa rep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569	<pre>µg/L µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>
40 202.031 Ca 227.546 Va 589.592 Mean Data ID: 241225-002 Sample Qty: Sample Qty: Sample Qty: Sample Qty: Sci 361.383 Al A1 308.215 Sb 206.836 As 188.979 Ba 233.527 Ba 233.527 Ba 233.527 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Sci 220.353 4g 279.077	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2 2494297.2 332.4 439368.4	7087.75 130.249 Se Pr Da Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5	µg/L µg/L µg/L eq. No.: 28 Sa rep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5	<pre>µg/L µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units Sample Units xg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µ</pre>
40 202.031 Ca 227.546 Va 589.592 Mean Data ID: 241225-002 Sample Qty: Sample Qty: Scient 360.073 Sci 361.383 Al A1 308.215 Sb 206.836 As 188.979 Ba 233.527 Ba 24.752 Fe 273.955 Ba 279.077 Ma 279.0	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2 2494297.2 332.4 439368.4 946043.1	7087.75 130.249 	µg/L µg/L µg/L eq. No.: 28 Sa rep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68	<pre>µg/L µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units xample Units yg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µ</pre>
40 202.031 Ca 227.546 Va 589.592 Mean Data LD: 241225-002 Sample Qty: Sample Qty: Science 360.073 Science 361.383 A1 308.215 Sb 206.836 As 188.979 Ba 233.527 Ba 233.527 Ba 233.527 Ba 235.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 4g 279.077 fm 257.610 Vi 231.604	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2 2494297.2 332.4 439368.4 946043.1 2157.8	7087.75 130.249 	µg/L µg/L µg/L eq. No.: 28 Sa rep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68 76.2537	<pre>µg/L µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units xample Units yg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µ</pre>
<pre>40 202.031 Ca 227.546 Va 589.592 4ean Data ID: 241225-002 Sample Qty: 5c 361.383 A1 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Ag 279.077 fn 257.610 Vi 231.604 X 766.490</pre>	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2 2494297.2 332.4 439368.4 946043.1 2157.8 913610.1	7087.75 130.249 See Pr Da Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 8989.46 54.3288 37.0507 8.5569 21278.5 2495.68 76.2537 2076.22	µg/L µg/L µg/L eq. No.: 28 Sa rep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68 76.2537 2076.22	<pre>µg/L µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units xample Units xample Units xample Units xample Units yg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µ</pre>
<pre>40 202.031 Ca 227.546 Va 589.592 4ean Data ID: 241225-002 Sample Qty: 5c 361.383 A1 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Ag 275.077 An 257.610 Vi 231.604 C 766.490 Se 196.026</pre>	2.2 978.6 21238.4 21238.4 225 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2 2494297.2 332.4 439368.4 946043.1 2157.8 913610.1 -15.7	7087.75 130.249 See P1 D2 Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 8989.46 54.3288 37.0507 83.2269 8960.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130	µg/L µg/L µg/L eq. No.: 28 Sa rep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130	<pre>µg/L µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units % % % % % % % % % % % % % % % % % % %</pre>
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002 Sample Qty: Carrier	2.2 978.6 21238.4 21238.4 225 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2 2494297.2 332.4 439368.4 946043.1 2157.8 913610.1 -15.7 79.6	7087.75 130.249 See P1 D2 Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 8989.46 54.3288 37.0507 83.2269 8960.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130 0.643509	µg/L µg/L µg/L eq. No.: 28 Sa cep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130 0.643509	<pre>µg/L µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units % % % % % % % % % % % % % % % % % % %</pre>
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002 Sample Qty: Carried Control Con	2.2 978.6 21238.4 21238.4 225 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2 2494297.2 332.4 439368.4 946043.1 2157.8 913610.1 -15.7 79.6 443.5	7087.75 130.249 Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130 0.643509 1324.24	µg/L µg/L µg/L eq. No.: 28 Sa rep. Vol.: ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	7087.75 130.249 mple No.: 0 1.0 L Mean Conc. 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130 0.643509 1324.24	<pre>µg/L µg/L µg/L Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>
<pre>Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002 Sample Qty: Cample Qty</pre>	2.2 978.6 21238.4 21238.4 225 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2 2494297.2 332.4 439368.4 946043.1 2157.8 913610.1 -15.7 79.6 443.5 -40.9	7087.75 130.249 See Pr Da Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130 0.643509 1324.24 -1.77626	<pre>µg/L µg/L µg/L</pre>	7087.75 130.249 mple No.: 0 1.0 L	<pre>µg/L µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg</pre>
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002 Sample Qty: Cample Qty: Cam	2.2 978.6 21238.4 21238.4 225 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2 2494297.2 332.4 439368.4 946043.1 2157.8 913610.1 -15.7 79.6 443.5 -40.9 3383.7	7087.75 130.249 Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 8980.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130 0.643509 1324.24 -1.77626 57.0576	<pre>µg/L µg/L µg/L</pre>	7087.75 130.249 mple No.: 0 1.0 L 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130 0.643509 1324.24 -1.77626 57.0576	<pre>µg/L µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units % % % % % % % % % % % % % % % % % %</pre>
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002 Sample Qty: Cample Qty: Cam	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2 2494297.2 332.4 439368.4 946043.1 2157.8 913610.1 -15.7 79.6 443.5 -40.9 3383.7 6905.4	7087.75 130.249 See Pr Da Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 8980.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130 0.643509 1324.24 -1.77626 57.0576 248.196	<pre>µg/L µg/L µg/L</pre>	7087.75 130.249 mple No.: 0 1.0 L 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130 0.643509 1324.24 -1.77626 57.0576 248.196	<pre>µg/L µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units % % % % % % % % % % % % % % % % % %</pre>
<pre>Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002 Sample Qty: </pre>	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2 2494297.2 332.4 439368.4 946043.1 2157.8 913610.1 -15.7 79.6 443.5 -40.9 3383.7 6905.4 157.9	7087.75 130.249 Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130 0.643509 1324.24 -1.77626 57.0576 248.196 -1.94067	<pre>µg/L µg/L µg/L</pre>	7087.75 130.249 mple No.: 0 1.0 L 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130 0.643509 1324.24 -1.77626 57.0576 248.196 -1.94067	μg/L μg/L μg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units μg/L
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002 Sample Qty: Element Y 360.073	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2 2494297.2 332.4 439368.4 946043.1 2157.8 913610.1 -15.7 79.6 443.5 -40.9 3383.7 6905.4	7087.75 130.249 Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130 0.643509 1324.24 -1.77626 57.0576 248.196 -1.94067 -1.21136	<pre>µg/L µg/L µg/L</pre>	7087.75 130.249 mple No.: 0 1.0 L 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130 0.643509 1324.24 -1.77626 57.0576 248.196	<pre>µg/L µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units % % % % % % % % % % % % % % % % % %</pre>
<pre>Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241225-002 Sample Qty: </pre>	2.2 978.6 21238.4 25 1.0000 L Mean Corr. Intensity 143212.1 506368.8 1354754.1 57.2 6.3 23655.0 12793.5 -210.4 61039.1 1138.0 1193.9 47336.2 2494297.2 332.4 439368.4 946043.1 2157.8 913610.1 -15.7 79.6 443.5 -40.9 3383.7 6905.4 157.9	7087.75 130.249 Mean Conc. 1.460 1.152 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130 0.643509 1324.24 -1.77626 57.0576 248.196 -1.94067	<pre>µg/L µg/L µg/L</pre>	7087.75 130.249 mple No.: 0 1.0 L 42499.1 -1.48515 11.5103 164.314 1.27994 -3.26096 8989.46 54.3288 37.0507 83.2269 88960.7 48.5569 21278.5 2495.68 76.2537 2076.22 17.6130 0.643509 1324.24 -1.77626 57.0576 248.196 -1.94067	μg/L μg/L μg/L A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:50:08 PM Sample Units μg/L

Method: TESTSc			Page		Date: 10/13/04 3:50:58 PM
Mean Data		· · · · · · · · · · · · · · · · · · ·			
ID: 241225-004S	1 0000 T		Seq. No.: 29	Sample No.: 0	A/S Pos: 0 Dilution: 1.0. 1
Saupre Qcy.	т.0000 П		Data: Reprocessed	T.0 T	A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:24 PM
	Mean Corr.	Mean	Cali	h Mean	Sample
Element Y 360.073	Intensity	Conc			
Y 360.073	123403.1	1.258	. Unit: µg/L		
Sc 361.383 Al 308.215	491444.9	1.118	µg/L		
Al 308.215	1057071.1	32983.9	µg/L	32983.9	μg/L
Sb 206.836	57.3	-1.28117	µg/L		
	-2.8 21807.1			6.54002 151.560	µg/L ug/T
Ba 233.327 Be 313 107	21007.1	0 936856	μg/L μg/L	0 936856	μg/L μg/L
Be 313.107 Cd 226.502	-237 5	-1 85898	hā\r hā\r	-1 85898	µg/L
Ca 430.253	24527.6	3782.55	μg/L		µg/L
Cr 205.560	744.8	35.8253	ua/L	35 8253	ua/T.
Co 228.616	688.7	21.0935	µg/L	21 0935	µg/L
Cu 324.752	26915.4	37.6295	µg/L	37.6295	µg/L
Fe 273.955	1652287.2	58930.1	µg/L	58930.1	
Pb 220.353	240.5 192834.7	34.4166	µg/L		μg/L
				9331.10	µg/L ug/T
Mn 257.610 Ni 231.604	681887.6 1207.3				µg/L µg/L
K 766.490	676030 0	40.8742 1431.17	μg/L μg/L		µg/L µg/L
Se 196.026	-12.1			11,1771	ug/L
Ag 338.289	46.5		ug/L	0.283733	µg/L
Na 330.237	293.9	1239.48	µg/L	1239.48	hd/T
T1 190.801	-40.5	-1.77332	μg/L	-1.77332	
V 292.402	2351.6 4216.4	39.6094	μg/L	39.6094	µg/L
Zn 206.200	4216.4	150.040	µg/L	150.040	
B 249.677	197.5	-0.388361	μg/L μg/L	-0.388361 -0.723251	μg/L
	-4.4		1107/1-	-0./23251	µg/L
MO 202.031	5017	- 44E1 0C	дд/ <u>ш</u>	4451 00	and /T
Ca 227.546 Na 589.592	521.7 100912.5	4451.96 468.144	μg/L μg/L	4451.96 468.144	μg/L μg/L
Na 589.592 Mean Data	521.7 100912.5	4451.96 468.144	μg/L μg/L	4451.96 468.144	µg/L µg/L
Ca 227.546 Na 589.592 Mean Data	521.7 100912.5	4451.96 468.144	µg/L µg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed	4451.96 468.144 Sample No.: 0 1.0 L	µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty:	521.7 100912.5 1.0000 L	4451.96 468.144	µg/L µg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed	4451.96 468.144 Sample No.: 0 1.0 L	µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty:	521.7 100912.5 1.0000 L	4451.96 468.144	µg/L µg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed	4451.96 468.144 Sample No.: 0 1.0 L	µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0	4451.96 468.144 Mean Conc 1.529	µg/L µg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik Units µg/L	4451.96 468.144 Sample No.: 0 1.0 L	µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6	4451.96 468.144 Mean Conc 1.529 1.161	µg/L µg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik Units µg/L µg/L	4451.96 468.144 Sample No.: 0 1.0 L Mean s Conc.	µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2	4451.96 468.144 Mean Conc 1.529 1.161 45314.4	µg/L µg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik Units µg/L µg/L µg/L	4451.96 468.144 Sample No.: 0 1.0 L Mean s Conc. 45314.4	µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6	4451.96 468.144 Mean Conc 1.529 1.161	µg/L µg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik Units µg/L µg/L	4451.96 468.144 Sample No.: 0 1.0 L Mean s Conc.	µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9	4451.96 468.144 Mean Conc 1.529 1.161 45314.4 -7.58568	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik Units μg/L μg/L μg/L μg/L μg/L	4451.96 468.144 Sample No.: 0 1.0 L Mean s Conc. 45314.4 -7.58568	µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5	4451.96 468.144 Mean Conc 1.529 1.161 45314.4 -7.58568 24.1979 255.580 1.71499	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L	4451.96 468.144 Sample No.: 0 1.0 L Mean Conc. 45314.4 -7.58568 24.1979 255.580 1.71499	<pre>µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L</pre>
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6	4451.96 468.144 Mean Conc 1.529 1.161 45314.4 -7.58568 24.1979 255.580 1.71499 -4.22161	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	4451.96 468.144 Sample No.: 0 1.0 L Mean Conc. 45314.4 -7.58568 24.1979 255.580 1.71499 -4.22161	<pre>µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5	4451.96 468.144 Mean Conc 1.529 1.161 45314.4 -7.58568 24.1979 255.580 1.71499 -4.22161 85065.4	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calil Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	4451.96 468.144 Sample No.: 0 1.0 L Mean Conc. 45314.4 -7.58568 24.1979 255.580 1.71499 -4.22161 85065.4	<pre>µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5 1391.0	4451.96 468.144 	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calil Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	4451.96 468.144 Sample No.: 0 1.0 L Mean Conc. 45314.4 -7.58568 24.1979 255.580 1.71499 -4.22161 85065.4 66.2360	<pre>µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5 1391.0 1603.1	4451.96 468.144 	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	4451.96 468.144 Sample No.: 0 1.0 L Mean Conc. 45314.4 -7.58568 24.1979 255.580 1.71499 -4.22161 85065.4 66.2360 49.9771	<pre>µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5 1391.0 1603.1 55831.7	4451.96 468.144 	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	4451.96 468.144 Sample No.: 0 1.0 L 9 Mean Conc. 45314.4 -7.58568 24.1979 255.580 1.71499 -4.22161 85065.4 66.2360 49.9771 102.196	<pre>µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5 1391.0 1603.1 55831.7 2980072.8	4451.96 468.144 	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik . Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	4451.96 468.144 Sample No.: 0 1.0 L Mean Conc. 45314.4 -7.58568 24.1979 255.580 1.71499 -4.22161 85065.4 66.2360 49.9771 102.196 106286	<pre>µg/L µg/L A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/</pre>
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5 1391.0 1603.1 55831.7 2980072.8 354.3	4451.96 468.144 	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik . Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	4451.96 468.144 Sample No.: 0 1.0 L Mean Conc. 45314.4 -7.58568 24.1979 255.580 1.71499 -4.22161 85065.4 66.2360 49.9771 102.196 106286 53.2104	<pre>µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5 1391.0 1603.1 55831.7 2980072.8 354.3 492675.9	4451.96 468.144 	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	4451.96 468.144 Sample No.: 0 1.0 L Mean Conc. 45314.4 -7.58568 24.1979 255.580 1.71499 -4.22161 85065.4 66.2360 49.9771 102.196 106286 53.2104 23861.9	<pre>µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5 1391.0 1603.1 55831.7 2980072.8 354.3 492675.9 1046893.6	4451.96 468.144 	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calih Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	$\begin{array}{r} 4451.96\\ 468.144\\\\\\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	<pre>µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units <pre> µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5 1391.0 1603.1 55831.7 2980072.8 354.3 492675.9	4451.96 468.144 	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	4451.96 468.144 Sample No.: 0 1.0 L Mean Conc. 45314.4 -7.58568 24.1979 255.580 1.71499 -4.22161 85065.4 66.2360 49.9771 102.196 106286 53.2104 23861.9	<pre>µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units <pre> µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Fb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5 1391.0 1603.1 55831.7 2980072.8 354.3 492675.9 1046893.6 2833.3 1935337.9 -8.5	4451.96 468.144 	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calih Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	$\begin{array}{r} 4451.96\\ 468.144\\ \hline \\ 468.144\\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	<pre>µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units <pre> µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5 1391.0 1603.1 55831.7 2980072.8 354.3 492675.9 1046893.6 2833.3 1935337.9 -8.5 144.7	4451.96 468.144 	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calib Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	4451.96 468.144 Sample No.: 0 1.0 L Mean Conc. 45314.4 -7.58568 24.1979 255.580 1.71499 -4.22161 85065.4 66.2360 49.9771 102.196 106286 53.2104 23861.9 2761.90 101.401 4850.28 24.6449 1.34925	<pre>µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5 1391.0 1603.1 55831.7 2980072.8 354.3 492675.9 1046893.6 2833.3 1935337.9 -8.5 144.7 1216.2	4451.96 468.144 	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	4451.96 468.144 Sample No.: 0 1.0 L Mean Conc. 45314.4 -7.58568 24.1979 255.580 1.71499 -4.22161 85065.4 66.2360 49.9771 102.196 106286 53.2104 23861.9 2761.90 101.401 4850.28 24.6449 1.34925 1739.12	<pre>µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: 	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5 1391.0 1603.1 55831.7 2980072.8 354.3 492675.9 1046893.6 2833.3 1935337.9 -8.5 144.7 1216.2 -51.6	4451.96 468.144 	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calih Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	$\begin{array}{r} 4451.96\\ 468.144\\\\\\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	<pre>µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: 	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5 1391.0 1603.1 55831.7 2980072.8 354.3 492675.9 1046893.6 2833.3 1935337.9 -8.5 144.7 1216.2 -51.6 3744.6	4451.96 468.144 	μg/L μg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik . Units μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	$\begin{array}{r} 4451.96\\ 468.144\\\\\\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	<pre>µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units pg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µ
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: 	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.3 6878.7 13957.5 -200.5 593550.5 1391.0 1603.1 55831.7 2980072.8 354.3 492675.9 1046893.6 2833.3 1935337.9 -8.5 144.7 1216.2 -51.6 3744.6 8003.3	4451.96 468.144 	<pre>µg/L µg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik . Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	$\begin{array}{r} 4451.96\\ 468.144\\\\\\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	<pre>µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: 	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5 1391.0 1603.1 55831.7 2980072.8 354.3 492675.9 1046893.6 2833.3 1935337.9 -8.5 144.7 1216.2 -51.6 3744.6 8003.3 271.1	4451.96 468.144 	<pre>µg/L µg/L yg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	$\begin{array}{r} 4451.96\\ 468.144\\\\\\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	<pre>µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: 	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.0 1391.0 1603.1 55831.7 2980072.8 354.3 492675.9 1046893.6 2833.3 1935337.9 -8.5 144.7 1216.2 -51.6 3744.6 8003.3 271.1 12.9	4451.96 468.144 	<pre>µg/L µg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calih . Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	$\begin{array}{r} 4451.96\\ 468.144\\\\\\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	<pre>µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Ca 227.546 Na 589.592 Mean Data ID: 241225-006S Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cf 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677	521.7 100912.5 1.0000 L Mean Corr. Intensity 149988.0 510682.6 1443217.2 49.9 27.0 36878.7 13957.5 -200.6 593550.5 1391.0 1603.1 55831.7 2980072.8 354.3 492675.9 1046893.6 2833.3 1935337.9 -8.5 144.7 1216.2 -51.6 3744.6 8003.3 271.1	4451.96 468.144 	<pre>µg/L µg/L yg/L Seq. No.: 30 Prep. Vol.: Data: Reprocessed Calik Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	$\begin{array}{r} 4451.96\\ 468.144\\\\\\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	<pre>µg/L µg/L µg/L</pre> A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 3:50:41 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L

Mean Data

	S 1.0000 L	S F D	eq. No.: 31 Samp rep. Vol.: 1. ata: Reprocessed	ole No.: 0 O L	A/S Pos: 0 Dilution: Date: 10/13/04	1.0: 1. 3:50:57 PM
	Mean Corr.	Mean	Calib	Mean	Sample	Э
Element Y 360.073	Intensity	Conc.	Units	Conc.	Units	
Sc 361.383	148006.7 520864.3	1 185	μg/L μg/L			
	1394202.1	43760.4	hd\r hd\r hd\r hd\r hd\r hd\r hd\r hd\r	43760.4	µg/L	
Sb 206.836	59.6	-0.621006	ug/L	-0.621006	μg/L	
Al 308.215 5b 206.836 As 188.979 3a 233.527 3e 313 107	9.8	13.3919	ug/L	13.3919	µg/L	
3a 233.527	32117.4	222.719	µg/L	222 710	µg/L	
0 010.101	13340.0	1.48147	µg/L	1.48147	µg/L	
Cd 226.502	-210.3	-3.87650	µg/L	-3.87650	µg/L	
Ca 430.253	47055.0	6990.35	µg/L	6990.35		
Cr 205.560	1248.2 1494.5	59.5171	µg/L µg/L µg/L	59.5171	µg/L	
Co 228.616 Cu 324.752	1494.5 53267.1	46.5446	µg/L	46.5446 96.4699	µg/L	
-U 324.732 7- 273 955	2741776 7	90.4099	μg/L μg/L	97787.2		
270.353	372.8	54.5349	ug/L	54.5349	µg/L	
1g 279.077	367353.9	17788.6	μg/L μg/L	17788 6	µg/L	
Fe 273.955 Pb 220.353 Ag 279.077 An 257.610	995614.4	2626.61	µg/L µg/L µg/L µg/L	17788.6 2626.61	µg/L	
Vi 231.604	2531.2 1131231.9	90.1534	µg/L	90.1534	ud/T	
x 766.490	1131231.9	2667.08	µg/L	2667.08		
Se 196.026	-17.9	18.8346	µg/L	18.8346	سل/DA	
Ag 338.289		0.262383	µg/L	0.262383	µg/L	
Na 330.237	427.9	1312.92 -1.95509	μg/L μg/L μg/L	1312.92	µg/L	
rl 190.801 V 292.402		60.8933	hg/T	-1.95509 60.8933	µg/L	
Zn 206.200	7526 2	271 152	µg/ш µg/Т	271 453	μg/L μg/L	
BII 200.200 B 249.677	190.2	-0.711761	μg/L μg/L μg/L μg/L μg/L μg/L	-0.711761	цу/L µg/L	
40 202.031	-10.9	-1.62377	ug/L	-1.62377	µg/L	
Ta 227 546	967.6	-1.62377 8210.88	µg/L	8210.88	µg/L	
	ECOAE	001 057	1. A.	281 257	µg/L	
form That a	56845.4 /03 1.0000 g					1.0: 1.
form That a	703 1.0000 g	s P D	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
4ean Data D: CCVM03AGCCV Sample Qty:	703 1.0000 g	s P D	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
Mean Data ID: CCVM03AGCCV Sample Qty: 	703 1.0000 g	s P D	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
Mean Data D: CCVM03AGCCV Sample Qty: Element X 360.073	703 1.0000 g	s P D	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
Mean Data ID: CCVM03AGCCV Sample Qty: Element Y 360.073	703 1.0000 g	s P D	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
Mean Data ID: CCVM03AGCCV Sample Qty: Element X 360.073 Sc 361.383	703 1.0000 g	s P D	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
Mean Data D: CCVM03AGCCV Sample Qty: Slement X 360.073 362 361.383 Al 308.215	/03 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4	S P D Conc. 1.085 1.065 166.770 -5.82672 2.45370	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
fean Data D: CCVM03AGCCV Sample Qty: Clement 2 360.073 3 60.073 3 61.383 1 308.215 3 206.836 as 188.979 3 233.527	/03 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
fean Data D: CCVM03AGCCV Sample Qty: Clement 2 360.073 36: 361.383 1 308.215 36: 206.836 As 188.979 38: 233.527 39: 313.107	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340 -0.0118933	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
<pre>dean Data D: CCVM03AGCCV Sample Qty: Clement 2 360.073 5c 361.383 M1 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502</pre>	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340 -0.0118933 1.23534	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
Aean Data D: CCVM03AGCCV Sample Qty: Clement 2 360.073 3c 361.383 Al 308.215 3b 206.836 As 188.979 3a 233.527 3e 313.107 3c 226.502 2a 430.253	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5	S P D Mean Conc. 1.085 1.085 166.770 -5.82672 2.45370 1.37340 -0.0118933 1.23534 445.530	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
fean Data D: ccVM03AGCCV Sample Qty:	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340 -0.0118933 1.23534 445.530 0.627831	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
fean Data D: cCVM03AGCCV Sample Qty: Slement 2 360.073 5 361.383 Al 308.215 5 206.836 As 188.979 3a 233.527 36 313.107 5 226.502 5 430.253 5 205.560 5 228.616	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0 -47.5	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340 -0.0118933 1.23534 445.530 0.627831 -2.16160	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
fean Data D: cCVM03AGCCV Sample Qty:	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340 -0.0118933 1.23534 445.530 0.627831	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
Aean Data D: CCVM03AGCCV Sample Qty: Clement 2 360.073 3c 361.383 Al 308.215 3b 206.836 As 188.979 3a 233.527 3e 313.107 3c 226.502 2a 430.253	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0 -47.5 147591.3	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340 -0.0118933 1.23534 445.530 0.627831 -2.16160 307.085 410.469 -5.36667	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
fean Data D: cCVM03AGCCV Gample Qty:	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0 -47.5 147591.3 11474.7 -10.5 2244.9	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340 -0.0118933 1.23534 445.530 0.627831 -2.16160 307.085 410.469 -5.36667 94.8157	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
fean Data CD: CCVM03AGCCV Sample Qty: Clement 2 360.073 3 361.383 1 308.215 3 206.836 1 308.215 3 206.836 1 308.215 3 206.836 1 308.257 3 233.527 3 233.527 3 233.527 3 233.527 3 24.752 2 28.616 2 324.752 2 273.955 2 20.353 1 g 279.077 In 257.610	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0 -47.5 147591.3 11474.7 -10.5 2244.9 4528.0	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340 -0.0118933 1.23534 445.530 0.627831 -2.16160 307.085 410.469 -5.36667 94.8157 10.2138	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
Mean Data D: CCVM03AGCCV Sample Qty:	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0 -47.5 147591.3 11474.7 -10.5 2244.9 4528.0 80.4	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340 -0.0118933 1.23534 445.530 0.627831 -2.16160 307.085 410.469 -5.36667 94.8157 10.2138 -1.07524	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
fean Data D: CCVM03AGCCV Sample Qty: Clement 2 360.073 3 361.383 1 308.215 3 206.836 3 188.979 3 233.527 3 233.527 3 313.107 3 226.502 3 430.253 3 205.560 3 228.616 2 28.616 2 28.616 2 28.616 2 28.955 3 20.353 3 279.077 1 257.610 1 231.604 3 766.490	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0 -47.5 147591.3 11474.7 -10.5 2244.9 4528.0 80.4 159604.0	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340 -0.0118933 1.23534 445.530 0.627831 -2.16160 307.085 410.469 -5.36667 94.8157 10.2138 -1.07524 29.0403	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
fean Data D: CCVM03AGCCV Sample Qty: Clement 360.073 5c 361.383 1 308.215 5b 206.836 4 308.215 5b 206.836 4 30.253 5c 313.107 5c 313.107 5c 326.502 5c 313.107 5c 326.502 5c 328.616 5u 324.752 5c 273.955 5b 220.353 1g 279.077 fn 257.610 fi 231.604 5c 766.490 5c 196.026	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0 -47.5 147591.3 11474.7 -10.5 2244.9 4528.0 80.4 159604.0 0.3	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340 -0.0118933 1.23534 445.530 0.627831 -2.16160 307.085 410.469 -5.36667 94.8157 10.2138 -1.07524 29.0403 3.45043	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
fean Data D: cCVM03AGCCV ample Qty: Clement 360.073 c 361.383 l 308.215 b 206.836 us 188.979 Ga 233.527 c 313.107 cd 226.502 ca 430.253 cr 205.560 co 228.616 cu 324.752 ce 273.955 b 220.353 lg 279.077 fm 257.610 fi 231.604 766.490 e 196.026 lg 338.289	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0 -47.5 147591.3 11474.7 -10.5 2244.9 4528.0 80.4 159604.0 0.3 28188.4	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340 -0.0118933 1.23534 445.530 0.627831 -2.16160 307.085 410.469 -5.36667 94.8157 10.2138 -1.07524 29.0403 3.45043 305.756	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
<pre>lean Data D: CCVM03AGCCV ample Qty: lement 360.073 c 361.383 l 308.215 b 206.836 c 3188.979 a 233.527 e 313.107 d 226.502 a 430.253 r 205.560 o 228.616 u 324.752 e 273.955 b 220.353 g 279.077 n 257.610 i 231.604 766.490 e 196.026 g 338.289 a 330.237</pre>	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0 -47.5 147591.3 11474.7 -10.5 2244.9 4528.0 80.4 159604.0 0.3 28188.4 -628.1	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340 -0.0118933 1.23534 445.530 0.627831 -2.16160 307.085 410.469 -5.36667 94.8157 10.2138 -1.07524 29.0403 3.45043 305.756 570.930	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
fean Data D: cCVM03AGCCV Sample Qty: Clement 2 360.073 3 361.383 1 308.215 3 206.836 1 308.215 3 206.836 1 308.215 3 206.836 1 308.215 3 206.502 2 313.107 3 23.527 3 24.752 3 25.560 3 24.253 3 25.257 3 25.560 3 3 25.257 3 3 25.257 3 3 25.257 3 3 25.257 3 3 25.277 3 3 25.277 3 3 25.277 3 3 25.277 3 3 3 3 25.277 3 3 3 3 3 3 3 3 25.277 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0 -47.5 147591.3 11474.7 -10.5 2244.9 4528.0 80.4 159604.0 0.3 28188.4	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340 -0.0118933 1.23534 445.530 0.627831 -2.16160 307.085 410.469 -5.36667 94.8157 10.2138 -1.07524 29.0403 3.45043 305.756	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
fean Data D: cCVM03AGCCV Sample Qty: Clement 2 360.073 3 361.383 1 308.215 3 206.836 1 308.215 3 206.836 1 308.215 3 23.527 3 24.752 3 25.560 3 24.253 3 25.257 3 25.	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0 -47.5 147591.3 11474.7 -10.5 2244.9 4528.0 80.4 159604.0 0.3 28188.4 -628.1 383.9	S P D Mean Conc. 1.085 1.065 166.770 -5.82672 2.45370 1.37340 -0.0118933 1.23534 445.530 0.627831 -2.16160 307.085 410.469 -5.36667 94.8157 10.2138 -1.07524 29.0403 3.45043 305.756 570.930 313.327	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
fean Data D: cCVM03AGCCV Sample Qty: Clement 2 360.073 3 361.383 1 308.215 3 206.836 1 206.502 2 2 3.55 3 2 2 5.560 3 2 2 2 6.502 2 2 3.55 3 2 2 0.353 1 2 0 5.560 3 2 2 4 .752 3 2 2 7 3.955 3 2 2 0.353 1 2 2 7 3.077 1 2 5 7.610 1 2 3 1.604 1 7 6 6.490 1 2 3 1.604 1 7 6 6.490 1 2 9 2 .026 2 3 8 .289 1 3 3 0.237 1 1 9 0.801 2 9 2 .402 1 2 0 6.200 3 2 4 9.677	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0 -47.5 147591.3 11474.7 -10.5 2244.9 4528.0 80.4 159604.0 0.3 28188.4 -628.1 383.9 -333.3 110.9 26957.7	$\begin{array}{c} & & & & & \\ & & & \\ & & &$	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
Mean Data D: CCVM03AGCCV Gample Qty: Sample Qty:	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0 -47.5 147591.3 11474.7 -10.5 2244.9 4528.0 80.4 159604.0 0.3 28188.4 -628.1 383.9 -333.3 110.9 26957.7 7495.4	$\begin{array}{c} & & & & & \\ & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & \\ & & & \\ & & & &$	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	
Mean Data D: CCVM03AGCCV Gample Qty: Sample Qty:	703 1.0000 g Mean Corr. Intensity 106423.1 468456.1 30465.0 43.0 -10.4 46.5 9013.8 -276.4 943.5 -3.0 -47.5 147591.3 11474.7 -10.5 2244.9 4528.0 80.4 159604.0 0.3 28188.4 -628.1 383.9 -333.3 110.9 26957.7	$\begin{array}{c} & & & & & \\ & & & \\ & & &$	eq. No.: 32 Samp rep. Vol.: 1. ata: Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	le No.: 11 0 L	A/S Pos: 0 Dilution: Date: 10/13/04	



Method: TESTS Sample Qty:	1.0000 g	•	Dran Vol ·	1.0 L		Dilution:	1 0 .	1.
<i>Sample Qty</i> .	1.0000 g		Prep. Vol.: Data: Reprocesse	d	tin da sera Na sinta	Date: 10/13/04	3:51:31	PM
	Mean Corr.	Mean	Cal	ib	Mean	Sampl	e	
Element	Intensity 103080.4	Conc			Conc.	Units		
Y 360.073	103080.4	1.051 1.063	µg/					
Sc 361.383 Al 308.215	467369.3 333734.0	9806 46	hd/ hd/					
Sb 206.836		529.447	μg/					
As 188.979		-4.54592	μg/ μg/					
Ba 233.527		10306.4	μg/ μg/					
Be 313.107	649127.8	241.530	μg/					
Cd 226.502		1.75946	μg/	L				
Ca 430.253	169811.6 21485.0	24561.8	μg/	\mathbf{L}_{1}				
Cr 205.560			μg/	and the second				
Co 228.616	79650.8	2515.31	μg/					
Cu 324.752		1226.80	μg/					
Fe 273.955 Pb 220.353		5076.58 -1.15016	μg/ μg/					
Mg 279.077	516110.9	24997.6	µg/ µg/					
Mn 257.610	962648.8	2539.46	μg/ μg/					
Ni 231.604	67816.4	2539.46 2520.67	μg/					
K 766.490	10366762.8	27742.2	μg/					
Se 196.026	10366762.8 1.3	5.94029	µg/	L				
Ag 338.289	70683.9	767.032	μg/	L				
Na 330.237	28461.0	23468.1	μg/					
Tl 190.801		8.15220						
V 292.402	149682.5		hāh					
Zn 206.200	68538.8	2515.42 4.41254	ក្រតិ។					
B 249.677 Mo 202.031	432.2 3572.4	4 41234	μg/ μg/					
Ca 227.546	3572.4 3439.2 6959043.7	24079.5	үөч үрц					
Na 589.592	6959043.7	00550 0	F9/					
Mean Data ID: CCVM02ISBG		<u>c</u> I		Sample No.: 1.0 L	13	A/S Pos: 0 Dilution: Date: 10/13/04	1.0: 3:51:49	1. PM
Mean Data ID: CCVM02ISBO Sample Qty:	CVI 1.0000 g Mean Corr.	S I I Mean	eq. No.: 34 Prep. Vol.: Data: Reprocesse Cal	Sample No.: 1.0 L d	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBG Sample Qty: Element	CVI 1.0000 g Mean Corr. Intensity	S I I Mean Conc.	Seq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni	Sample No.: 1.0 L d ib ts	· · · · · · · · · · · · · · · · · · ·	Dilution: Date: 10/13/04		1. PM
Mean Data ID: CCVM02ISBO Sample Qty:	CV1 1.0000 g Mean Corr. Intensity 108451.4	S I Mean Conc. 41.106	eq. No.: 34 Prep. Vol.: Data: Reprocesse Cal	Sample No.: 1.0 L d ib ts L	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBO Sample Qty: Element Y 360.073	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9	Mean Conc. (1.106 1.101 51.5685	Seq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/	Sample No.: 1.0 L d ib ts L	Mean	Dilution: Date: 10/13/04 Sample		1.(PM
Mean Data ID: CCVM02ISBC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7	Mean Conc. (1.106 1.101 51.5685	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L	Mean	Dilution: Date: 10/13/04 Sample		1.0 PM
Mean Data ID: CCVM02ISBC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4	Mean Conc. (1.106 1.101 51.5685 518.825 1019.79	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni μg/ μg/ μg/ μg/ μg/	Sample No.: 1.0 L d ib ts L L L L	Mean	Dilution: Date: 10/13/04 Sample		1.(PM
Mean Data ID: CCVM02ISBC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5	Mean Conc. (1.106 1.101 51.5685 518.825 1019.79 24.6805	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1.(PM
Mean Data ID: CCVM02ISBO Sample Qty: 	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7	Mean Conc. (1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1.0 PM
Mean Data ID: CCVM02ISBC Sample Qty: 	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6	Mean Conc. (1.100 51.5685 518.825 1019.79 24.6805 0.409601 515.299	eq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBO Sample Qty: 	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3	Mean Conc. 4.100 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754	Seq. No.: 34 Prep. Vol.: Jata: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1.0 PM
Mean Data ID: CCVM02ISBC Sample Qty: 	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6	Mean Conc. (1.100 51.5685 518.825 1019.79 24.6805 0.409601 515.299	eq. No.: 34 Prep. Vol.: Jata: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		l. PM
Mean Data ID: CCVM02ISBO Sample Qty: 	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6	Mean Conc. (1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295	Seq. No.: 34 Prep. Vol.: Jata: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955	CCV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4	S Mean Conc. (1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580	eq. No.: 34 Prep. Vol.: Jata: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1.0 PM
Mean Data ID: CCVM02ISBC Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Cr 205.550 Cr 20	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1	S Mean Conc. (1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1.0 PM
Mean Data ID: CCVM02ISBO Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Cr 205.560 Cr 205.560 Cr 205.560 Cr 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1 2246.6	Mean Conc. 1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18 94.8989	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		l. PM
Mean Data ID: CCVM02ISBO Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1 2246.6 4342.2	Mean Conc. 1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18 94.8989 9.72338	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBO Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 PJ 220.353 Mg 279.077 Mn 257.610 Ni 231.604	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1 2246.6 4342.2 242.6	S Mean Conc. (1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18 94.8989 9.72338 4.96219	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBO Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 PJ 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1 2246.6 4342.2 242.6 167286.9	Mean Conc. (1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18 94.8989 9.72338 4.96219 49.9000	Geq. No.: 34 Prep. Vol.: Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBO Sample Qty: 	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1 2246.6 4342.2 242.6 167286.9 1263.3	Mean Conc. (1.106 (1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18 94.8989 9.72338 4.96219 49.9000 1036.00	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBO Sample Qty: 	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1 2246.6 4342.2 242.6 167286.9 1263.3 748.7	Mean Conc. (1.106 (1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18 94.8989 9.72338 4.96215 49.9000 1036.00 7.90597	Seq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBO Sample Qty: 	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1 2246.6 4342.2 242.6 167286.9 1263.3	Mean Conc. (1.106 (1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18 94.8989 9.72338 4.96219 49.9000 1036.00	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L ib ts L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBC Sample Qty: 	CCV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1 2246.6 4342.2 242.6 167286.9 1263.3 748.7 -919.7	S H Mean Conc. 1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18 94.8989 9.72338 4.96219 49.9000 1036.00 7.90597 340.106	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBO Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Fl 190.801 V 292.402 Zn 206.200	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1 2246.6 4342.2 242.6 167286.9 1263.3 748.7 -919.7 1324.1 189.4 255.1	S Mean Conc. (1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18 94.8989 9.72338 4.96215 49.9000 1036.00 7.90597 340.106 1011.81 3.05689 5.88216	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBO Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1 2246.6 4342.2 242.6 167286.9 1263.3 748.7 -919.7 1324.1 189.4 255.1 279.6	S Mean Conc. (1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18 94.8989 9.72338 4.96215 49.9000 1036.000 7.90597 340.106 1011.81 3.05689 5.88216 2.80136	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBO Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1 2246.6 4342.2 242.6 167286.9 1263.3 748.7 -919.7 1324.1 189.4 255.1 279.6 3601.1	S Mean Conc. 1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18 94.8989 9.72338 4.96219 49.9000 1036.00 7.90597 340.106 1011.81 3.05689 5.88216 2.80136 501.225	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBO Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Fl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1 2246.6 4342.2 242.6 167286.9 1263.3 748.7 -919.7 1324.1 189.4 255.1 279.6 3601.1 60.5	S Mean Conc. 1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18 94.8989 9.72338 4.96215 49.9000 1036.00 7.90597 340.106 1011.81 3.05689 5.88216 2.80136 501.225 282.635	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBO Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1 2246.6 4342.2 242.6 167286.9 1263.3 748.7 -919.7 1324.1 189.4 255.1 279.6 3601.1	S Mean Conc. 1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18 94.8989 9.72338 4.96219 49.9000 1036.00 7.90597 340.106 1011.81 3.05689 5.88216 2.80136 501.225	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBO Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Fl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1 2246.6 4342.2 242.6 167286.9 1263.3 748.7 -919.7 1324.1 189.4 255.1 279.6 3601.1 60.5	S Mean Conc. 1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18 94.8989 9.72338 4.96215 49.9000 1036.00 7.90597 340.106 1011.81 3.05689 5.88216 2.80136 501.225 282.635	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean Conc.	Dilution: Date: 10/13/04 Sample		1. PM
Mean Data ID: CCVM02ISBO Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Ag 279.077 An 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Fl 190.801 / 292.402 Zn 206.200 B 249.677 Ao 202.031 Ca 227.546 Na 589.592	CV1 1.0000 g Mean Corr. Intensity 108451.4 484019.1 26866.9 1691.7 1865.4 3423.5 10162.7 19660.6 867.3 44.6 190.9 10852.5 4313.4 6792.1 2246.6 4342.2 242.6 167286.9 1263.3 748.7 -919.7 1324.1 189.4 255.1 279.6 3601.1 60.5	S Mean Conc. 1.106 1.101 51.5685 518.825 1019.79 24.6805 0.409601 515.299 434.754 2.86666 5.36720 1.76295 154.580 1027.18 94.8989 9.72338 4.96219 4.96219 4.96219 4.96219 4.9000 1036.00 7.90597 340.106 1011.81 3.05689 5.88216 2.80136 501.225 282.635 115.870	Geq. No.: 34 Prep. Vol.: Data: Reprocesse Cal Uni µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/ µg/	Sample No.: 1.0 L d ib ts L L L L L L L L L L L L L	Mean Conc.	Dilution: Date: 10/13/04 Sample		1. PM

Aethod: TESTSc			Page 15		Date: 10/13/04	3:52:42 PM
		Data	: Reprocessed		Date: 10/13/04	3:52:06 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
lement	Intensity	Conc.	Units	Conc.	Units	
360.073	106717.2	1.088	µg/L			
c 361.383	472465.2	1.075	µg/L			
1 308.215	25594.6	10.9148	µg/L			
b 206.836	74.0	4.06091	µg/L			
s 188.979	-9.4	2.96221	µg/L			
a 233.527	1386.3	10.6206	µg/L			
e 313.107	9526.0	0.163778	µg/L			
d 226.502	-251.2	1.90686	µg/L			· ·
a 430.253	561.1	391.046	µg/L			
r 205.560	8.8	1.18470	µg/L			
0 228.616	99.6	2.48587	µg/L			
u 324.752	10194.7	0.294096	µg/L			
e 273.955	2658.4	95.5802	µg/L			
b 220.353	23.1	-0.203455	µg/L			
g 279.077	1218.2	45.0621	µg/L			
n 257.610	2394.4	4.58154	µg/L			
i 231.604	164.9	2.06815	µg/L			
766.490	160820.7	32.3437	µg/L			
e 196.026	1.0	3.95094	µg/L			
g 338.289 a 330.237	196.0 -645.1	1.90679 557.768	µg/L			
	-645.1		µg/L			
1 190.801 292.402	-29.7 158.0	6.02272 2.52595	µg∕L µg∕L			
292.402 h 206.200	142.8	1.75465				
249.677	225.9	0.737130	μg/L μg/L			
o 202.031	28.0	3.79469	µg/L			
a 227.546		243.281	hd/T hd/T			
a 589.592	15496.3	105.897	µg/L			
			F-3/			
ean Data					0	
EN 27122E 0124					4/5 FOST 11	
			No.: 36 Sample			0. 1
		Prep.	Vol.: 1.0	L	Dilution: 1	.0: 1. 3.52.24 DM
		Prep.		L		
ample Qty:	1.0000 L Mean Corr.	Prep. Data: Mean	Vol.: 1.0 Reprocessed Calib	L Mean	Dilution: 1 Date: 10/13/04 Sample	
ample Qty: lement	1.0000 L Mean Corr. Intensity	Prep. Data: Mean Conc.	Vol.: 1.0 Reprocessed Calib Units		Dilution: 1 Date: 10/13/04	
ample Qty: lement 360.073	1.0000 L Mean Corr. Intensity 139505.8	Prep. Data: Mean Conc. 1.422	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean	Dilution: 1 Date: 10/13/04 Sample	
ample Qty: lement 360.073 z 361.383	1.0000 L Mean Corr. Intensity 139505.8 511753.8	Prep. Data: Mean Conc. 1.422 1.164	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L	L Mean Conc.	Dilution: 1 Date: 10/13/04 Sample Units	
ample Qty: lement 360.073 z 361.383 l 308.215	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1	Prep. Data: Mean Conc. 1.422 1.164 35700.3	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L	L Mean Conc. 35700.3	Dilution: 1 Date: 10/13/04 Sample Units µg/L	
ample Qty: lement 360.073 z 361.383 l 308.215 s 206.836	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4	Prep. Data: Mean Conc. 1.422 1.164 35700.3 -2.12367	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L	L Mean Conc. 35700.3 -2.12367	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L	
ample Qty: lement 360.073 z 361.383 l 308.215 s 206.836 s 188.979	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7	Prep. Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 35700.3 -2.12367 18.2876	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L	
ample Qty: lement 360.073 c 361.383 l 308.215 b 206.836 s 188.979 a 233.527	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8	Prep. Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L	
ample Qty: lement 360.073 c 361.383 l 308.215 o 206.836 s 188.979 a 233.527 e 313.107	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5	Prep. Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L	
ample Qty: 1ement 360.073 361.383 1 308.215 5 206.836 s 188.979 a 233.527 e 313.107 1 226.502	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L	
ample Qty: lement 360.073 361.383 1 308.215 5 206.836 s 188.979 a 233.527 e 313.107 1 226.502 a 430.253	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
ample Qty: lement 360.073 z 361.383 l 308.215 5 206.836 s 188.979 a 233.527 e 313.107 l 226.502 a 430.253 r 205.560	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
ample Qty: lement 360.073 z 361.383 1 308.215 5 206.836 s 188.979 a 233.527 e 313.107 1 226.502 a 430.253 r 205.560 5 228.616	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
ample Qty: 360.073 361.383 308.215 5206.836 \$188.979 a 233.527 e 313.107 1 226.502 a 430.253 r 205.560 5228.616 a 324.752	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
ample Qty: 360.073 361.383 308.215 5 206.836 5 188.979 a 233.527 e 313.107 1 226.502 a 430.253 r 205.560 5 228.616 a 324.752 e 273.955	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1	Prep. Data: Data: Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
ample Qty: 360.073 361.383 308.215 5 206.836 5 188.979 a 233.527 e 313.107 1 226.502 a 430.253 r 205.560 5 228.616 a 324.752 e 273.955 5 220.353	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3	Prep. Data: Data: Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
ample Qty: 360.073 361.383 308.215 5206.836 5188.979 a 233.527 e 313.107 1 226.502 a 430.253 r 205.560 528.616 a 324.752 e 273.955 5220.353 g 279.077	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
ample Qty: 360.073 361.383 1308.215 5206.836 s188.979 a233.527 e313.107 1226.502 a430.253 r205.560 528.616 a324.752 e273.955 5220.353 g279.077 a257.610	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92	Dilution: 1 Date: 10/13/04 Sample Units Units ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	
ample Qty: 360.073 360.073 361.383 1 308.215 5 206.836 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 r 205.560 5 228.616 a 324.752 e 273.955 5 220.353 g 279.077 a 257.610 i 231.604	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4 2176.2	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454	Dilution: 1 Date: 10/13/04 Sample Units Units ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	
ample Qty: 360.073 361.383 1 308.215 5 206.836 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 r 205.560 5 228.616 a 324.752 e 273.955 5 220.353 g 279.077 1 257.610 i 231.604 766.490	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4 2176.2 981129.0	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/	
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ample Qty: 360.073 361.383 308.215 5206.836 s188.979 a 233.527 e 313.107 1226.502 a 430.253 r 205.560 5228.616 a 324.752 e 273.955 5220.353 g 279.077 1257.610 i 231.604 766.490 e 196.026 g 338.289 a 330.237	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4 2176.2 981129.0 -14.8 186.3 767.2	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/	
ample Qty: 360.073 361.383 308.215 50206.836 s188.979 a 233.527 e 313.107 1226.502 a 430.253 c 205.560 50228.616 1324.752 a 273.955 50220.353 g 279.077 1257.610 231.604 766.490 a 196.026 g 338.289 a 330.237 190.801	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4 2176.2 981129.0 -14.8 186.3 767.2 -43.2	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112	Dilution: 1 Date: 10/13/04 Sample Units ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	
Ample Qty: 360.073 361.383 308.215 5206.836 5188.979 4233.527 2313.107 1226.502 4430.253 205.560 5228.616 1324.752 273.955 5220.353 3279.077 1257.610 231.604 766.490 2196.026 338.289 330.237 190.801 292.402	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4 2176.2 981129.0 -14.8 186.3 767.2 -43.2 3040.8	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600	Dilution: 1 Date: 10/13/04 Sample Units Units ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	
Ample Qty: 360.073 2361.383 1308.215 5206.836 5188.979 a 233.527 e 313.107 1226.502 a 430.253 c 205.560 5228.616 1324.752 e 273.955 5220.353 g 279.077 h 257.610 1231.604 766.490 e 196.026 J 338.289 a 330.237 190.801 292.402 h 206.200	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4 2176.2 981129.0 -14.8 186.3 767.2 -43.2 3040.8 6726.7	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972	Dilution: 1 Date: 10/13/04 Sample Units Units ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	
ample Qty: 360.073 360.073 361.383 308.215 5206.836 s188.979 a 233.527 e 313.107 1 226.502 a 430.253 r 205.560 o 228.616 a 324.752 e 273.955 o 220.353 g 279.077 n 257.610 i 231.604 766.490 e 196.026 g 338.289 a 330.237 l 190.801 292.402 n 206.200 249.677	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4 2176.2 981129.0 -14.8 186.3 767.2 -43.2 3040.8 6726.7 189.6	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624	Dilution: 1 Date: 10/13/04 Sample Units Un	
ample Qty: 360.073 c 361.383 l 308.215 b 206.836 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 r 205.560 o 228.616 a 324.752 e 273.955 o 220.353 g 279.077 a 257.610 i 231.604 766.490 e 196.026 y 338.289 a 330.237 l 190.801 292.402 h 206.200 249.677 o 202.031	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4 2176.2 981129.0 -14.8 186.3 767.2 -43.2 3040.8 6726.7 189.6 7.0	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740	Dilution: 1 Date: 10/13/04 Sample Units Units ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	
ample Qty: lement 360.073 c 361.383 l 308.215 b 206.836 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 r 205.560 o 228.616 u 324.752 e 273.955 b 220.353 g 279.077 n 257.610 i 231.604 766.490 e 196.026 g 338.289 a 330.237 l 190.801 292.402 h 206.200 249.677 o 202.031 a 227.546	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4 2176.2 981129.0 -14.8 186.3 767.2 -43.2 3040.8 6726.7 189.6 7.0 4934.3	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740 36346.0	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740 36346.0	Dilution: 1 Date: 10/13/04 Sample Units Units ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	
D: 241225-012S ample Qty: 	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4 2176.2 981129.0 -14.8 186.3 767.2 -43.2 3040.8 6726.7 189.6 7.0	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740	Dilution: 1 Date: 10/13/04 Sample Units Units ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	
ample Qty: lement 360.073 c 361.383 l 308.215 b 206.836 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 r 205.560 o 228.616 u 324.752 e 273.955 b 220.353 g 279.077 n 257.610 i 231.604 766.490 e 196.026 g 338.289 a 330.237 l 190.801 292.402 n 206.200 249.677 o 202.031 a 227.546 a 589.592 ean Data	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4 2176.2 981129.0 -14.8 186.3 767.2 -43.2 3040.8 6726.7 189.6 7.0 4934.3 66644.4	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740 36346.0 322.815	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740 36346.0 322.815	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/	
ample Qty: lement 360.073 c 361.383 l 308.215 b 206.836 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 r 205.560 o 228.616 u 324.752 e 273.955 b 220.353 g 279.077 n 257.610 i 231.604 766.490 e 196.026 g 338.289 a 330.237 l 190.801 292.402 n 206.200 249.677 o 202.031 a 227.546 a 589.592 ean Data	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4 2176.2 981129.0 -14.8 186.3 767.2 -43.2 3040.8 6726.7 189.6 7.0 4934.3 66644.4	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740 36346.0 322.815	<pre>Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740 36346.0 322.815	Dilution: 1 Date: 10/13/04 Sample Units Units ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	
ample Qty: 360.073 361.383 308.215 5206.836 5188.979 a 233.527 e 313.107 d 226.502 a 430.253 r 205.560 5228.616 a 324.752 e 273.955 5220.353 g 279.077 1 257.610 i 231.604 766.490 e 196.026 g 338.289 a 330.237 l 190.801 292.402 1 206.200 249.677 5202.031 a 227.546 a 589.592 ean Data	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4 2176.2 981129.0 -14.8 186.3 767.2 -43.2 3040.8 6726.7 189.6 7.0 4934.3 66644.4	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740 36346.0 322.815	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740 36346.0 322.815	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/	3:52:24 PM
ample Qty: 360.073 361.383 1308.215 5206.836 5188.979 a 233.527 e 313.107 1226.502 a 430.253 r 205.560 5228.616 a 324.752 e 273.955 5220.353 g 279.077 1257.610 i 231.604 766.490 e 196.026 g 338.289 a 330.237 L 190.801 292.402 h 206.200 249.677 5202.031 a 227.546 a 589.592 ean Data	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4 2176.2 981129.0 -14.8 186.3 767.2 -43.2 3040.8 6726.7 189.6 7.0 4934.3 66644.4	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740 36346.0 322.815	<pre>Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740 36346.0 322.815	Dilution: 1 Date: 10/13/04 Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/	3:52:24 FM
ample Qty: 360.073 361.383 308.215 5206.836 5206.836 5188.979 4233.527 2313.107 1226.502 430.253 205.560 5228.616 324.752 273.955 5220.353 3279.077 4257.610 231.604 766.490 2196.026 338.289 330.237 190.801 292.402 190.801 292.402 190.801 292.402 190.801 292.402 190.801 292.402 190.801 292.402 190.801 292.402 190.801 292.402 190.801 292.402 190.801 292.402 190.801 292.402 190.801 292.402 190.801 292.402 190.801 292.402 190.801 292.402 190.801 292.402 190.801 292.402 190.801 292.402 190.801 202.031 1227.546 1589.592 ean Data	1.0000 L Mean Corr. Intensity 139505.8 511753.8 1142210.1 59.4 17.7 18916.8 12679.5 -185.5 242103.5 1081.0 1948.4 47510.6 2524814.1 307.3 374010.7 1042699.4 2176.2 981129.0 -14.8 186.3 767.2 -43.2 3040.8 6726.7 189.6 7.0 4934.3 66644.4	Prep. Data: Data: Mean Conc. 1.422 1.164 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740 36346.0 322.815	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg	L Mean Conc. 35700.3 -2.12367 18.2876 131.611 1.25192 -2.69662 34864.4 51.6454 60.8843 83.6162 90049.4 44.5203 18111.2 2750.92 76.9454 2259.54 17.1903 1.80163 1508.66 -1.98112 51.2600 241.972 -0.761624 0.863740 36346.0 322.815	Dilution: 1 Date: 10/13/04 Sample Units ug/L	3:52:24 FM

Method: TESTSc

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Date: 10/13/04

3:53:19 PM

lethod: TESTSC					
	Mean Corr.	Mean	Calib	Mean	Sample
Element	Intensity	Conc.	Units	Conc.	Units
360.073	141527.6	1.443	hd\r hd		
c 361.383	505132.9	1.149	µg/L	00007 1	an a
1 308.215	908659.8	28237.1	µg/L	28237.1	μg/L
b 206.836	58.7 6.2	-1.53951	µg/L	-1.53951	μg/L μg/L
s 188.979 a 233.527		11.6698 134.545	µg/L	11.6698 134.545	μg/L μg/L
	19341.8 11864.3	0.961681	µg/L	0.961681	µg/L µg/L
e 313.107 d 226.502	-214.1	-1.91518	μg/L μg/L	-1.91518	μg/L
a 430.253	123928.1	17988.4	μg/L	17988.4	μg/L
r 205.560	800.2	38.4313	µg/L	38.4313	µg/L
0 228.616	1013.9	31.3648	µg/L	31.3648	µg/L
u 324.752	41233.6	69.6005	µg/L	69.6005	µg/L
e 273.955	1917186.5	68378.0	µg/L	68378.0	µg∕L
b 220.353	227.8	31.9891	µg/L	31.9891	µg/L *
g 279.077	273074.3	13219.6	µg/L	13219.6	µg/L
n 257.610	831127.8	2192.41	µg/L	2192.41	µg/L
i 231.604	1726.5	60.1993	µg/L	60.1993	µg/L
766.490	857492.9	1923.86	μg/Ĺ	1923.86	µg/L
e 196.026	-8.6	16.3581	µg/L	16.3581	µg/L
g 338.289	71.9	0.558984	µg/L	0.558984	µg/L
a 330.237	410.5	1284.78	µg/L	1284.78	$\mu g/L$
1 190.801	-42.6	-2.47665	µg/L	-2.47665	µg/L
292.402	2484.1	41.8502	µg/L	41.8502	µg/L
n 206.200	5878.5	211.210	µg/L	211.210	µg/L
249.677	216.2	0.315788	µg/L	0.315788	µg/L
o 202.031	4.3	0.487229	µg/L	0.487229	µg/L
a 227.546	2523.8	18853.7	µg/L	18853.7	µg/L
a 589.592	45141.1	231.620	µg/L	231.620	µg/L
0: 241225-016	S	Seq. 1	No.: 38 Sample	No.: 0	A/S Pos: 0
D: 241225-016	S	Prep.	No.: 38 Sample Vol.: 1.0 Reprocessed	L	A/S Pos: 0 Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM
D: 241225-016	S	Prep.	Vol.: 1.0 Reprocessed Calib	L	Dilution: 1.0: 1
D: 241225-016 ample Qty: 	S 1.0000 L Mean Corr. Intensity	Prep. Data: Mean Conc.	Vol.: 1.0 Reprocessed Calib Units	L	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM Sample
D: 241225-016 ample Qty: lement 360.073	S 1.0000 L Mean Corr. Intensity 144120.2	Prep. Data: Mean Conc. 1.469	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM
D: 241225-016 ample Qty: lement 360.073 c 361.383	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8	Prep. Data: Mean Conc. 1.469 1.146	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L	L Mean Conc.	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM
D: 241225-016 ample Qty: lement 360.073 c 361.383 1 308.215	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8 1178966.4	Prep. Data: Mean Conc. 1.469 1.146 36875.8	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L	L Mean Conc. 36875.8	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM
D: 241225-016 ample Qty: lement 360.073 c 361.383 1 308.215 b 206.836	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8 1178966.4 53.0	Prep. Data: Mean Conc. 1.469 1.146 36875.8 -3.99035	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L	L Mean Conc. 36875.8 -3.99035	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM
D: 241225-016 ample Qty: 360.073 c 361.383 1 308.215 b 206.836 s 188.979	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8 1178966.4 53.0 7.0	Prep. Data: Mean Conc. 1.469 1.146 36875.8 -3.99035 12.3577	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 36875.8 -3.99035 12.3577	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM
D: 241225-016 ample Qty: 360.073 c 361.383 1 308.215 b 206.836 s 188.979 a 233.527	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8 1178966.4 53.0 7.0 23034.3	Prep. Data: Mean Conc. 1.469 1.146 36875.8 -3.99035 12.3577 160.030	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 36875.8 -3.99035 12.3577 160.030	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM Sample Units µg/L µg/L µg/L µg/L µg/L
D: 241225-016 ample Qty: 	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8 1178966.4 53.0 7.0 23034.3 12552.5	Prep. Data: Mean Conc. 1.469 1.146 36875.8 -3.99035 12.3577 160.030 1.19466	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 36875.8 -3.99035 12.3577 160.030 1.19466	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L
D: 241225-016 ample Qty: 360.073 c 361.383 1 308.215 b 206.836 s 188.979 a 233.527 e 313.107 d 226.502	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8 1178966.4 53.0 7.0 23034.3 12552.5 -191.4	Prep. Data: Mean Conc. 1.469 1.146 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
D: 241225-016 ample Qty: 360.073 c 361.383 1 308.215 b 206.836 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8 1178966.4 53.0 7.0 23034.3 12552.5 -191.4 219851.9	Prep. Data: Mean Conc. 1.469 1.146 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
D: 241225-016 ample Qty: 360.073 c 361.383 1 308.215 b 206.836 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 r 205.560	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8 1178966.4 53.0 7.0 23034.3 12552.5 -191.4 219851.9 1304.4	Prep. Data: Mean Conc. 1.469 1.146 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
D: 241225-016 ample Qty: 360.073 c 361.383 l 308.215 b 206.836 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 r 205.560 o 228.616	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8 1178966.4 53.0 7.0 23034.3 12552.5 -191.4 219851.9 1304.4 1182.1	Prep. Data: Mean Conc. 1.469 1.146 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626 36.6793	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626 36.6793	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
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<pre>D: 241225-016 ample Qty: ample Qty: 360.073 361.383 308.215 206.836 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 c 205.560 b 228.616 1 324.752 e 273.955 b 220.353 g 279.077 1 257.610 1 231.604 766.490</pre>	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8 1178966.4 53.0 7.0 23034.3 12552.5 -191.4 219851.9 1304.4 1182.1 47477.2 2363992.2 1455.6 364497.1 858033.8 2102.4 1125121.3 -14.3	Prep. Data: Mean Conc. 1.469 1.146 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626 36.6793 83.5417 84313.3 219.071 17650.1 2263.37 74.1912 2650.49	Vol.: 1.0 Reprocessed Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	L Mean Conc. 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626 36.6793 83.5417 84313.3 219.071 17650.1 2263.37 74.1912 2650.49	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/
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D: 241225-016 ample Qty: 360.073 c 361.383 l 308.215 b 206.836 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 r 205.560 o 228.616 u 324.752 e 273.955 b 220.353 g 279.077 h 257.610 i 231.604 766.490 e 196.026 g 338.289 a 330.237 l 190.801 292.402 h 206.200 249.677 b 202.031	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8 178966.4 53.0 7.0 23034.3 12552.5 -191.4 219851.9 1304.4 1182.1 47477.2 2363992.2 1455.6 364497.1 858033.8 2102.4 1125121.3 -14.3 121.1 753.4 -46.6 3207.5 7103.2 202.7	Prep. Data: Mean Conc. 1.469 1.146 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626 36.6793 83.5417 84313.3 219.071 17650.1 2263.37 74.1912 2650.49 16.1138 1.09338 1520.11 -4.62393 54.0779 255.788 -0.213805	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean Conc. 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626 36.6793 83.5417 84313.3 219.071 17650.1 2263.37 74.1912 2650.49 16.1138 1.09338 1520.11 -4.62393 54.0779 255.788 -0.213805 1.53663 3204.6	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/
D: 241225-016 ample Qty: 360.073 c 361.383 1 308.215 b 206.836 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 r 205.560 o 228.616 u 324.752 e 273.955 b 220.353 g 279.077 h 257.610 i 231.604 766.490 e 196.026 g 338.289 a 330.237 l 190.801 292.402 h 206.200 249.677 o 202.031 a 227.546	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8 1178966.4 53.0 7.0 23034.3 12552.5 -191.4 219851.9 1304.4 1182.1 47477.2 2363992.2 1455.6 364497.1 858033.8 2102.4 1125121.3 -14.3 121.1 753.4 -46.6 3207.5 7103.2 202.7 11.8 4504.9	Prep. Data: Mean Conc. 1.469 1.146 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626 36.6793 83.5417 84313.3 219.071 17650.1 2263.37 74.1912 2650.49 16.1138 1.09338 1520.11 -4.62393 54.0779 255.788	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean Conc. 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626 36.6793 83.5417 84313.3 219.071 17650.1 2263.37 74.1912 2650.49 16.1138 1.09338 1520.11 -4.62393 54.0779 255.788 -0.213805 1.53663	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/
D: 241225-016 ample Qty: 360.073 c 361.383 1 308.215 b 206.836 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 r 205.560 o 228.616 u 324.752 e 273.955 b 220.353 g 279.077 n 257.610 i 231.604 766.490 e 196.026 g 338.289 a 330.237 l 190.801 292.402 n 206.200 249.677 o 202.031 a 227.546 a 589.592 eath Data	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8 1178966.4 53.0 7.0 23034.3 12552.5 -191.4 219851.9 1304.4 1182.1 47477.2 2363992.2 1455.6 364497.1 858033.8 2102.4 1125121.3 -14.3 121.1 753.4 -46.6 3207.5 7103.2 202.7 11.8 4504.9 68518.6	Prep. Data: Mean Conc. 1.469 1.146 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626 36.6793 83.5417 84313.3 219.071 17650.1 2263.37 74.1912 2650.49 16.1138 1.09338 1520.11 -4.62393 54.0779 255.788 -0.213805 1.53663 33204.6 330.763	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean Conc. 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626 36.6793 83.5417 84313.3 219.071 17650.1 2263.37 74.1912 2650.49 16.1138 1.09338 1520.11 -4.62393 54.0779 255.788 -0.213805 1.53663 33204.6 330.763	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/
ean Data D: 241225-018	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8 1178966.4 53.0 7.0 23034.3 12552.5 -191.4 219851.9 1304.4 1182.1 47477.2 2363992.2 1455.6 364497.1 858033.8 2102.4 1125121.3 -14.3 121.1 753.4 -46.6 3207.5 7103.2 202.7 11.8 4504.9 68518.6	Prep. Data: Mean Conc. 1.469 1.146 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626 36.6793 83.5417 84313.3 219.071 17650.1 2263.37 74.1912 2650.49 16.1138 1.09338 1520.11 -4.62393 54.0779 255.788 -0.213805 1.53663 33204.6 330.763	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean Conc. 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626 36.6793 83.5417 84313.3 219.071 17650.1 2263.37 74.1912 2650.49 16.1138 1.09338 1520.11 -4.62393 54.0779 255.788 -0.213805 1.53663 33204.6 330.763	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/
D: 241225-016 ample Qty: 360.073 c 361.383 1 308.215 b 206.836 s 188.979 a 233.527 e 313.107 d 226.502 a 430.253 r 205.560 o 228.616 u 324.752 e 273.955 b 220.353 g 279.077 h 257.610 i 231.604 766.490 e 196.026 g 338.289 a 330.237 l 190.801 292.402 h 206.200 249.677 o 202.031 a 227.546 a 589.592 ean Data D: 241225-018	S 1.0000 L Mean Corr. Intensity 144120.2 503862.8 1178966.4 53.0 7.0 23034.3 12552.5 -191.4 219851.9 1304.4 1182.1 47477.2 2363992.2 1455.6 364497.1 858033.8 2102.4 1125121.3 -14.3 121.1 753.4 -46.6 3207.5 7103.2 202.7 11.8 4504.9 68518.6 S 1.0000 L	Prep. Data: Mean Conc. 1.469 1.146 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626 36.6793 83.5417 84313.3 219.071 17650.1 2263.37 74.1912 2650.49 16.1138 1.09338 1520.11 -4.62393 54.0779 255.788 -0.213805 1.53663 33204.6 330.763	Vol.: 1.0 Reprocessed Calib Units µg/L	L Mean Conc. 36875.8 -3.99035 12.3577 160.030 1.19466 -2.44567 31684.2 62.1626 36.6793 83.5417 84313.3 219.071 17650.1 2263.37 74.1912 2650.49 16.1138 1.09338 1520.11 -4.62393 54.0779 255.788 -0.213805 1.53663 33204.6 330.763 NG.: 0 L	Dilution: 1.0: 1 Date: 10/13/04 3:53:01 PM Sample Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/



Method: TESTSc	<u></u>		Page 17		Date: 10/13/04 3:53:57 PM
	Mean Corr.	Mean	Calib	Mean	
	Intensity	Conc.	Units	Conc.	Units
	138301.5		µg/L		
	492937.9		µg/L	38664.8	····/T
Al 308.215	1235036.7		µg/L	38664.8 -5.18744	µg/L ug/T
Sb 206.836		-5.18744 13.4592	µg/L Ng/I	-5.18744 13.4592	μg/L μg/L
As 188.979		132.987	µg/L µg/L	132.987	
Ba 233.527			нд\г har(T	1.37017	µg/L
Be 313.107	13030.0 -213.6 363483 0		µg/L	-3.45148	µg/L µg/L
Cd 226.502 Ca 430.253	363483.0	-3.45148 52202.7	µg/L µg/I		µg/L µg/L
Cr 205.560	505105.0	57.1345	μg/L μg/L	52202.7 57.1345	μg/L μg/L
Co 228.616		77.8071	µg/L µg/L	77 8071	µg/L µg/L
Cu 324.752	51824.8	93.2494	μg/L μg/L	77.8071 93.2494	µg/L
Fe 273.955		90506.7	µg/L	90506.7	µg/L
Pb 220.353	525 0	78 1907	µg/L	78.1907	µg/L
Mg 279.077	525.0 431805.3	20912 0	µg/L	20912.0	µg/L
Mn 257.610	1038790.0	2740.56	µg/L	2740.56	ug/L
Ni 231.604	2391.9	84 9768	µg/L µg/L	84.9768	µg/L
K 766.490	1168532.5	2768.35	μg/L	2768.35	µg/L
Se 196.026	-9.0	21.0176	µg/L	21.0176	µg/L
Ag 338.289	144.5	1.34751	µg/L	1.34751	µg/L
Na 330.237	1025.0	1670.03	μα/T.	1670.03	ng/T
T1 190.801	-47 9	-4.48334	μg/L μg/L μg/L	-4.48334	µg/L µg/L µg/L µg/L
V 292.402		57.6396	ua/L	57.6396	ud/L
Zn 206.200	7996.5	000 000		288.469	ug/L
B 249.677	222.4	0.475425	ug/L	0.475425	ug/L
	9.8	1.25202	ucr/T	1 25202	μg/L μg/L
Ca 227.546	7353.2	53579.8	µg/L	53579.8	µg/L
Na 589.592	63798.7	310.746	µg/L	310.746	µg/L
4ean Data					
			No.: 40 Sample	No.: 0	A/S Pos: 0
Sample Qty:	1.0000 L	Prep.	Vol.: 1.0	L	Dilution: 1.0: 1
		Daca.	Reprocessed		Dilution: 1.0: 1 Date: 10/13/04 3:53:38 PM
	Mean Corr.	Mean	Calib	Mean	Sample
Element	Intensity	Conc.	Units	Conc.	Units
Y 360.073	140977.5 500391.6	1.437	µg∕L µg∕L		
Sc 361.383	500391.6 1127227.8 55.3	1.138	µg/L		/
Al 308.215	112/22/.8	35223.0	µg/L	35223.0	μg/L
			μg/L μg/L	-2.90129	μg/L
As 188.979 Ba 233.527	16.2		µg/L	17.2580	µg/L
Be 313.107	21281.4 12617.6	147.932	µg/L	147.932 1.22841	µg/L ng/I
Cd 226.502	-207.7	-2.89829	μg/L μg/L	-2.89829	μg/L μg/L
Ca 430.253	171342.8	24755.5	μg/L	24755.5	hd\r hd\r
Cr 205.560	1150.6	54.9246	µg/L µg/L	54.9246	µg/L
Co 228.616	1916.9	59.8900	µg/L	59.8900	µg/L
Cu 324.752	43714.2	75.1393	µg/L		
Fe 273.955				/5.1393	ыс/Т.
	23/6361 0	84761 8		75.1393	μg/L ug/L
Pb 220.353	2376561.0 316.5	84761.8 45.8309	µg/L	84761.8	µg/L
	316.5	45.8309	µg∕L µg∕L	84761.8 45.8309	µg∕L µg∕L
Mg 279.077	316.5 356830.7	45.8309 17278.6	μg/L μg/L μg/L	84761.8 45.8309 17278.6	µg/L µg/L µg/L
Mg 279.077 Mn 257.610	316.5 356830.7 964396.1	45.8309 17278.6 2544.20	µg/L µg/L µg/L µg/L	84761.8 45.8309 17278.6 2544.20	µg/L µg/L µg/L µg/L
Mg 279.077 Mn 257.610 Ni 231.604	316.5 356830.7 964396.1 2205.6	45.8309 17278.6 2544.20 78.0389	µg/L µg/L µg/L µg/L µg/L	84761.8 45.8309 17278.6 2544.20 78.0389	րց/L րց/L րց/L րց/L րց/L
Mg 279.077 Mn 257.610 Ni 231.604 K 766.490	316.5 356830.7 964396.1 2205.6 1121856.4	45.8309 17278.6 2544.20 78.0389 2641.62	µg/L µg/L µg/L µg/L µg/L µg/L	84761.8 45.8309 17278.6 2544.20 78.0389 2641.62	µg/L µg/L µg/L µg/L µg/L µg/L
Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026	316.5 356830.7 964396.1 2205.6 1121856.4 -10.4	45.8309 17278.6 2544.20 78.0389 2641.62 19.7136	µg/L µg/L µg/L µg/L µg/L µg/L	84761.8 45.8309 17278.6 2544.20 78.0389 2641.62 19.7136	µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289	316.5 356830.7 964396.1 2205.6 1121856.4 -10.4 89.9	45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	84761.8 45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379	րց/L րց/L րց/L րց/L րց/L րց/L րց/L
Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237	$\begin{array}{c} 316.5\\ 356830.7\\ 964396.1\\ 2205.6\\ 1121856.4\\ -10.4\\ 89.9\\ 598.0 \end{array}$	45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	84761.8 45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801	$\begin{array}{c} 316.5\\ 356830.7\\ 964396.1\\ 2205.6\\ 1121856.4\\ -10.4\\ 89.9\\ 598.0\\ -42.2\end{array}$	45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	84761.8 45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332	hd\r hd\r hd\r hd\r hd\r hd\r hd\r hd\r
Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Fl 190.801 V 292.402	$\begin{array}{r} 316.5\\ 356830.7\\ 964396.1\\ 2205.6\\ 1121856.4\\ -10.4\\ 89.9\\ 598.0\\ -42.2\\ 3029.5\end{array}$	45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	84761.8 45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Fl 190.801 V 292.402 Zn 206.200	$\begin{array}{c} 316.5\\ 356830.7\\ 964396.1\\ 2205.6\\ 1121856.4\\ -10.4\\ 89.9\\ 598.0\\ -42.2\end{array}$	45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	84761.8 45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Fl 190.801 V 292.402 Zn 206.200 B 249.677	$\begin{array}{c} 316.5\\ 356830.7\\ 964396.1\\ 2205.6\\ 1121856.4\\ -10.4\\ 89.9\\ 598.0\\ -42.2\\ 3029.5\\ 6539.1\\ 183.1 \end{array}$	45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690 235.119	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	84761.8 45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690 235.119	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Fl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031	$\begin{array}{c} 316.5\\ 356830.7\\ 964396.1\\ 2205.6\\ 1121856.4\\ -10.4\\ 89.9\\ 598.0\\ -42.2\\ 3029.5\\ 6539.1\\ 183.1\\ -4.7 \end{array}$	45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690 235.119 -1.01134 -0.761001	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	84761.8 45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690 235.119 -1.01134	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Fl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546	$\begin{array}{c} 316.5\\ 356830.7\\ 964396.1\\ 2205.6\\ 1121856.4\\ -10.4\\ 89.9\\ 598.0\\ -42.2\\ 3029.5\\ 6539.1\\ 183.1\\ -4.7 \end{array}$	45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690 235.119 -1.01134	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	84761.8 45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690 235.119 -1.01134 -0.761001	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592	$\begin{array}{c} 316.5\\ 356830.7\\ 964396.1\\ 2205.6\\ 1121856.4\\ -10.4\\ 89.9\\ 598.0\\ -42.2\\ 3029.5\\ 6539.1\\ 183.1\\ -4.7\\ 3466.2\\ 48280.3 \end{array}$	45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 ~1.81332 51.0690 235.119 -1.01134 -0.761001 25809.1	HG/L Hg/L Hg/L Hg/L Hg/L Hg/L Hg/L Hg/L Hg	$\begin{array}{c} 84761.8\\ 45.8309\\ 17278.6\\ 2544.20\\ 78.0389\\ 2641.62\\ 19.7136\\ 0.754379\\ 1405.94\\ -1.81332\\ 51.0690\\ 235.119\\ -1.01134\\ -0.761001\\ 25809.1 \end{array}$	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L
Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241150-0015	$\begin{array}{c} 316.5\\ 356830.7\\ 964396.1\\ 2205.6\\ 1121856.4\\ -10.4\\ 89.9\\ 598.0\\ -42.2\\ 3029.5\\ 6539.1\\ 183.1\\ -4.7\\ 3466.2\\ 48280.3 \end{array}$	45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690 235.119 -1.01134 -0.761001 25809.1 244.933	μg/L	84761.8 45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690 235.119 -1.01134 -0.761001 25809.1 244.933	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L
Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data	$\begin{array}{c} 316.5\\ 356830.7\\ 964396.1\\ 2205.6\\ 1121856.4\\ -10.4\\ 89.9\\ 598.0\\ -42.2\\ 3029.5\\ 6539.1\\ 183.1\\ -4.7\\ 3466.2\\ 48280.3 \end{array}$	45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690 235.119 -1.01134 -0.761001 25809.1 244.933 Seq. M Prep.	μg/L μg/L	84761.8 45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690 235.119 -1.01134 -0.761001 25809.1 244.933	μg/L μg/L
Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241150-0015	316.5 356830.7 964396.1 2205.6 1121856.4 -10.4 89.9 598.0 -42.2 3029.5 6539.1 183.1 -4.7 3466.2 48280.3	45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690 235.119 -1.01134 -0.761001 25809.1 244.933 Seq. M Prep. Data:	μg/L μg/L	84761.8 45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690 235.119 -1.01134 -0.761001 25809.1 244.933	μg/L β (53:57) PM
Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Fl 190.801 7 292.402 Zh 206.200 3 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241150-0015	$\begin{array}{c} 316.5\\ 356830.7\\ 964396.1\\ 2205.6\\ 1121856.4\\ -10.4\\ 89.9\\ 598.0\\ -42.2\\ 3029.5\\ 6539.1\\ 183.1\\ -4.7\\ 3466.2\\ 48280.3\\ \end{array}$	45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690 235.119 -1.01134 -0.761001 25809.1 244.933 Seq. M Prep.	μg/L μg/L	84761.8 45.8309 17278.6 2544.20 78.0389 2641.62 19.7136 0.754379 1405.94 -1.81332 51.0690 235.119 -1.01134 -0.761001 25809.1 244.933	μg/L μg/L

Method: TESTSc		· · · · · · · · · · · · · · · · · · ·	Page 18		Date: 10/13/04	3:54:36 PM
Element	Intensity		Units	Conc.	Units	
Y 360.073	104274.9 469323.5		µg/L µg/L			
Sc 361.383 Al 308.215	48413.0		μg/L μg/L	736.884	µg/L	
Sb 206.836		-3.64217	µg/L	-3.64217	µg/L	
As 188.979	-14.1	0.765585	µg/L	0.765585	µg/L	
Ba 233.527	11223.4	78.5138	µg/L	78.5138	hd/T	
Be 313.107	9165.9	78.5138 0.0148400 1.18143 21144.4 15.4780	µg/L	0.0148400	µg/L	
Cd 226.502	-254.5	1.18143	µg/L	1.18143	µg/L	
Ca 430.253	145828.6	21144.4	µg/L	21144.4	µg/L	
Cr 205.560	312.5	15.4780	µg/L	15.4780	µg/L	
Co 228.616	111.8	2.87061	ua/L	2.87061	µg/L	
Cu 324.752	117166.0	2.87061 239.149	µg/L	239.149	µg/L	
Fe 273.955	259611.4	9260.02	µg/L	9260.02	µg/L	
Pb 220.353	208.6	28.1202	µg/L	28.1202	µg/L	
Mg 279.077	116099.3	5612.38	µg/L	5612.38	µg/L	
Mn 257.610	108918 5	285.738	µg/L µg/L µg/L	285.738	µg/L	
Ni 231.604	1258.1	42.7578	µg/L	42.7578	µg/L	
K 766.490	2582262.3 4.1	6606.72	µq/ь	6606.72	µg/L	
Se 196.026	4.1	8.20032	µg/L	8.20032	µg/L	
Ag 338.289		0.823746	µg/L µg/L	0.823746 10541.8	µg/L	
Na 330.237	12040.0	10541.8	µg/L	10541.8	μg/L μg/L	
Tl 190.801		-8.69243	µg∕L µg∕L	-8.69243 5.74742	μg/L μg/L	
V 292.402	348.5	5.74742 424.332	μα/ш	5.74742	нд/г hd/г	
Zn 206.200	11641.2	424.332 466.522	μg/L μg/L	424.332	нд\Г Т	
B 249.677	12313.0 223.3	30.9785	μg/L μg/L	466.522 30.9785	µg/L µg/L	
Mo 202.031 Ca 227.546	223.3	30.9703			μg/L	
Na 589.592	3016.0 3108652.9	12222 0	µg/L µg/L	13223 9	hð\T hd\T	
				19223.9	на т	
Mean Data		Cod	No : 42 Sampl		2/9 Pos· ()	
10: 241171-001	ο Γ΄ ΟΟΟΟ Τ	sey. Prep	Vol · 10	т.	Dilution:	1.0: 1.
Sampre Qcy.	1.0000 1	Data:	Reprocessed	Ш	Date: 10/13/04	3:54:16 PM
					A/S Pos: 0 Dilution: Date: 10/13/04	
	Mean Corr.	Mean	Calib	Mean Conc.	Sample	
Element	Intensity	Conc.	Units µg/L	Conc.	Units	
Y 360.073	140833.7	1.436	µg/L			
Sc 361.383	507416.0	1.154	µg/L	C1001 4	· · · · · / ·	
Al 308.215		61681.4	ug/L ug/L ug/L ug/L	61681.4 -5.44095	μg/L μg/L	
Sb 206.836	44.7 19.0	-5.44095	μg/L μg/L	-5.44095 18.2595	hd\r hd\r	
As 188.979 Ba 233.527	100185.2	18.2595 692.507	μg/L	692.507	µg/L	
Be 313.107	12921.8	0.929394	μg/L	0.929394	µg/L	
Cd 226.502	-213.3	-5.07437	µg/L	-5.07437	µg/⊥	
Ca 430.253	135667.6	19632.5	µg/L	19632.5	µg/L	
Cr 205.560	4647.3	219.494	µg/L	219.494	µg/L	
Co 228.616	1946.2	60.8134	µg/L	60.8134	μg/L	
Cu 324.752	162854.9	341.167	µg/L	341.167	µg/L	
Fe 273.955	3191005.3	113802	μg/L	113802	µg/L	
Pb 220.353	466.3	70.5214	μg/L	70.5214	µg/L	
Mg 279.077	764287.2	37024.6	μg/L	37024.6	µg/L	
4n 257.610	527902.0		µg/L	1391.44	µg/L	
Ni 231.604					hd/r	
	5090.6	185.421	µg/L	185.421	r9/~	
	5090.6 8099719.8	1391.44 185.421 21587.0	· · · ·	$185.421 \\ 21587.0$	µg/L	
K 766.490	5090.6	185.421 21587.0 23.2433	µg/L	2 · · · · · · · · · · · · · · · · · · ·		
K 766.490 Se 196.026	5090.6 8099719.8	21587.0 23.2433	μg/L μg/L	21587.0 23.2433 -21.0546	μg/L μg/L μg/L	
K 766.490 Se 196.026 Ag 338.289	5090.6 8099719.8 -18.9	21587.0 23.2433	μg/L μg/L μg/L	21587.0 23.2433	hā\r hā\r	
K 766.490 Se 196.026 Ag 338.289 Na 330.237	5090.6 8099719.8 -18.9 -1919.3 -1406.6 -109.3	21587.0 23.2433 -21.0546 -134.229 -51.9057	μg/L μg/L μg/L μg/L	21587.0 23.2433 -21.0546 -134.229 -51.9057	μg/L μg/L μg/L μg/L μg/L	
K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801	5090.6 8099719.8 -18.9 -1919.3 -1406.6 -109.3 11816.3	21587.0 23.2433 -21.0546 -134.229 -51.9057 199.611	μg/L μg/L μg/L μg/L μg/L μg/L μg/L	$\begin{array}{c} 21587.0\\ 23.2433\\ -21.0546\\ -134.229\\ -51.9057\\ 199.611 \end{array}$	μg/L μg/L μg/L μg/L μg/L μg/L	
K 766.490 Se 196.026 Ag 338.289 Na 330.237 T1 190.801 V 292.402	5090.6 8099719.8 -18.9 -1919.3 -1406.6 -109.3 11816.3 7976.4	21587.0 23.2433 -21.0546 -134.229	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	$\begin{array}{c} 21587.0\\ 23.2433\\ -21.0546\\ -134.229\\ -51.9057\\ 199.611\\ 286.395\end{array}$	μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677	5090.6 8099719.8 -18.9 -1919.3 -1406.6 -109.3 11816.3 7976.4 211.7	21587.0 23.2433 -21.0546 -134.229 -51.9057 199.611 286.395 0.0929877	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	$\begin{array}{c} 21587.0\\ 23.2433\\ -21.0546\\ -134.229\\ -51.9057\\ 199.611\\ 286.395\\ 0.0929877\end{array}$	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031	$\begin{array}{c} 5090.6\\ 8099719.8\\ -18.9\\ -1915.3\\ -1406.6\\ -109.3\\ 11816.3\\ 7976.4\\ 211.7\\ 18.3\end{array}$	21587.0 23.2433 -21.0546 -134.229 -51.9057 199.611 286.395 0.0929877 2.43865	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	$\begin{array}{c} 21587.0\\ 23.2433\\ -21.0546\\ -134.229\\ -51.9057\\ 199.611\\ 286.395\\ 0.0929877\\ 2.43865\end{array}$	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
K 766.490 Se 196.026 Ag 338.289 Na 330.237 Fl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546	$\begin{array}{c} 5090.6\\ 8099719.8\\ -18.9\\ -1919.3\\ -1406.6\\ -109.3\\ 11816.3\\ 7976.4\\ 211.7\\ 18.3\\ 2704.8 \end{array}$	21587.0 23.2433 -21.0546 -134.229 -51.9057 199.611 286.395 0.0929877 2.43865 20824.1	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	$\begin{array}{c} 21587.0\\ 23.2433\\ -21.0546\\ -134.229\\ -51.9057\\ 199.611\\ 286.395\\ 0.0929877\\ 2.43865\\ 20824.1 \end{array}$	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
<pre>x 766.490 Se 196.026 Ag 338.289 Na 330.237 F1 190.801 / 292.402 Zn 206.200 3 249.677 40 202.031 Ca 227.546 Na 589.592</pre>	$\begin{array}{c} 5090.6\\ 8099719.8\\ -18.9\\ -1919.3\\ -1406.6\\ -109.3\\ 11816.3\\ 7976.4\\ 211.7\\ 18.3\\ 2704.8\\ 240113.6\end{array}$	21587.0 23.2433 -21.0546 -134.229 -51.9057 199.611 286.395 0.0929877 2.43865 20824.1 1058.49	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	$\begin{array}{c} 21587.0\\ 23.2433\\ -21.0546\\ -134.229\\ -51.9057\\ 199.611\\ 286.395\\ 0.0929877\\ 2.43865\\ 20824.1\\ 1058.49 \end{array}$	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data	$\begin{array}{c} 5090.6\\ 8099719.8\\ -18.9\\ -1919.3\\ -1406.6\\ -109.3\\ 11816.3\\ 7976.4\\ 211.7\\ 18.3\\ 2704.8\\ 240113.6\end{array}$	21587.0 23.2433 -21.0546 -134.229 -51.9057 199.611 286.395 0.0929877 2.43865 20824.1 1058.49	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	$\begin{array}{c} 21587.0\\ 23.2433\\ -21.0546\\ -134.229\\ -51.9057\\ 199.611\\ 286.395\\ 0.0929877\\ 2.43865\\ 20824.1\\ 1058.49\end{array}$	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data	5090.6 8099719.8 -18.9 -1919.3 -1406.6 -109.3 11816.3 7976.4 211.7 18.3 2704.8 240113.6	21587.0 23.2433 -21.0546 -134.229 -51.9057 199.611 286.395 0.0929877 2.43865 20824.1 1058.49	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	21587.0 23.2433 -21.0546 -134.229 -51.9057 199.611 286.395 0.0929877 2.43865 20824.1 1058.49	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
K 766.490 Se 196.026 Ag 338.289 Na 330.237 T1 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data	5090.6 8099719.8 -18.9 -1919.3 -1406.6 -109.3 11816.3 7976.4 211.7 18.3 2704.8 240113.6	21587.0 23.2433 -21.0546 -134.229 -51.9057 199.611 286.395 0.0929877 2.43865 20824.1 1058.49	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	21587.0 23.2433 -21.0546 -134.229 -51.9057 199.611 286.395 0.0929877 2.43865 20824.1 1058.49	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	1.0: 1. 3:54:35 PM
K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: CRIM03ICRI Sample Qty:	5090.6 8099719.8 -18.9 -1919.3 -1406.6 -109.3 11816.3 7976.4 211.7 18.3 2704.8 240113.6	21587.0 23.2433 -21.0546 -134.229 -51.9057 199.611 286.395 0.0929877 2.43865 20824.1 1058.49 Seq. Prep. Data:	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	21587.0 23.2433 -21.0546 -134.229 -51.9057 199.611 286.395 0.0929877 2.43865 20824.1 1058.49 e No.: č	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	1.0: 1. 3:54:35 PM
K 766.490 Se 196.026 Ag 338.289 Na 330.237 Fl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: CRIM03ICRI Sample Qty:	5090.6 8099719.8 -18.9 -1919.3 -1406.6 -109.3 11816.3 7976.4 211.7 18.3 2704.8 240113.6	21587.0 23.2433 -21.0546 -134.229 -51.9057 199.611 286.395 0.0929877 2.43865 20824.1 1058.49 Seq. Prep. Data:	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	21587.0 23.2433 -21.0546 -134.229 -51.9057 199.611 286.395 0.0929877 2.43865 20824.1 1058.49	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	1.0: 1. 3:54:35 PM

Method: TESTSc					Date: 10/13/04	
Y 360.073	107833.6	1.100	µg/L			
Sc 361.383	475429.4	1.081	µg/L			المراجع br>المراجع المراجع
Al 308.215	28746.8	109.642	µg/L			
Sb 206.836	443.3	121.977	µg/L			
As 188.979	22.8	20.5392	μg/L			
Ba 233.527	212.2	2.51702	µg/L			
Be 313.107	35532.4	9.98390	µg/L			
Cd 226.502	117.3	11.3879	µg/L			
Ca 430.253	907.8	440.491	µg/L			
Cr 205.560	451.1	21.9988	µg/L			
Co 228.616	3421.5	107.416	µg/L			
Cu 324.752	32866.1	50.9167	µg/L			
Fe 273.955	10674.8	376.139	µg/L			
Pb 220.353	51.2	4.05632	µg/L			
Mg 279.077		105.092	µg/L			
Mn 257.610		38.4684	µg/L			
Ni 231.604		87.7898	µg/L			
K 766.490	169986.3	57.2290	µg/L		and the second second second	
Se 196.026	11.9	13.0321	µg/L			
Ag 338.289	1936.3	20.7965	µg/L			
Na 330.237	-464.5	699.615	µg/L			
Tl 190.801	-8.9	21.4017	µg/L			
V 292.402	6109.0 1260.3	103.129	µg/L			
Zn 206.200	1260.3	42.8402	µg/L			•
B 249.677	230.7	0.742173	µg/L			
Mo 202.031 Ca 227.546	2.5	0.241892	hd/r			
		346.858	µg/L			
Na 589.592	25376.3	147.798	µg/L			
Mean Data ID: ISAM03ISA0		Cor No	: 44 Sample No.:		λ/ς Dog 0	
Sample Otv:	1.0000 a	Prep. Vo	1.: 1.0 L processed	/	Dilution:	1.0: 1.
		Data, Bo	processed		Date: 10/13/04	3:54:55 PM
		Data. Re	Processed			
			Calib	Mean	Sample	- <u></u>
Element	Mean Corr. Intensity	Mean Conc.	Calib Units			
	Mean Corr. Intensity	Mean Conc.	Calib	Mean	Sample	
Element Y 360.073 Sc 361.383	Mean Corr. Intensity 90475.2 416630.7	Mean Conc. 0.923 0.948	Calib Units	Mean	Sample	•
Element Y 360.073 Sc 361.383 Al 308.215	Mean Corr. Intensity 90475.2 416630.7 16080677.1	Mean Conc. 0.923 0.948 513170	Calib Units µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7	Mean Conc. 0.923 0.948 513170 -22.5097	Calib Units µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283	Calib Units µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Fb 220.353 Mg 279.077 Mn 257.610 Ni 231.604	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Fb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8 419.6	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494 4.33323	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Fb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8 419.6 587.5	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494 4.33323 155.125	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Fl 190.801	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8 419.6 587.5 -82.3	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494 4.33323 155.125 0.309319	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Th 190.801 V 292.402	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8 419.6 587.5 -82.3 96.6	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494 4.33323 155.125 0.309319 1.48873	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Th 190.801 V 292.402 Zn 206.200	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8 419.6 587.5 -82.3 96.6 875.2	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494 4.3323 155.125 0.309319 1.48873 -5.22451	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8 419.6 587.5 -82.3 96.6 875.2 122.3	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494 4.33323 155.125 0.309319 1.48873 -5.22451 -3.25621	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Fl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8 419.6 587.5 -82.3 96.6 875.2 122.3 -1.7	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494 4.3323 155.125 0.309319 1.48873 -5.22451 -3.25621 -0.343813	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Fb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Fl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8 419.6 587.5 -82.3 96.6 875.2 122.3 -1.7 76388.0	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494 4.33323 155.125 0.309319 1.48873 -5.22451 -3.25621	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean	Sample	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Fb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592	Mean Corr. Intensity 90475.2 416630.7 16080677.1 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8 419.6 587.5 -82.3 96.6 875.2 122.3 -1.7 76388.0 59270.3	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494 4.33323 155.125 0.309319 1.48873 -5.22451 -3.25621 -0.343813 546793 291.541	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean Conc.	Sample Units	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8 419.6 587.5 -82.3 96.6 875.2 122.3 -1.7 76388.0 59270.3	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494 4.33323 155.125 0.309319 1.48873 -5.22451 -3.25621 -0.343813 546793 291.541	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean Conc.	Sample Units	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Fb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: ISBM03ISR00	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8 419.6 587.5 -82.3 96.6 875.2 122.3 -1.7 76388.0 59270.3	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494 4.33323 155.125 0.309319 1.48873 -5.22451 -3.25621 -0.343813 546793 291.541	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean Conc.	Sample Units	
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: ISBM03ISR0(Sample Qty:	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8 419.6 587.5 -82.3 96.6 875.2 122.3 -1.7 76388.0 59270.3	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494 4.33323 155.125 0.309319 1.48873 -5.22451 -3.25621 -0.343813 546793 291.541	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean Conc.	Sample Units A/S Pos: 0 Dilution:	1.0: 1.
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: ISEM03ISR00 Sample Qty:	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8 419.6 587.5 -82.3 96.6 875.2 122.3 -1.7 76388.0 59270.3	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494 4.33323 155.125 0.309319 1.48873 -5.22451 -3.25621 -0.343813 546793 291.541 Seq. No. Prep. Vo Data: Re	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean Conc.	Sample Units A/S Pos: 0 Dilution: Date: 10/13/04	1.0: 1. 3:55:14 PM
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 245.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: ISEM03ISR00 Sample Qty:	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8 419.6 587.5 -82.3 96.6 875.2 122.3 -1.7 76388.0 59270.3)2 1.0000 g Mean Corr.	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494 4.33323 155.125 0.309319 1.48873 -5.22451 -3.25621 -0.343813 546793 291.541 Seq. No. Prep. Vo Data: Re	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean Conc. 9 9	Sample Units A/S Pos: 0 Dilution: Date: 10/13/04 Sample	1.0: 1. 3:55:14 PM
Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 245.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: ISEM03ISR00 Sample Qty:	Mean Corr. Intensity 90475.2 416630.7 16080677.1 77.7 -43.7 958.9 9730.8 -66.5 3888619.4 23.6 102.9 8627.8 5291383.3 -330.7 10307603.6 6775.9 13.9 194125.1 -32.8 419.6 587.5 -82.3 96.6 875.2 122.3 -1.7 76388.0 59270.3)2 1.0000 g Mean Corr.	Mean Conc. 0.923 0.948 513170 -22.5097 -7.03283 7.67059 0.246247 -6.53562 555363 1.88182 2.58809 -3.20447 188726 3.85907 499509 8.01022 -3.55034 122.767 -2.61494 4.3323 155.125 0.309319 1.48873 -5.22451 -3.25621 -0.343813 546793 291.541 Seq. No. Prep. Vo Data: Re Mean Conc.	Calib Units µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	Mean Conc.	Sample Units A/S Pos: 0 Dilution: Date: 10/13/04 Sample	1.0: 1. 3:55:14 PM

and the second				
Method: TEST	Sc		Page 20	Date: 10/13/04 3:55:55 PM
Sc 361.383	420650.5	0.957	µg/L	
Al 308.215	16277468.1	519451	µg/L	
Sb 206.836	2187.9	651.121	µg/L	
As 188.979	152.8	99.6014	µg/L	
Ba 233.527	78236.8	541.024	µg/L	
Be 313.107	1271953.2	489.149	µg/L	
Cd 226.502	36055.7	924.774	μq/L	
Ca 430.253	3861512.6	551484	µg/L	
Cr 205.560	10575.0	498.480	µg/L	
Co 228.616	15194.1	479.283	µg/L	
Cu 324.752	255373.7	547.750	µg/L	
Fe 273.955	5310889.8	189395	µg/L	
Pb 220.353	-31.7	49.6182	µg/L	$\mathcal{L}_{\mathcal{A}} = \{ \mathcal{L}_{\mathcal{A}} : \mathcal{L}_{\mathcal{A}} \in \mathcal{L} \}$
Mg 279.077	10315535.0	499893	µg/L	
Mn 257.610	195601.0	506.544	µg/L	
Ni 231.604	25527.6	946.202	µg/L	
K 766.490	184812.2	97.4824	µg/L	
Se 196.026	30.8	49.9412	µg/L	
Ag 338.289	20566.2	223.019	µg/L	
Na 330.237	3004.6	2063.70	μq/L	
Tl 190.801	41.7	91.6126	µg/L	
V 292.402	30248.9	511.217	µg/L	
Zn 206.200	26111.4	922.412	µg/L	
B 249.677	77.8	-5.78069	µg/L	
Mo 202.031	-5.1	-0.812039	µg/L	
Ca 227.546	76569.0	548027	µg/L	
Na 589.592	42489.6	220.375	µg/L	
Mean Data				
ID: CCVM03AGC			q. No.: 46 Sample No.: 11	
Sample Qty:	1.0000 g		ep. Vol.: 1.0 L	
		Da	ta: Reprocessed	Date: 10/13/04 3:55:35 PM
	Mean Corr.	Mean	Calib Me	an Sample
Element	Intensity	Conc.		onc. Units
Y 360.073	107421.6	1.095	uc/L	
Y 360.073 Sc 361.383	107421.6	1.095 1.076	μg/L μg/L	
			µg/L	
Sc 361.383	473072.6	1.076		
Sc 361.383 Al 308.215	473072.6 64307.6	1.076 1248.44	μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836	473072.6 64307.6 53.0	1.076 1248.44 -2.71302	μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979	473072.6 64307.6 53.0 -10.5	1.076 1248.44 -2.71302 2.42806	μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527	473072.6 64307.6 53.0 -10.5 118.4	1.076 1248.44 -2.71302 2.42806 1.86958	μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107	473072.6 64307.6 53.0 -10.5 118.4 11597.6	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633	μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502	473072.6 64307.6 53.0 -10.5 118.4 11597.6 -200.8	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253	473072.6 64307.6 53.0 -10.5 118.4 11597.6 -200.8 8883.9	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560	473072.6 64307.6 53.0 -10.5 118.4 11597.6 -200.8 8883.9 20.9	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616	473072.6 64307.6 53.0 -10.5 118.4 11597.6 -200.8 8883.9 20.9 -17.6	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752	$\begin{array}{r} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 8883.9\\ 20.9\\ -17.6\\ 145469.5 \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955	$\begin{array}{c} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 8883.9\\ 20.9\\ -17.6\\ 145469.5\\ 18592.3 \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324:752 Fe 273.955 Pb 220.353 Mg 279.077	$\begin{array}{r} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 883.9\\ 20.9\\ -17.6\\ 145469.5\\ 18592.3\\ -12.0\\ \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324:752 Fe 273.955 Pb 220.353	$\begin{array}{r} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 8883.9\\ 20.9\\ -17.6\\ 145469.5\\ 145469.5\\ 18592.3\\ -12.0\\ 30455.9 \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324:752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610	$\begin{array}{r} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 8883.9\\ 20.9\\ -17.6\\ 145469.5\\ 18592.3\\ -12.0\\ 30455.9\\ 1631.0\\ \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Fb 220.353 Mg 279.077 Mn 257.610 Ni 231.604	$\begin{array}{r} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 8883.9\\ 20.9\\ -17.6\\ 145469.5\\ 18592.3\\ -12.0\\ 30455.9\\ 1631.0\\ 125.9 \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490	473072.6 64307.6 53.0 -10.5 118.4 11597.6 -200.8 8883.9 20.9 -17.6 145469.5 18592.3 -12.0 30455.9 1631.0 125.9 153899.5	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026	$\begin{array}{c} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 8883.9\\ 20.9\\ -17.6\\ 145469.5\\ 18592.3\\ -12.0\\ 30455.9\\ 1631.0\\ 125.9\\ 153899.5\\ 0.0\\ \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523 3.21524	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Fb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289	$\begin{array}{c} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 8883.9\\ 20.9\\ -17.6\\ 145469.5\\ 18592.3\\ -12.0\\ 30455.9\\ 1631.0\\ 125.9\\ 153899.5\\ 0.0\\ 27787.9 \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523 3.21524 301.409	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237	$\begin{array}{r} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 8883.9\\ 20.9\\ -17.6\\ 145469.5\\ 18592.3\\ -12.0\\ 30455.9\\ 1631.0\\ 125.9\\ 153899.5\\ 0.0\\ 27787.9\\ -557.7\\ \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523 3.21524 301.409 624.123	μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801	$\begin{array}{c} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 8883.9\\ 20.9\\ -17.6\\ 145469.5\\ 18592.3\\ -12.0\\ 30455.9\\ 1631.0\\ 125.9\\ 153899.5\\ 0.0\\ 27787.9\\ -557.7\\ 374.2 \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523 3.21524 301.409 624.123 306.163	μg/L μg/L <	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402	$\begin{array}{c} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 883.9\\ 20.9\\ -17.6\\ 145469.5\\ 145469.5\\ 18592.3\\ -12.0\\ 30455.9\\ 1631.0\\ 125.9\\ 1631.0\\ 125.9\\ 153899.5\\ 0.0\\ 27787.9\\ -557.7\\ 374.2\\ -265.4\\ 150.5\\ 27152.2\\ \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523 3.21524 301.409 624.123 306.163 -4.63022	μg/L μg/L <	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 336.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200	$\begin{array}{r} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 883.9\\ 20.9\\ -17.6\\ 145469.5\\ 18592.3\\ -12.0\\ 30455.9\\ 1631.0\\ 125.9\\ 1631.0\\ 125.9\\ 153899.5\\ 0.0\\ 27787.9\\ -557.7\\ 374.2\\ -265.4\\ 150.5\\ \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523 3.21524 301.409 624.123 306.163 -4.63022 1.95195	μg/L μg/L <	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324;752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031	$\begin{array}{c} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 883.9\\ 20.9\\ -17.6\\ 145469.5\\ 145469.5\\ 18592.3\\ -12.0\\ 30455.9\\ 1631.0\\ 125.9\\ 1631.0\\ 125.9\\ 153899.5\\ 0.0\\ 27787.9\\ -557.7\\ 374.2\\ -265.4\\ 150.5\\ 27152.2\\ \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523 3.21524 301.409 624.123 306.163 -4.63022 1.95195 1038.37	μg/L μg/L <	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324:752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546	$\begin{array}{c} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 883.9\\ 20.9\\ -17.6\\ 145469.5\\ 145469.5\\ 18592.3\\ -12.0\\ 30455.9\\ 1631.0\\ 125.9\\ 1631.0\\ 125.9\\ 153899.5\\ 0.0\\ 27787.9\\ -557.7\\ 374.2\\ -265.4\\ 150.5\\ 27152.2\\ 7399.2 \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523 3.21524 301.409 624.123 306.163 -4.63022 1.95195 1038.37 1029.98	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324:752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677	$\begin{array}{r} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 8883.9\\ 20.9\\ -17.6\\ 145469.5\\ 18592.3\\ -12.0\\ 30455.9\\ 1631.0\\ 125.9\\ 153899.5\\ 0.0\\ 27787.9\\ -557.7\\ 374.2\\ -265.4\\ 150.5\\ 27152.2\\ 7399.2\\ 231.1\\ 14265.8\\ \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523 3.21524 301.409 624.123 306.163 -4.63022 1.95195 1038.37 1029.98 1506.43	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324;752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592	$\begin{array}{r} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 8883.9\\ 20.9\\ -17.6\\ 145469.5\\ 18592.3\\ -12.0\\ 30455.9\\ 1631.0\\ 125.9\\ 1631.0\\ 125.9\\ 153899.5\\ 0.0\\ 27787.9\\ -557.7\\ 374.2\\ -265.4\\ 150.5\\ 27152.2\\ 7399.2\\ 231.1\\ 14265.8\\ \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523 3.21524 301.409 624.123 306.163 -4.63022 1.95195 1038.37 1029.98 1506.43 100.678	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324:752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data	$\begin{array}{c} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 8883.9\\ 20.9\\ -17.6\\ 145469.5\\ 18592.3\\ -12.0\\ 30455.9\\ 1631.0\\ 125.9\\ 1631.0\\ 125.9\\ 153899.5\\ 0.0\\ 27787.9\\ -557.7\\ 374.2\\ -265.4\\ 150.5\\ 27152.2\\ 7399.2\\ 231.1\\ 142.65.8\\ \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523 3.21524 301.409 624.123 306.163 -4.63022 1.95195 1038.37 1029.98 1506.43 100.678	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	A/S Pos: 0 Dilution: 1.0: 1.0 Date: 10/13/04 3:55:55 PM
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Fb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 338.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: CCVM03IRG	$\begin{array}{c} 473072.6\\ 64307.6\\ 53.0\\ -10.5\\ 118.4\\ 11597.6\\ -200.8\\ 8883.9\\ 20.9\\ -17.6\\ 145469.5\\ 18592.3\\ -12.0\\ 30455.9\\ 1631.0\\ 125.9\\ 1631.0\\ 125.9\\ 153899.5\\ 0.0\\ 27787.9\\ -557.7\\ 374.2\\ -265.4\\ 150.5\\ 27152.2\\ 7399.2\\ 231.1\\ 14265.8\\ \end{array}$	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523 3.21524 301.409 624.123 306.163 -4.63022 1.95195 1038.37 1029.98 1506.43 100.678	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	A/S Pos: 0 Dilution: 1.0: 1.0 Date: 10/13/04 3:55:55 PM
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 336.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: CCVM03IRC Sample Qty:	473072.6 64307.6 53.0 -10.5 118.4 11597.6 -200.8 883.9 20.9 -17.6 145469.5 18592.3 -12.0 30455.9 1631.0 125.9 153899.5 0.0 27787.9 -557.7 374.2 -265.4 150.5 27152.2 7399.2 231.1 14265.8 CCV02 1.0000 g Mean Corr.	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523 3.21524 301.409 624.123 306.163 -4.63022 1.95195 1038.37 1029.98 1506.43 100.678	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	A/S Pos: 0 Dilution: 1.0: 1.0 Date: 10/13/04 3:55:55 PM
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 336.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: CCVM03IRC Sample Qty: 	473072.6 64307.6 53.0 -10.5 118.4 11597.6 -200.8 883.9 20.9 -17.6 145469.5 18592.3 -12.0 30455.9 1631.0 125.9 153899.5 0.0 27787.9 -557.7 374.2 -265.4 150.5 27152.2 7399.2 231.1 14265.8 :CV02 1.0000 g Mean Corr. Intensity	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523 3.21524 301.409 624.123 306.163 -4.63022 1.95195 1038.37 1029.98 1506.43 100.678	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	A/S Pos: 0 Dilution: 1.0: 1.0 Date: 10/13/04 3:55:55 PM
Sc 361.383 Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Ni 231.604 K 766.490 Se 196.026 Ag 336.289 Na 330.237 Tl 190.801 V 292.402 Zn 206.200 B 249.677 Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: CCVM03IRC Sample Qty:	473072.6 64307.6 53.0 -10.5 118.4 11597.6 -200.8 883.9 20.9 -17.6 145469.5 18592.3 -12.0 30455.9 1631.0 125.9 153899.5 0.0 27787.9 -557.7 374.2 -265.4 150.5 27152.2 7399.2 231.1 14265.8 CCV02 1.0000 g Mean Corr.	1.076 1248.44 -2.71302 2.42806 1.86958 0.988633 3.16615 1578.89 1.75398 -1.21594 302.347 664.267 -5.46770 1461.97 2.54286 0.615712 13.5523 3.21524 301.409 624.123 306.163 -4.63022 1.95195 1038.37 1029.98 1506.43 100.678	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	A/S Pos: 0 Dilution: 1.0: 1.0 Date: 10/13/04 3:55:55 PM

Method: TESTS	c		Page 21	Date: 10/13/04 3:56:36 PM
31 300 015	252500 0	10441 1	/-	
Al 308.215	353589.9	10441.1	µg/L	
Sb 206.836	1699.4	529.825	µg/L	
As 188.979	-14.7	-2.89871	µg/L	
Ba 233.527	1499567.L	10350.7	µg/L	
Be 313.107	648974.1	241.457	µg/L	
Cd 226.502	-208.3	2.65584	µg/L	
Ca 430.253	172891.5	25001.2	µg/L	
Cr 205.560	21419.3	1008.86	µg/L	
Co 228.616	78789.2		µg/L	
Cu 324.752	557996.5	1223.47	µg/L	
Fe 273.955	149211.2	5187.76		
			µg/L	
Pb 220.353		-0.573326	µg/L	
Mg 279.077	528304.0	25588.5	µg/L	
Mn 257.610	945177.4	2493.32	µg/L	
Ni 231.604	67767.0	2518.83	µg/L	
K 766.490	10389699.8	27804.4	µg/L	
Se 196.026	-0.2	4.70349	µg/L	
Ag 338.289	69802.1	757.460	µg/L	
Na 330.237	28488.2	23490.0	µg/L	
Tl 190.801	-24.1	8.60270	µg/L	
V 292.402		2534.74	µg/L	
Zn 206.200				
			μg/L	
B 249.677	427.3	4.26898	µg/L	
Mo 202.031	3542.9	493.125	µg/L	
Ca 227.546		24742.9	µg/L	
Na 589.592	6998656.9	29721.3	µg/L	
Mean Data				
	CCV1	Seq.	No.: 48 Sample No.: 13	A/S Pos: 0
Sample Qty:	1.0000 g	Prep.	Vol.: 1.0 L	Dilution: 1.0: 1.0
		Data:	Reprocessed	Date: 10/13/04 3:56:15 PM
	Mean Corr.	Mean	Calib Mean	Sample
Element	Intensity	Conc.	Units Conc.	Units
Y 360.073	108575.4	1.107	µg/L	
Sc 361.383	485263.5	1.104		
	485263.5	1.104 377.832	µg/L	
Al 308.215	37074.7	377.832	µg/L µg/L	
Al 308.215 Sb 206.836	37074.7 1667.4	377.832 511.080	μg/L μg/L μg/L	
Al 308.215 Sb 206.836 As 188.979	37074.7 1667.4 1842.3	377.832 511.080 1007.28	μg/L μg/L μg/L μg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527	37074.7 1667.4 1842.3 3333.5	377.832 511.080 1007.28 24.0598	μg/L μg/L μg/L μg/L μg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107	37074.7 1667.4 1842.3 3333.5 10947.5	377.832 511.080 1007.28 24.0598 0.713757	μg/L μg/L μg/L μg/L μg/L μg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Id 226.502	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7	377.832 511.080 1007.28 24.0598 0.713757 506.452	μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Id 226.502 Ia 430.253	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560	$\begin{array}{r} 37074.7\\ 1667.4\\ 1842.3\\ 3333.5\\ 10947.5\\ 19317.7\\ 3241.4\\ 45.3 \end{array}$	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302	μg/L μg/L μg/L μg/L μg/L μg/L μg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560	$\begin{array}{r} 37074.7\\ 1667.4\\ 1842.3\\ 3333.5\\ 10947.5\\ 19317.7\\ 3241.4\\ 45.3 \end{array}$	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 4g 279.077	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 4g 279.077 4n 257.610 Vi 231.604	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Id 226.502 Ia 430.253 Ir 205.560 Io 228.616 Iu 324.752 Fe 273.955 Fb 220.353 4g 279.077 4n 257.610 Vi 231.604 K 766.490	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 45.6069	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 4g 279.077 4n 257.610 Vi 231.604 Ci 766.490 Se 196.026	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 45.6069 1038.62	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Vi 231.604 K 766.490 Se 196.026 Ag 338.289	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 4.62128 45.6069 1038.62 9.32507	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Vi 231.604 K 766.490 Se 196.026 Ag 338.289 Va 330.237	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 45.6069 1038.62 9.32507 442.204	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 4g 279.077 4n 257.610 Vi 231.604 K 766.490 Se 196.026 Ag 338.289	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 4.62128 45.6069 1038.62 9.32507	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Vi 231.604 K 766.490 Se 196.026 Ag 338.289 Va 330.237	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4 -789.8	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 45.6069 1038.62 9.32507 442.204	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Vi 231.604 K 766.490 Se 196.026 Ag 338.289 Va 330.237 Fl 190.801	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4 -789.8 1287.4 204.7	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 45.6669 1038.62 9.32507 442.204 984.579 3.31518	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Vi 231.604 K 766.490 Se 196.026 Ag 338.289 Va 330.237 Fl 190.801 / 292.402 Sn 206.200	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4 -789.8 1287.4 204.7 241.0	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 45.6069 1038.62 9.32507 442.204 984.579 3.31518 5.33762	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Vi 231.604 K 766.490 Se 196.026 Ag 338.289 Va 330.237 Fl 190.801 / 292.402 Cn 206.200 3 249.677	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4 -789.8 1287.4 204.7 241.0 279.0	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 45.6069 1038.62 9.32507 442.204 984.579 3.31518 5.33762 2.77926	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 4g 279.077 4n 257.610 Vi 231.604 < 766.490 Se 196.026 Ag 338.289 Va 330.237 Fl 190.801 / 292.402 Cn 206.200 3 249.677 40 202.031	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4 -789.8 1287.4 204.7 241.0 279.0 3606.6	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 45.6069 1038.62 9.32507 442.204 984.579 3.31518 5.33762 2.77926 501.980	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Cu 324.752 Fe 273.955 Pb 220.353 4g 279.077 4n 257.610 Vi 231.604 < 766.490 Se 196.026 Ag 338.289 Va 330.237 Fl 190.801 7 292.402 Ch 206.200 3 249.677 40 202.031 Ca 227.546	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4 -789.8 1287.4 204.7 241.0 279.0 3606.6 109.4	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 45.6069 1038.62 9.32507 442.204 984.579 3.31518 5.33762 2.77926 501.980 632.433	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 4g 279.077 4n 257.610 Vi 231.604 < 766.490 Se 196.026 Ag 338.289 Va 330.237 Fl 190.801 / 292.402 Cn 206.200 3 249.677 40 202.031	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4 -789.8 1287.4 204.7 241.0 279.0 3606.6 109.4 23192.4	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 4.62128 45.6069 1038.62 9.32507 442.204 984.579 3.31518 5.33762 2.77926 501.980 632.433 138.536	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Vi 231.604 K 766.490 Se 196.026 Ag 338.289 Va 330.237 Cl 190.801 7 292.402 Cn 206.200 3 249.677 40 202.031 Ca 227.546 Va 589.592 4ean Data	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4 -789.8 1287.4 204.7 241.0 279.0 3606.6 109.4 23192.4	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 4.62128 45.6069 1038.62 9.32507 442.204 984.579 3.31518 5.33762 2.77926 501.980 632.433 138.536	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Vi 231.604 X 766.490 Se 196.026 Ag 338.289 Va 330.237 Fl 190.801 / 292.402 Cn 206.200 3 249.677 Ao 202.031 Ca 227.546 Va 589.592 Aean Data ED: CCB	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4 -789.8 1287.4 204.7 241.0 279.0 3606.6 109.4 23192.4	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 4.62128 45.6069 1038.62 9.32507 442.204 984.579 3.31518 5.33762 2.77926 501.980 632.433 138.536	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	A/S Pos: 0
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Vi 231.604 K 766.490 Se 196.026 Ag 338.289 Va 330.237 Cl 190.801 7 292.402 Cn 206.200 3 249.677 40 202.031 Ca 227.546 Va 589.592 4ean Data	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4 -789.8 1287.4 204.7 241.0 279.0 3606.6 109.4 23192.4	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 45.6069 1038.62 9.32507 442.204 984.579 3.31518 5.33762 2.77926 501.980 632.433 138.536	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	A/S Pos: 0 Dilution: 1.0: 1.0
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Vi 231.604 X 766.490 Se 196.026 Ag 338.289 Va 330.237 Fl 190.801 / 292.402 Cn 206.200 3 249.677 Ao 202.031 Ca 227.546 Va 589.592 Aean Data ED: CCB	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4 -789.8 1287.4 204.7 241.0 279.0 3606.6 109.4 23192.4	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 45.6069 1038.62 9.32507 442.204 984.579 3.31518 5.33762 2.77926 501.980 632.433 138.536 Seq. Prep.	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Vi 231.604 X 766.490 Se 196.026 Ag 338.289 Va 330.237 Fl 190.801 / 292.402 Cn 206.200 3 249.677 40 202.031 Ca 227.546 Va 589.592 4ean Data ED: CCB	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4 -789.8 1287.4 204.7 241.0 279.0 3606.6 109.4 23192.4	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 45.6069 1038.62 9.32507 442.204 984.579 3.31518 5.33762 2.77926 501.980 632.433 138.536 Seq. Prep. Data:	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Dilution: 1.0: 1.0 Date: 10/13/04 3:56:36 PM
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Vi 231.604 X 766.490 Se 196.026 Ag 338.289 Va 330.237 Fl 190.801 / 292.402 Ch 206.200 3 249.677 Mo 202.031 Ca 227.546 Na 589.592 Aean Data D: CCB Sample Qty:	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4 -789.8 1287.4 204.7 241.0 279.0 3606.6 109.4 23192.4 1.0000 g Mean Corr.	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 45.6069 1038.62 9.32507 442.204 984.579 3.31518 5.33762 2.77926 501.980 632.433 138.536 Seq. Prep. Data: Mean	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Dilution: 1.0: 1.0 Date: 10/13/04 3:56:36 PM Sample
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 4g 279.077 4n 257.610 Vi 231.604 K 766.490 Se 196.026 Ag 338.289 Va 330.237 Fl 190.801 / 292.402 Ch 206.200 3 249.677 40 202.031 Ca 227.546 Va 589.592 4ean Data D: CCB Sample Qty: Slement	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4 -789.8 1287.4 204.7 241.0 279.0 3606.6 109.4 23192.4 	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 45.6069 1038.62 9.32507 442.204 984.579 3.31518 5.33762 2.77926 501.980 632.433 138.536 Seq. Prep. Data: Mean Conc.	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Dilution: 1.0: 1.0 Date: 10/13/04 3:56:36 PM Sample
Al 308.215 Sb 206.836 As 188.979 Ba 233.527 Be 313.107 Cd 226.502 Ca 430.253 Cr 205.560 Co 228.616 Cu 324.752 Fe 273.955 Pb 220.353 Mg 279.077 Mn 257.610 Vi 231.604 K 766.490 Se 196.026 Ag 338.289 Va 330.237 Fl 190.801 / 292.402 Sn 206.200 3 249.677 40 202.031 Ca 227.546 Va 589.592 Aean Data ED: CCB Sample Qty:	37074.7 1667.4 1842.3 3333.5 10947.5 19317.7 3241.4 45.3 174.9 10776.9 6494.7 6686.4 10869.1 3338.8 233.5 165705.7 1266.5 879.4 -789.8 1287.4 204.7 241.0 279.0 3606.6 109.4 23192.4 1.0000 g Mean Corr.	377.832 511.080 1007.28 24.0598 0.713757 506.452 773.618 2.90302 4.86312 1.59420 232.364 1011.18 512.760 7.06728 4.62128 45.6069 1038.62 9.32507 442.204 984.579 3.31518 5.33762 2.77926 501.980 632.433 138.536 Seq. Prep. Data: Mean	<pre>µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L</pre>	Dilution: 1.0: 1.0 Date: 10/13/04 3:56:36 PM Sample
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Method: TESTSc			Page 22		Date: 10/13/04	3:57:18 PM
ch 006 026	70 5	E 40122				
Sb 206.836	78.5	5.49133	µg/L			
As 188.979	-10.1	2.61942	µg/L			
Ba 233.527	1400.5	10.7181	µg/L			
Be 313.107		0.396792	µg/L			
Cd 226.502	-239.4	2.20674	µg/L			
Ca 430.253	2023.4	599.759	µg/L			in a start and a start of the s
Cr 205.560		1.32120	µg/L			
Co 228.616	100.2	2.50308	µg/L			
Cu 324.752	10100.6	0.0840477	µg/L			
Fe 273.955	4019.8	144.125	µg/L			
Pb 220.353	9.6	-2.23292	µg/L			
Mg 279.077	6614.0		µg/L			
Mn 257.610	1829.3	3.08532	µg/L			
Ni 231.604	167.8	2.17839	µg/L			
K 766.490		24.8926	µg/L			
Se 196.026		5.44160	µg/L			
Ag 338.289	338.2	3.45045	µg/L			
Na 330.237	-627.7	571.103	µg/L			
Tl 190.801	-29.2	6.44896	µg/L			
V 292.402	170.4	2.73690	µg/L			
Zn 206.200	127.3	1.17100	µg/L			
B 249.677	218.5	0.453743	µg/L			
Mo 202.031	26.7	3.61285	µg/L			
Ca 227.546	93.1	515.170	µg/L			
Na 589.592	16975.0	112.168	µg/L			
Mean Data		<u> </u>				
ID: 241171-002S		Seq	. No.: 50 San	nple No.: U	A/S Pos: 0	
Sample Qty:	1.0000 L	Pre	p. Vol.: 1	0 L	Dilution: Date: 10/13/04	1.0: 1.0
		Dat	A: Reprocessed		Date: 10/13/04	3:56:57 PM
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-	Mean Corr.		Calib	Mean	Sample	
	Intensity	Conc.	Units µg/L	Conc.	Units	
Y 360.073	132862.5	1.355				
	511886.6	1.164	µg/L		-	
		48022.6	µg/L	48022.6	µg/L	
Sb 206.836	56.9	-2.09547	µg/L	-2.09547	µg/L	
As 188.979	-5.5	5.18111	µg/L	5.18111	µg/L	
Ba 233.527	87463.4	604.703	µg/L	604.703	µg/L	
Be 313.107	12422.0	0.831359	µg/L	0.831359	µg/L	
Cd 226.502	-181.7	-2.24050	µg/L	-2.24050	µg/L	
Ca 430.253	188642.9	27214.5	µg/L	27214.5	µg/L	
Cr 205.560	3967.5	187.498	µg/L	187.498	µg/L	
Co 228.616	1634.6	50.9724	µq/L	50.9724	µg/L	
Cu 324.752	97376.9	194.962	µg/L	194.962	µg/L	
Fe 273.955	2381944.9	84947.7	µg/L	84947.7	µg/L	
Pb 220.353	500.3	75.2334	µg/L	75.2334	µg/L	
Mg 279.077	823408.9	39889.7	µg/L	39889.7	µg/L	
Mg 275.610	484789.3	1277.56	цул Ц\рц	1277.56	µg/L	
Ni 231.604	3886.3	140.596		140.596	μg/L	
NI 231.604 K 766.490	7393076.6	19668.4	µg/L	19668.4	µg/L µg/L	
			µg/L ug/L	19000.4		
Se 196.026	-11.2	19.7138	µg/L		µg/L	•
Ag 338.289	-1470.4	-16.1814	µg/L	-16.1814	µg/L µg/L	
Na 330.237	-1069.1	117.576	µg/L	117.576	µg/L	
Tl 190.801	-94.9	-40.7836	µg/L	-40.7836	µg/L	
V 292.402	9791.9	165.389	µg/L	165.389	µg/L	
Zn 206.200	7216.1	258.861	µg/L	258.861	µg/L	
B 249.677	204.1	-0.185201	µg/L	-0.185201	µg/L	
Mo 202.031	20.9	2.79961	µg/L	2.79961	µg/L	
Ca 227.546	3841.7	28488.3	µg/L	28488.3	µg/L	
Na 589.592	191664.1	853.019	μg/L	853.019	hd\r	
Mean Data						
ID: 241171-003S			. No.: 51 Sam	ple No.: 0	A/S Pos: 0	
Sample Qty:	1.0000 L	Pre	v. Vol.:	.0 L		1.0: 1.0
so called at the Alfer A.		Data	: Reprocessed		Date: 10/13/04	3:57:17 PM
Beaufare Cela.						
				Moon	Camala	
	Mean Corr.	Mean	Calib	Mean	Sample	
Element	Mean Corr. Intensity	Mean Conc.	Calib Units	Mean Conc.	Sample Units	
Element Y 360.073	Mean Corr. Intensity 137039.4	Mean Conc. 1.397	Calib Units µg/L		~ ~ ~	
Element Y 360.073 Sc 361.383	Mean Corr. Intensity 137039.4 511677.1	Mean Conc. 1.397 1.164	Calib Units µg/L µg/L	Conc.	Units	
Element Y 360.073	Mean Corr. Intensity 137039.4	Mean Conc. 1.397 1.164 52070.3	Calib Units µg/L		~ ~ ~	

Method:TESTSCPage 23Date: $10/13/04$ As 108.979-6.05.05663µg/L5.05663µg/LBa 233.52790478.0625.510µg/L625.510µg/LBe 313.1071233.80.786124µg/L0.786124µg/LCd 226.502-193.2-2.37356µg/L1.86124µg/LCd 226.5103992.9188.696µg/L188.696µg/LCc 238.6161493.646.5183µg/L186.696µg/LCc 238.6161493.646.5183µg/L136.998µg/LPe 273.9552315955.182593.9µg/L122.356µg/LMg 279.07787980.942626.5µg/L122.356µg/LMg 279.07787980.942626.5µg/L122.356µg/LNi 231.6043396.3122.356µg/L122.356µg/LNi 231.6043396.3122.356µg/L17.5820µg/LNi 231.6043396.3122.356µg/L17.5820µg/LNi 231.6043396.3122.356µg/L17.5820µg/LNi 233.289-1643.1-180.561µg/L169.293µg/LNg 330.237-925.5206.153µg/L1.65.51µg/LNg 240.210022.8169.293µg/L1.65.757µg/LNg 240.677211.50.107245µg/L0.107245µg/LNa 350.23118.42.45639µg/L1.65.299.324Mo 200.031 </th <th></th>	
Ba 233.527 90478.0 625.510 $\mu g/L$ 625.510 $\mu g/L$ Be 313.107 12333.8 0.786124 $\mu g/L$ 0.786124 $\mu g/L$ Cd 226.502 -193.2 -2.37356 $\mu g/L$ 37971.8 $\mu g/L$ Ca 430.253 263966.2 37971.8 $\mu g/L$ 138.696 $\mu g/L$ Ca 226.616 1493.6 46.5183 $\mu g/L$ 136.698 $\mu g/L$ Cu 324.752 71417.8 136.998 $\mu g/L$ 82593.9 $\mu g/L$ Pe 273.955 2315955.1 82593.9 $\mu g/L$ 82593.9 $\mu g/L$ Mg 279.077 879880.9 42626.5 $\mu g/L$ 122.377 $\mu g/L$ Mg 237.610 463522.9 122.137 $\mu g/L$ 122.356 $\mu g/L$ 122.356 Mg 338.289 -1643.1 -18.0561 $\mu g/L$ 12.556 $\mu g/L$ 12.356 Na 330.237 -925.5 206.153 $\mu g/L$ 206.153 $\mu g/L$ 206.153 $\mu g/L$ Na 230.237 -925.5 206.153 $\mu g/L$ 245639 $\mu g/L$ 245639 <	
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Co 228.616 1493.6 46.5183 $\mu g/L$ 136.998 $\mu g/L$ Cu 324.752 71417.8 136.998 $\mu g/L$ 136.998 $\mu g/L$ Pb 220.353 497.2 75.4541 $\mu g/L$ 75.4541 $\mu g/L$ Mg 279.077 879880.9 42626.5 $\mu g/L$ 1221.37 $\mu g/L$ Mz 57.610 463522.9 1221.37 $\mu g/L$ 1221.37 $\mu g/L$ Ni 231.604 3396.3 122.356 $\mu g/L$ 122.356 $\mu g/L$ Se 196.026 -11.9 17.5820 $\mu g/L$ 17.5820 $\mu g/L$ Ag 338.289 -1643.1 -18.0561 $\mu g/L$ 20637.0 $\mu g/L$ Ad 330.37 -925.5 206.153 $\mu g/L$ 206.153 $\mu g/L$ Al 200.00 7165.2 256.757 $\mu g/L$ 245.6577 $\mu g/L$ Al 292.402 10022.8 169.293 $\mu g/L$ 0.107245 $\mu g/L$ Mo 202.031 18.4 2.45639 $\mu g/L$ 999.324 $\mu g/L$ Na 589.592 226162.0 999.324 $\mu g/L$ 999.324	
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Mean Data Seq. No.: 52 Sample No.: 0 A/S Pos: 0 ID: 241171-004S Seq. No.: 52 Sample No.: 0 A/S Pos: 0 Sample Qty: 1.0000 L Prep. Vol.: 1.0 L Dilution: Data: Reprocessed Date: 10/13/04 Mean Corr. Mean Calib Mean Samp Element Intensity Conc. Units Conc. Unit Y 360.073 125784.1 1.283 µg/L J J Al 308.215 1126984.5 35208.0 µg/L J J J J Sb 206.836 51.7 -5.47106 µg/L J <td></td>	
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ID: 241171-004S Seq. No.: 52 Sample No.: 0 A/S Pos: 0 Sample Qty: 1.0000 L Prep. Vol.: 1.0 L Dilution: Data: Reprocessed Date: 10/13/04 Mean Corr. Mean Calib Mean Samp Element Intensity Conc. Units Conc. Unit Y 360.073 125784.1 1.283 µg/L Sc 361.383 498614.7 1.134 µg/L Al 308.215 1126984.5 35208.0 µg/L 35208.0 µg/L Sb 206.836 51.7 -5.47106 µg/L 32.0912 µg/L As 188.979 42.8 32.0912 µg/L 32.0912 µg/L Ba 233.527 72173.7 499.178 µg/L 499.178 µg/L Be 313.107 13481.9 1.35049 µg/L 1.35049 µg/L	
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Mean Corr.MeanCalibMeanSampElementIntensityConc.UnitsConc.UnitY 360.073125784.11.283µg/LSc 361.383498614.71.134µg/LAl 308.2151126984.535208.0µg/L35208.0µg/LSb 206.83651.7-5.47106µg/L-5.47106µg/LAs 188.97942.832.0912µg/L32.0912µg/LBa 233.52772173.7499.178µg/L499.178µg/LBe 313.10713481.91.35049µg/L1.35049µg/L	5.57.59 EM
Element Intensity Conc. Units Conc. Units Conc. Unit Y 360.073 125784.1 1.263 µg/L	Le
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Sc 361.383 498614.7 1.134 µg/L Al 308.215 1126984.5 35208.0 µg/L 35208.0 µg/L Sb 206.836 51.7 -5.47106 µg/L -5.47106 µg/L As 188.979 42.8 32.0912 µg/L 32.0912 µg/L Ba 233.527 72173.7 499.178 µg/L 499.178 µg/L Be 313.107 13481.9 1.35049 µg/L 1.35049 µg/L	
Sb 206.836 51.7 -5.47106 µg/L -5.47106 µg/L As 188.979 42.8 32.0912 µg/L 32.0912 µg/L Ba 233.527 72173.7 499.178 µg/L 499.178 µg/L Be 313.107 13481.9 1.35049 µg/L 1.35049 µg/L	
Sb 206.836 51.7 -5.47106 µg/L -5.47106 µg/L As 188.979 42.8 32.0912 µg/L 32.0912 µg/L Ba 233.527 72173.7 499.178 µg/L 499.178 µg/L Be 313.107 13481.9 1.35049 µg/L 1.35049 µg/L	
As 188.97942.832.0912µg/L32.0912µg/LBa 233.52772173.7499.178µg/L499.178µg/LBe 313.10713481.91.35049µg/L1.35049µg/L	
Ba 233.527 72173.7 499.178 μg/L 499.178 μg/L Be 313.107 13481.9 1.35049 μg/L 1.35049 μg/L	
Be 313.107 13481.9 1.35049 µg/L 1.35049 µg/L	
-226502 -18028 -18028 -18028 -18028 -18028	
Ca 430.253 412827.9 59255.9 µg/L 59255.9 µg/L Cr 205.560 2764.8 130.893 µg/L 130.893 µg/L	
Co 228.616 1097.6 34.0098 µg/L 34.0098 µg/L	
cu 324.752 68593.5 130.692 μg/L 130.692 μg/L	
Fe 273.955 2034814.ΰ 72568.8 μg/L 72568.8 μg/L	
Pb 220.353 1594.5 241.051 µg/L 241.051 µg/L	
Mg 279.077 743074.1 35996.6 μg/L 35996.6 μg/L	
$\frac{\mu g}{Mn} = 257.610 \qquad 333191.9 \qquad 877.375 \qquad \mu g/L \qquad 877.375 \qquad \mu g/L$	
K 766.490 4980361.9 13117.7 μg/L 13117.7 μg/L	
se 196.026 -3.0 20.8103 µg/L 20.8103 µg/L	
Ag 338.289 -1044.3 -11.5567 μg/L -11.5567 μg/L	
Na 330.237 -74.8 837.105 μg/L 837.105 μg/L	
TL 190.801 -88.8 -34.3100 µg/L -34.3100 µg/L	· · · · · · · · · · · · · · · · · · ·
V 292.402 7529.5 127.142 μg/L 127.142 μg/L	
Zn 206.200 8850.0 319.523 μg/L 319.523 μg/L	
Mo 202.031 39.0 5.32097 µg/L 5.32097 µg/L	
Ca 227.546 8445.3 61094.2 $\mu g/L$ 61094.2 $\mu g/L$	
Ca 227.5468445.361094.2µg/L61094.2µg/LNa 589.592185684.5827.660µg/L827.660µg/L	
Mean Data ID: 241197-001S Seq. No.: 53 Sample No.: 0 A/S Pos: 0	
ID: 241197-0015 Seq. No.: 53 Sample No.: 0 A/S Pos: 0	1 0, 1 0
Sample Qty: 1.0000 L Prep. Vol.: 1.0 L Dilution: Data: Reprocessed Date: 10/13/04	1.0: 1.0 3:58:00 PM
Mean Corr. Mean Calib Mean Samp	
ElementIntensityConc.UnitsConc.UnitY 360.073107649.71.098µg/L	3
Y 360.073 107649.7 1.098 µg/L	
sc 361.383 476912.4 1.085 µg/L	
Al 308.215 36993.0 375.227 µg/L 375.227 µg/L	
Sb 206.836 54.1 -2.26626 $\mu g/L$ -2.26626 $\mu g/L$	
As 188.979 -11.1 2.07805 µg/L 2.07805 µg/L	
1919-1919 Hall Frankra Mala Frankra Mala	

					Data 10/12/04	D 50 44 mm
Method: TESTSc			Page 24		Date: 10/13/04	3:58:44 PM
Ba 233.527	1403.1	10.7362	µg/L	10.7362	µg/L	
Be 313.107	9337.2	0.0879317	µg/L	0.0879317	µg/L	
Cd 226.502	-277.1	1.10479	µg/L	1.10479	µg/L	
Ca 430.253	2850.6	717.790	µg/L	717.790	µg/L	
Cr 205.560	312.4	15.4743	µg/L	15.4743	µg/L	
Co 228.616	154.6	4.22285	µg/L	4.22285	µg/L	
Cu 324.752	14773.1	10.5173	µg/L	10.5173	µg/L	
Fe 273.955	56601.0	2019.47	µg/L	2019.47	µg/L	
Pb 220.353	241.6	32.9424	µg/L	32.9424 351.253	µg/L	
Mg 279.077 Mn 257.610	7536.5 13603.3	351.253 34.1706	µg/L µg/L	34.1706	μg/L μg/L	
Ni 231.604	391.2	10.4938	µg/L µg/L	10.4938	μg/L	· · · · · · · · · · · · · · · · · · ·
K 766.490	223105.8	201.452		201.452	μg/L	
Se 196.026	0.8	4.39787	µg/L	4.39787	µg/L	
Ag 338.289	128.7	1.17590	µg/L	1.17590	µg/L	
Na 330.237		853.468	µg/L	853.468	µg/L	
Tl 190.801		-0.872282		-0.872282	µg/L	
V 292.402	210.8	3.41989	µg/L	3.41989	µg/L	
Zn 206.200	640.3	20.0244	µg/L	20.0244	µg/L	
B 249.677	185.0	-0.841326	µg/L	-0.841326	µg/L	
Mo 202.031	7.5	0.943996	µg/L	0.943996	µg/L	
Ca 227.546		638.407	µg/L	638.407	µg/L	
Na 589.592	28641.2	161.644	µg/L	161.644	µg/L	
Maria Data						
Mean Data ID: 241197-001:	s md		Seq. No.: 54 Sample N	0.: 0	A/S Pos: 0	
Sample Qty:	1.0000 L	j	Seq. No.: 54 Sample N Prep. Vol.: 1.0 L		Dilution:	1.0: 1.0
		1	Data: Reprocessed		Date: 10/13/04	3:58:22 PM
		· · · · · · · · · · · · · · · · · · ·			(awa) a	
Element	Mean Corr. Intensity	Mean Conc		Mean Conc.	Sample Units	
Y 360.073		1.094	hd/r	00110.	0111 0.5	
Sc 361.383	478724.4	1.089	hd\r hd\r			
Al 308.215		172.172		172.172	µg/L	
Sb 206.836	53.5	-2.47061	µg/L	-2.47061	µg/L	
As 188.979		-0.0422550		0.0422550	hd/T	
Ba 233.527	841.6	6.86124	µg/L	6.86124	µq/L	
Be 313.107	9095.1 -	-0.0009226		0.0009226	µg/L	
Cd 226.502	-273.2	1.26988	µg/L	1.26988	µg/L	
Ca 430.253	1734.0	558.458	µg/L	558.458	µg/L	
Cr 205.560	161.4	8.36457	µg/L	8.36457	µg/L	
Co 228.616	61.3	1.27512	µg/L	1.27512	µg/L	
Cu 324.752	11194.1	2.52580	µg/L	2.52580	µg/L	
Fe 273.955	30469.5	1087.56	µg/L	1087.56	µg/L	
Pb 220.353	231.2	31.3728	µg/L	31.3728	µg/L	
Mg 279.077	3554.6	158.286	hd\r	158.286	hd\r	
Mn 257.610	3936.0			8.64990	µg/L	
Ni 231.604		2.54227		2.54227	hd/r	
K 766.490		59.8353	µg/L	59.8353	µg/L	
Se 196.026	1.0		hd\r	4.26892	µg/L	
Ag 338.289		0.165534	1 3 .	0.165534	µg/L	
Na 330.237 Tl 190.801	-250.0	870.110 -2.02506		870.110 -2.02506	μg/L μg/L	
V 292.402	-40.6 101 1	-2.02000	μg/L μg/L	1.56422	μg/L μg/L	
Zn 206.200	т (т т)	20 8064	на\т Т	20.8064	µg/L	
	6.6.1 0	2.0.0004	µg/L	20.0004		
P. 744 N.77	661.2 162.6	-1 70101	ner/T	-1 70101	nrr/T	
B 249.677		-1.70101 0 432467	µg/L µg/I	-1.70101		
Mo 202.031	661.2 162.6 3.9 80 3	-1.70101 0.432467 438 931	μg/L μg/L ug/L	0.432467	µg/L	
Mo 202.031 Ca 227.546	3.9 80.3	0.432467 438.931	µg/L ug/L	0.432467 438.931	µg/L µg/L	
Mo 202.031 Ca 227.546 Na 589.592	3.9 80.3 26627.2	$\begin{array}{c} 0.432467 \\ 438.931 \\ 153.103 \end{array}$	μg/L μg/L μg/L	0.432467 438.931 153.103	μg/L μg/L μg/L	
Mo 202.031 Ca 227.546 Na 589.592 Mean Data	3.9 80.3 26627.2	0.432467 438.931 153.103	μg/L μg/L μg/L	0.432467 438.931 153.103	µg/L µg/L µg/L	
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241197-0015	3.9 80.3 26627.2	0.432467 438.931 153.103	μg/L μg/L μg/L	0.432467 438.931 153.103	µg/L µg/L µg/L	
Mo 202.031 Ca 227.546 Na 589.592 Mean Data	3.9 80.3 26627.2	0.432467 438.931 153.103	μg/L μg/L μg/L	0.432467 438.931 153.103	µg/L µg/L µg/L	1.0: 1.0
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241197-0015	3.9 80.3 26627.2	0.432467 438.931 153.103	μg/L μg/L μg/L	0.432467 438.931 153.103	µg/L µg/L µg/L	1.0: 1.0 3:58:44 PM
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241197-0015 Sample Qty:	3.9 80.3 26627.2 5 MS 1.0000 L	0.432467 438.931 153.103 	μg/L μg/L μg/L μg/L Seq. No.: 55 Sample N Prep. Vol.: 1.0 L Data: Reprocessed	0.432467 438.931 153.103 o.: 0	µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample	1.0: 1.0 3:58:44 PM
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241197-0015 Sample Qty:	3.9 80.3 26627.2 5 MS 1.0000 L Mean Corr.	0.432467 438.931 153.103 	μg/L μg/L μg/L Prep. Vol.: 55 Sample N Prep. Vol.: 1.0 L Pata: Reprocessed Calib	0.432467 438.931 153.103 o.: 0	µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample	1.0: 1.0 3:58:44 PM
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241197-0015 Sample Qty:	3.9 80.3 26627.2 5 MS 1.0000 L Mean Corr.	0.432467 438.931 153.103 	μg/L μg/L μg/L Prep. Vol.: 55 Sample N Prep. Vol.: 1.0 L Pata: Reprocessed Calib	0.432467 438.931 153.103 o.: 0	µg/L µg/L µg/L	1.0: 1.0 3:58:44 PM
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241197-0015 Sample Qty: Element Y 360.073	3.9 80.3 26627.2 5 MS 1.0000 L Mean Corr. Intensity 109116.9	0.432467 438.931 153.103 	μg/L μg/L μg/L Prep. Vol.: 55 Sample N Prep. Vol.: 1.0 L Data: Reprocessed Calib Units μg/L	0.432467 438.931 153.103 o.: 0 Mean Conc.	µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample	1.0: 1.0 3:58:44 PM
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241197-0015 Sample Qty: Element Y 360.073 Sc 361.383	3.9 80.3 26627.2 5 MS 1.0000 L Mean Corr. Intensity 109116.9 489258.6 85060.5	0.432467 438.931 153.103 	μg/L μg/L μg/L Seq. No.: 55 Sample N Prep. Vol.: 1.0 L Data: Reprocessed Calib Units μg/L μg/L μg/L	0.432467 438.931 153.103 o.: 0 Mean Conc. 1903.08	µg/L µg/L µg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample	1.0: 1.0 3:58:44 PM
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241197-0015 Sample Qty: Element Y 360.073 Sc 361.383	3.9 80.3 26627.2 5 MS 1.0000 L Mean Corr. Intensity 109116.9 489258.6 85060.5 41.2	0.432467 438.931 153.103 	μg/L μg/L μg/L Seq. No.: 55 Sample N Prep. Vol.: 1.0 L Data: Reprocessed Calib Units μg/L μg/L μg/L	0.432467 438.931 153.103 o.: 0 Mean Conc.	µg/L µg/L µg/L Dilution: Date: 10/13/04 Sample Units	1.0: 1.0 3:58:44 PM
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241197-0015 Sample Qty: Element Y 350.073 Sc 361.383 Al 308.215	3.9 80.3 26627.2 5 MS 1.0000 L Mean Corr. Intensity 109116.9 489258.6 85060.5 41.2	0.432467 438.931 153.103 	μg/L μg/L μg/L Seq. No.: 55 Sample N Prep. Vol.: 1.0 L Data: Reprocessed Calib Units μg/L μg/L μg/L μg/L	0.432467 438.931 153.103 o.: 0 Mean Conc. 1903.08	μg/L μg/L μg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units μg/L	1.0: 1.0 3:58:44 PM
Mo 202.031 Ca 227.546 Na 589.592 Mean Data ID: 241197-0015 Sample Qty: Element Y 360.073 Sc 361.383 Al 308.215 Sb 206.836	3.9 80.3 26627.2 5 MS 1.0000 L Mean Corr. Intensity 109116.9 489258.6 85060.5 41.2 -16.2	0.432467 438.931 153.103 I I I Mean Conc. 1.113 1.113 1.903.08 -4.70008	μg/L μg/L μg/L Seq. No.: 55 Sample N Prep. Vol.: 1.0 L Data: Reprocessed Calib Units μg/L μg/L μg/L μg/L	0.432467 438.931 153.103 o.: 0 Mean Conc. 1903.08 -4.70008	μg/L μg/L μg/L A/S Pos: 0 Dilution: Date: 10/13/04 Sample Units μg/L μg/L	1.0: 1.0 3:58:44 PM

Method: TESTSc			Page 25		Date: 10/13/04	3:59:28 PM
Be 313.107	120245.4	41.9508	µg/L	41.9508	hd/T	
Cd 226.502	-264.0	1.38350	µg/1 µg/L	1.38350	µg/I	
Ca 430.253	1907.8	581.577	µg/L	581.577	µq/L	
Cr 205.560	4219.7		µg/L	199.369	µq/L	
Co 228.616	14534.3	458.440	µg/L	458.440	µg/L	
Cu 324.752	112993.9	229.833	µg/L	229.833	µg/L	
Fe 273.955	80476.8	2847.89	µg/L	2847.89	µg/L	
Pb 220.353	258.6	35.5743	ug/L	35.5743	µg/L	
Mg 279.077	3398.2	150.706	µg/L	150.706	µg/L	
Mn 257.610	186414.1	490.433	µg/L	490.433	µg/L	
Ni 231.604	12853.4	474.448	µg/L	474.448	µg/L	
K 766.490	185109.9	98.2906	µg/L	98.2906	µg/L	
Se 196.026	5.0	8.28844	µg/L	8.28844	µg/L	
Ag 338.289	2124.6	22.8408	µg/L	22.8408	µg/L	
Na 330.237	198.1	1210.46	µg/L	1210.46	µg/L	
Tl 190.801	-61.1	-17.8201	µg/L	-17.8201	µg/L	
V 292.402	25935.6	438.300	µg/L	438.300	µg/L	
Zn 206.200	12548.1	457.797	ug/L	438.300	µg/L	
B 249.677	21896.2	835.043	μg/L μg/L μg/L	835 ()43	µg/L	
Mo 202.031	6095.6	848.487	µg/L	848.487	µg/L	
Ca 227.546	93.7	498.176	µg/L	498.176	µg/L	
Na 589.592	32485.3	177.947	µg/L	498.176 177.947	µg/L	
Mean Data		·	a No • 56	nle No · Ü	λ/S Doc · ()	
ID: 241197-0015	MSE 1 0000 T	ວe ກະ	q. NO.: 56 Sam	рте мо.: О	A/S POS: 0	1 0. 1 0
sampre Qry:	1.0000 L	EL Da	ta: Reprocessed	.0 т	Difución. Date: 10/13/04	3:59:06 PM
					A/S Pos: 0 Dilution: Date: 10/13/04	
	Mean Corr.	Mean	Calib	Mean	Sample	
Element	Intensity	Conc. 1.114	Units	Conc.	Units	
Y 360.073	109272.9	1.114	µg/L			
Sc 361.383	486891.6	1.107	Units µg/L µg/L µg/L			
Al 308.215	38332.1	418.046	µg/L	418.046		
Sb 206.836	350.1	91.9258	µg/L	91.9258	µg/L	
As 188.979	58.0	39.5968	µg/L	39.5968	µg/L	
Ba 233.527	5682.1	40.2693	µg/L	40.2693	µg/L	
Be 313.107	9551.4	0.168689	µg/L	0.168689	µg/L	
Cd 226.502	1566.1	48.5096	µg/L	48.5096	µg/L	
Ca 430.253	1644.5	545.433	µg/L	545.433	µg/L	
Cr 205.560	599.1	28.9648	µg/L	28.9648	µg/L	
Co 228.616	2188.8	68.4782	µg/L	68.4782	µg/L	
Cu 324.752	37592.3	61.4699	μg/L	61.4699	µg/L	
Fe 273.955	104588.4	3730.97	µg/L	3730.97	µg/L	
Pb 220.353	734.7	107.682	µg/L	107.682	µg/L	
Mg 279.077	3095.2	136.022	µg/L	136.022	µg/L	
Mn 257.610	154862.4	407.130	µg/L	407.130	µg/L	
Ni 231.604	1290.8		µg/L	43.9895	µg/L	
K 766.490	180862.0	86.7572	µg/L	86.7572	µg/L	
Se 196.026	10.7	12.8626	µg/L	12.8626	µg/L	
Ag 338.289	268.9	2.69825	µg/L	2.69825	µg/L	
Na 330.237	-191.7	904.438	hd/r hd/r hd/r	904.438	µg/L	
Tl 190.801	268.9 -191.7 13.5	38.0456	$\mu q / \mu$	38.0456	µg/L	
V 292.402	261.9	4.28227 38.1515	μg/L μg/L	4.28227	µg/L	
Zn 206.200	1133.2	38.1515	µg/L	38.1515	hd/r	
B 249.677	427.4	8.38961	µg/L	8.38961	µg/L	
Mo 202.031	53.6	7.34977	hd\r	7.34977	µg/L	
Ca 227.546	77.6	449.713	μg/L μg/L μg/L	449.713	µg/L	
Na 589.592	31159.9	8.38961 7.34977 449.713 172.326	µg/L	172.326	µg/L	
Mean Data						
ID: 241197-001S	SD	Se	q. No.: 57 Sam	ole No.: 0	A/S Pos: 0	
Sample Otv:	1.0000 L	Pr	ep. Vol.:	.0 L	Dilution: 1	.0: 1.0
• • • ·	· · ·	Da	ta: Reprocessed		A/S Pos: 0 Dilution: 1 Date: 10/13/04	3:59:28 PM
Element Y 360.073 Sc 361.383	Mean Corr.	Mean	Con 1 - la	Moon	Sample Units	
Element	Intensity	Conc.	Units µg/L µg/L	Conc.	Units	
Y 360.073	108536.5	L.107	μg/L			
Sc 361.383	482894.2	L.098	µg/L			•
Al 308.215	25979.6	23.2516	ncr/T.	20.2010	hd/r	
Sb 206.836	52.9	-2.63577	hd\r	-2.63577	µg/L	
	-13.8	0.620665	ng/T	0.620665	µg/L	
As 188.979	-10.0	0.620665	hd\r		μ9/1	
As 188.979 Ba 233.527	390.2	3.74571	hd\r hd\r		µg/L	
	-13.8 390.2 9115.5	3.74571 0.0085599				

1. A.

Method: TESTSc	·····		Page 26		Date: 10/13/04	4:00:14 PM
Cd 226.502	-272.1	1.3491:	3 µg/L	1.34913	µg/L	
Ca 430.253	602.8	396.99		396.997	µg/L	
Cr 205.560	57.1	3.45912		3.45912	µg/L	
Co 228.616	62.1	1.29999		1.29999	µg/L	
Cu 324.752	10479.0	0.92901		0.929017	µg/L	
Fe 273.955	10596.2	378.774		378.774	µg/L	
Pb 220.353	56.5	4.84573		4.84573	µg/L	
Mg 279.077	1544.6 3433.7 158.1 163008.7 -1.1	60.8798	β μg/L	60.8798 7.32521	μg/L μg/L	
Mn 257.610 Ni 231.604	3433.7	1.3232.	L μg/L 3 μg/L	1.81743	μg/I μg/I	
K 766.490	163008 7	38 2844	μg/L μg/L	38.2844	µg/L	
Se 196.026	-1.1	2.33110) µg/L	2.33110	uq/L	
Ag 338.289	70.9	0.548886	5 µq/L	0.548886	µg/L	
Na 330.237	-400.5	751.33	/ µg/L	751.337	µg/L	
Tl 190.801	-35.4	1.84145	β μg/L	1.84145	µg/L	
V 292.402	68.7	1.01703		1.01703	µg/L	
Zn 206.200	221.2	4.6365		4.63657	hd/r	
	232.4	0.991479		0.991479	µg/L	
Mo 202.031	10.4 62.1	1.33628	, μα/μ	1.33628 298.360	µg/L	
Ca 227.546 Na 589.592	25497.3	298.360) μg/L L μg/L	148.311	μg/L μg/L	
						на на селото на селот На селото на
Mean Data	·		Seq. No.: 58 Sam			
ID: 241197-002S			Seq. No.: 58 Sam	nple No.: 0	A/S Pos: 0	
Sample Qty:	1.0000 L		Prep. Vol.:	L.O L	Dilution:	1.0: 1.0
	· · · · · · · · · · · · · · · · · · ·		Prep. Vol.: I Data: Reprocessed		Date: 10/13/04	3:39:51 PM
	Mean Corr.	Mear	Calib	Mean	Sample	
Element	Mean Corr. Intensity	Cond	units.	Conc.	Units	
Y 360.073	108255.0 486111.5	1.104	μg/L			
Sc 361.383	486111.5	1.100	β μg/L			
Al 308.215			β μg/L	58.7893	hg/L	
Sb 206.836	54.5	-2.14473	μg/L	-2.14471	µg/L	
As 188.979	-14.9 1648.2	0.0043081		0.0043081	µg/L	
Ba 233.527 Be 313.107	8998.9	12.4279		12.4279	μg/L μg/L	
Cd 226.502	-269.2	1.38602	μg/L 2 μg/L		μg/L	
Ca 430.253	1397.4	510.482		510.482	µg/L	
Cr 205.560	174.3	8.97481	. ug/L	8.97481	µg/L	
Co 228.616	127.4	3.36164	μg/L μg/L	3.36164	µg/L	
Cu 324.752	23630.7	30.2952	μq/L	30.2952	µg/L	
Fe 273.955	25085.9	895.575	μα\Γ	895.575	µg/L	
Pb 220.353	201.0	26.7681		26.7681	µg/L	• · · · · ·
Mg 279.077	1609.7	64.0310	1 3	64.0310	µg/L	
Mn 257.610	_ 11735.8	29.2446	1.21	29.2446	µg/L	
Ni 231.604	179.6		1 2	2.61700	µg/L	
K 766.490	164309.3 0.9	41.8156		41.8156 4.04914	µg/L µg/T	
Se 196.026 Ag 338.289	69.6	4.04914		0.534601	μg/L μg/L	
Na 330.237	-150.7	948.204	1 9	948.204	μg/L μg/L	
Tl 190.801	-39.2	-1.00410	1 5	-1.00410	µg/L	
V 292.402	63.8	0.934422		0.934422	μg/L	
Zn 206.200	932.6	30.7933		30.7933	µg/L	
B 249.677	211.2	0.167811		0.167811	hd/r	
Mo 202.031	7.3	0.904686		0.904686	μg/L	
Ca 227.546	75.9	403.925		403.925	µg/L	
Na 589.592	35202.0	189.471	μg/L	189.471	µg/L	
Mean Data						
ID: 241197-003S			Seq. No.: 59 Sam	nple No.: U	A/S Pos: Ú	
Sample Qty:			Seq. No.: 59 Sam Prep. Vol.: 1	.0 L	Dilution:	
		•	Data: Reprocessed		Date: 10/13/04	4:00:13 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
Element.	Intensity	Conc	Units	Conc.	Units	•
Y 360.073	102654.6	1.047	μg/L		0112.00	
Sc 361.383	461124.7	1.049	ug/L			
Al 308.215	136608.5	3498.12	µg/L	3498.12	µg/L	
Sb 206.836	82.2	-11.9741	µg/L	-11.9741	μg/L	
As 188.979	-29.5	-0.593552		-0.593552	µg/L	
Ba 233.527	13718.5	95.7342		95.7342	hd/r	
Be 313.107	9322.8	0.0753308		0.0753308	hd/r	
Cd 226.502	-257.7	1.33609	µg/L	1.33609	µg/L	

an a						
Method: TESTS	C		Page	27	Date: 10/13/04	4:01:00 PM
Ca 430.253	2614771.4	373874	µg/I	373874	µg/L	
Cr 205.560	15540.5	732.177	μg/L	732.177		
Co 228.616	209.4	5.95254			µg∕L	
Cu 324.752		5.22512				
Fe 273.955	163631.8	5836.76	· · · · · · · · · · · · · · · · · · ·			
Pb 220.353 Mg 279.077	27171.6 387349.3	4128.02				
Mn 257.610		84.2129	1.5			
Ni 231.604	120.7	0.424166				
K 766.490	343467.8	528.243				
Se 196.026	12.1	-7.41665				
Ag 338.289 Na 330.237	707.3 20978.7	7.45641 16749.1			μg/L μg/L	
Na 330.237 Tl 190.801	-71.4	-2.52221			μg/L μg/L	
V 292.402		5.90493	1.01		µg/L	
Zn 206.200	216577.5	7958.90	μg/L			
B 249.677	7166.0	7958.90 268.174	µg/L			
Mo 202.031	46.1	6.31569 378324	µg/L			
Ca 227.546					µg/L	
Na 589.592	107014.6	494.023	µg/L	494.023	µg/L	
Mean Data						
ID: CCVM03AGC			Seq. No.: 60	Sample No.: 11 1.0 L	A/S Pos: 0	
Sample Qty:	1.0000 g		Prep. Vol.:	1.0 L	Dilution:	
			Data: Reprocessed		Date: 10/13/04	4:00:36 PM
	Mean Corr.	Mean	Cali			
Element	Intensity	Conc		s Conc		
Y 360.073		1.098				
SC 361.383	476751.9	1.084				
Al 308.215 Sb 206.836	25832.1 46.6	18.5628				
As 188.979		0.117844	μg/L μg/L			
Ba 233.527		1.24453				
Be 313.107	9305.6	0.100637				
Cd 226.502		1.02379	µg/L			
Ca 430.253	5045.9	1031.78	µg/L			
Cr 205.560 Co 228.616	28.8 -53.8	2.12656				
Cu 324.752		299.501	µg/L µg/L			
Fe 273.955	1311.6	47.9684	µg/⊥ µg/L			
Pb 220.353	51.9	4.12387	µg/L			
Mg 279.077	1748.5	70.7584	µg/L			
Mn 257.610 Ni 231.604	888.3	0.604592				
K 766.490	75.0 153906.8	-1.27754 13.5721	μg/L μg/L			
Se 196.026		1.71400	μg/L μg/L			
Ag 338.289	27492.4		μg/L			
Na 330.237		718.772	µg/L			
Tl 190.801	361.5	296.731	µg/L			
V 292.402	-315.6	-5.47947	µg/L			
Zn 206.200 B 249.677		16.9400 1032.15	μg/L μg/L			
Mo 202.031		1014.23				
Ca 227.546	148.3	907.541	μg/L			
Na 589.592	24561.6	907.541 144.343	µg/L			
Mean Data						· · · · · · · · · · · · · · · · · · ·
ID: CCVM03IRC				Sample No.: 12	A/S Pos: 0	
	1.0000 m		Pren Vol	- 1 O T		L.O: 1.0
			Data: Reprocessed			
	Mean Corr.	Mean	Calil	o Mean	Sample	
Element	Intensity				÷	
Y 360.073	101922.9	1.039				
Sc 361.383		1.047				
Al 308.215		9998.18	µg/L			
Sb 206.836		538.595	µg/L			
As 188.979 Ba 233.527	-18.8 1540297.6	-5.21146	µg/L µg/I			
Be 313.107	662148.6	10631.8 246.375	μg/L μg/L		000	
Cd 226.502	-246.8	1.67865	μg/L		000153	
Ca 430.253	173762.7	25126.1	μg/L			

Method: TEST	ľSc		Page 28		Date: 10/13/04 4:01:47 PM
Cr 205.560	21997.7	1036.08	µg/L		
Co 228.616	80203.9				
Cu 324.752	569850.9				
		4993.03			
Fe 273.955	43.7	3.86761			
	43.7 524198.0		12		
Mg 279.077 Mn 257.610	955381.9	2520.27			
	69509.6	2583.70			
	10661106.7	28541.3			
C 106 026	1 3	5.89771			
Je 190.020	1.3 69832.4 20178 6	757.788			
Na 330.237	29178.6	24035.5			
Tl 190.801	-28.3	5.44896			
V 292.402	154169.1	2606.10			
Z92.402 Zn 206.200		2521.48		.* · · ·	
B 249.677	171 0	E 00017	n or /T		
	3609.5	5.9091/ 500 200	µg/L		
Mo 202.031	3609.3	302.300	µg/L		
Ca 227.546 Na 589.592	3563.7 7183639.4	30505.8	µg/L		
Mean Data ID: CCVM02IS	BCCV1		Seq. No.: 62 Sample No.	: 13	A/S Pos: 0
Sample Qty:	1.0000 g		Prep. Vol.: 1.0 L		A/S Pos: 0 Dilution: 1.0: 1. Date: 10/13/04 4:01:23 PM
7) emant	Mean Corr.	Mean	Calib Units	Mean Conc.	Sample Units
srement	Intensity 108334.1	CONC 1 10E	. Units µg/L	conc.	UILLS
1 360.073	108334.1	1.105	рд/П		
SC 361.383	484296.4	10 7.701	µg/L		
1 308.215	25683.9	13.7172	µg∕L		
b 206.836		513.718			
As 188.979		1009.85	1 9		
3a 233.527		25.9120	1 5		
3e 313.107	10598.6	0.577957			
cd 226.502		503.967			
Ca 430.253	1993.1	595.634			
Cr 205.560	57.7				
Co 228.616		5.33847	1 2		
Cu 324.752		1.42469	. 5		
Fe 273.955	1133.4	41.1387			
Pb 220.353	6657.4	1006.74	µg/L		
4g 279.077	2121.2				
4n 257.610	3180.3	6.65574	µg/L		
Ni 231.604	241.0	4.90071	µg/L		
766.490	166170.1	46.8678	hd\T		
Se 196.026	1270.3	1041.72	µg/L		
Ag 338.289	799.1	8.45285	µg/L		
Va 330.237	-800.6	434.062	1 21		
1 190.801	1278.4	977.912	µg/L		
/ 292.402	210.6	3.41617	µg/L		
n 206.200	377.5	10.3823	μg/L		
249.677	298.2	3.51896			
10 202.031	3598.2	500.819	µg/L		
la 227.546	82.2	435.886		-	
la 589.592	25313.8	147.533	µg/L		
fean Data D: CCB			Seq. No.: 63 Sample No.	14	A/S Post ()
	1.0000 g		Prep. Vol.: 1.0 L Data: Reprocessed		Dilution: 1.0: 1.0 Date: 10/13/04 4:01:46 PM
	Mean Corr.	Mean	Calib	Mean	Sample
lement	Intensity	Conc		Conc.	Units
360.073	106858.3	1.090			$\label{eq:product} \mathcal{L}_{\mathrm{eq}} = \left\{ \begin{array}{c} \mathcal{L}_{\mathrm{eq}} = \mathcal{L}_{\mathrm{eq}} \\ \mathcal{L}_{e$
c 361.383	472192.3	1.074	µg/L	•	
1 308.215	24977.5	-8.83433	µg/L		
b 206.836	78.9	5.61167			
	-12.3	1.42284	µg/L		
s 188.979			µg/L		
	1424.3	10.0026			
As 188.979 Ba 233.527 Be 313.107		10.8828			
Ba 233.527 Be 313.107	9892.2	0.305438	hd/r		
3a 233.527 -			µg/L		000154

Method: TESTSc			Page 2	9	Date: 10/13/04	4:02:34 PM
Co 228.616	100.3	2.50614	µg/L			
Cu 324.752		-0.0903299	µg/L µg/L			
Fe 273.955	680.9	25.0361	µg/L			
Pb 220.353	29.0	0.683911	µg/L			
Mg 279.077	1246.9	46.4498	µg/L			
Mn 257.610	1659.1	2.64009	µg/L			
Ni 231.604 K 766.490	164.3 160698.0	2.04548 32.0106	µg/L ug/I			
Se 196.026	100098.0	3.34185	μg/L μg/L			
Aq 338.289	263.6	2.63999	μg/L			
Na 330.237	-642.8	559.429	µg/L			
Tl 190.801	-35.8	1.55879	µg/L			
V 292.402	170.5	2.73731	µg/L			
Zn 206.200	201.4 229.9	3.91186 0.893333	μg/L μg/L			
B 249.677 Mo 202.031	229.9	3.95828	μg/L			
Ca 227.546	75.7		μg/L			
Na 589.592	16334.8	109.453	µg/L			
Mean Data				ample No : 0	A/S Pos: 0	
ID: 241225-010S Sample Qty:		Ĩ	Seq. No.: 64 Sa Prep. Vol.:	ample No.: 0 1.0 L		0: 1.0
pampre 203.	1.00000 1		Data: Reprocessed	±	Date: 10/13/04	
	Mean Corr.	Mean		Mean	Sample	
	Intensity	Conc		Conc.	Units	
Y 360.073	131117.9	1.337	µg/L			
Sc 361.383 Al 308.215	499300.8 1270662.5	1.136	μg/L μg/L	39807.2	µg/L	
AL 308.215 Sb 206.836	67.3	0.591578	μg/L	0.591578	µg/L µg/L	
As 188.979	7.7	12.7180	μg/L	12.7180	µg/L	
Ba 233.527	35465.2	245.825	µg/L	245.825	µg/L	
Be 313.107	13864.6	1.70517	µg/L	1.70517	µg/L	
Cd 226.502	-217.4	-2.74696	µg/L	-2.74696	µg/L	
Ca 430.253	217742.5	31380.0	hā\r	31380.0	µg/L	
Cr 205.560	959.3	45.9182	µg/L	45.9182	µg/L ug/L	
Co 228.616 Cu 324.752	1008.2 42474.2	31.1848	μg/L μg/L	31.1848 72.3705	μg/L μg/L	
Fe 273.955	2215319.0	79010.7	µg/L µg/L	79010.7	µg/L	
Pb 220.353	1279.0	192.753	µg/L	192.753	µg/L	
Mg 279.077	275061.3	13315.9	µg/L	13315.9	µg/L	
Mn 257.610	698235.9	1841.54	hd/r	1841.54	µg/L	
Ni 231.604	1692.2	58.9232	μg/L	58.9232	hd\T	$(x_1, \dots, x_n) \in \mathbb{R}^n$
K 766.490	1083792.3	2538.27	µg/L	2538.27	µg/L	
Se 196.026 Ag 338.289	-12.2 195.0	16.1477	μg/L μg/L	16.1477 1.89586	μg/L μg/L	
Na 330.237	740.3	1523.10	μg/L μg/L	1523.10	µg/L	
Tl 190.801	-43.3	-2.17677	µg/L	-2.17677	µg/L	
V 292.402	3190.6	53.7938	µg/L	53.7938	µg/L	
Zn 206.200	6735.0	242.270	µg/L	242.270	µg/L	
B 249.677	261.2	2.05061	µg/L	2.05061	hd/r	
Mo 202.031	13.2	1.72669	µg/L	1.72669	µg/L	
Ca 227.546	4464.2 51459.5	32835.1	µg/L	32835.1 258.416	µg/L	
			µg/L		µg/L	
Mean Data ID: 241197-001S	PDS		Seq. No.: 65 Sa	ample No.: 0	A/S Pos: 0	
Sample Qty:	1.0000 L	E I	Prep. Vol.: Data: Reprocessed	1.0 L	A/S Pos: 0 Dilution: 1 Date: 10/13/04	.0: 1.0 4:02:34 PM
	Mean Corr.		Colib	Mean	Sample	
Element	Intensity			Conc.	Units	
¥ 360.073	106217.2		μg/L		OTITOD	
Sc 361.383	473358.5	1.077				
Al 308.215	33384.9	259.899	hd/r	259.899	hd/T	
Sb 206.836	63.8	0.813123	µg/L	0.813123	μg/L	
As 188.979	-13.0	1.05034	µg/L	1.05034	µg/L	
Ba 233.527	1540.1	11.6820	µg/L	11.6820	µg/L	
Be 313.107	9664.3	0.214663	µg/L	0.214663	µg/L µg/T	
Cd 226.502	-271.3 2028.3	1.27016 600.419	μg/L μg/L -	1.27016 600.419	μg/L μg/L	
Ca 430.253 Cr 205.560	301.7	14.9707	hd\r hd\r	14.9707	րց/ը հշ	
Co 228.616	171.1	4.74305	µg/L µg/L	4.74305	μg/L	
			<u>ت</u> رو مر			
					000155	

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Cu 324.752	14633.0	10.2043	μg/L	10.2043	µg/L	
Fe 273.955	50207.0	1791 42		1791.42	μg/L μg/L	
		88.8905	μg/L μg/L	88 8905	µg/L	
Pb 220.353 Mg 279.077	3568.1	158.938	ng/T	158.938	µg/L	
Mn 257.610	13222.9	33.1693	μg/L μg/L μg/L μg/L	33.1693	µg/L	
	391.8	10.5150	µg/L	33.1693 10.5150	µg/L	
K 766.490	209728.2	165.131		165.131	µg/L	
Se 196.026		22.9023	µg/L	22.9023	µg/L	
Ag 338.289 Na 330.237		1.69500 895.883	μg/L ·μg/L	1.69500 895.883	μg/L μg/L	
T1 190.801					µg/L µg/L	
V 292.402	217.8	3.53831	ug/L	3.53831	µg/L	
Zn 206.200	-39.6 217.8 677.2 214.1	21.3926	µg/L µg/L µg/L µg/L µg/L	3.53831 21.3926	ug/L	
B 249.677	214.1	0.279137 2.00771	· μg/L	0.279137	µg/L µg/L	
Mo 202.031	1.7.6	2.00//1	µg/L	2.00771	µg/L	
Ca 227.546	86.1		µg/L µg/L	490.154	µg/L	•
Na 589.592		175.510	µд/Г	1/5.510	µg/L	
Mean Data			No.: 66 Sample . Vol.: 1.0 : Reprocessed			
1D: 241274-005	1 0000 -	Seq.	No.: 66 Sample	No.: 0	A/S Pos: 0	1 0. 1 2
Sample Qty:	1.0000 L	Prep	. VOL.: 1.0 : Beprocessed		Dilution: Date: 10/13/04	1.U: 1.U 4.02.58 PM
	Mean Corr.	Mean	Calib	Mean	Sample Units	
Element	Intensity	Conc.	Units	Conc.	Units	
Element Y 360.073 Sc 361.383	424368.0 526502 2	4.327	μg/L μg/L			
Al 308.215	3363166 4	106691	hd\r hd\r	106691	Jrd/T	
Sb 206.836	3363166.4 57.4	-3.54130	μg/L	-3.54130	µg/L µg/L	
As 188.979	86.2	55.9168	μg/L μg/L	55.9168	µg/L	
Ba 233.527	51106.4	55.9168 353.777	µg/L	353.777	µg/L	
Be 313.107	27416.0	6.46188	ud/L	6.46188	µg/L	
Cd 226.502	-132.6		µg/L	-9.81957	µg/L	
Ca 430.253	452018.6	64784.5	µg/L µg/L µg/L	64784.5	hd/r	
Cr 205.560	2716.9 3930.5	128.639		T70.002	hd\r hd\r	
Co 228.616	3930.5	123.492	µg/L µg/L		µg/L	
Cu 324.752 Fe 273.955	5924413 7	211292	µg/L µg/L	211292	μg/L μg/L	
Pb 220.353	863.9	132.390		132.390	μg/L	
Pb 220.353 Mg 279.077	629969.8	30515.4	μg/L μg/L	30515.4	µg/L	
Mn 257.610	4088930.8 5824.8	10793.5	µg/L	10793.5	µg/L	
Ni 231.604	5824.8	212.762	µg/L	212.762	hd/r	
K 766.490	7919908.6	21098.8	hā\r	21098.8	hd/r	
Se 196.026	-36.6	32.3239	hd/r	32.3239	µg/L	
Ag 338.289	-186.1		µg/L	-2.24062	µg/L	
Na 330.237	5456.4	4907.76	µg/L	4907.76	µg/L	
Tl 190.801 V 292.402	-54.6 13881.5	-8.69691 234.524	µg/L	-8.69691 234.524	µg/L	
Zn 206.200	17071.5	619.339	μg/L μg/L	619.339	μg/L μg/L	
B 249.677	2200.4	76.6196	μg/L	76.6196	µg/Ц µg/L	
Mo 202.031	-13.7	-2.01790	µg/L	-2.01790	μg/L	
Ca 227.546	9136.7	68098.6	µg/L	68098.6	µg/L	
Na 589.592	1399933.9	5977.26	µg/L	5977.26	µg/L	
Mean Data						
ID: 241274-007		Seq.	No.: 67 Sample	No.: 0	A/S Pos: 0	
Sample Qty:	1.0000 L		. Vol.: 1.0 : Reprocessed	L		1.0: 1.0 4:03:23 PM
	Mean Corr.	Mean	Calib	Mean Conc.	Sample	
Element V 260 072	Intensity		Units	Conc.	Units	
Y 360.073 Sc 361.383	512894.5 528695.5	5.230 1.202	μg/L μg/L			
Al 308.215	2977749.4	94372.8	μg/L μg/L	94372.8	µg/L	
Sb 206.836	54.1	-4.41131	μg/L	-4.41131	µg/L	
As 188.979	69.9	46.9063	µg/L	46.9063	μg/L	
Ba 233.527	52573.1	363.899	µg/L	363.899	µg/L	
Be 313.107	25034.7	5.69271	µg/L	5.69271	µg/L	
Cd 226.502	-169.9	-6.98479	µg/L	-6.98479	µg/L	
Ca 430.253	396306.5	56837.2	µg/L	56837.2	µg/L	
Cr 205.560	1917.1	90.9977	µg/L	90.9977	µg/L	
Co 228.616	2513.7	78.7398	µg/L	78.7398	hd/r	
Cu 324.752	115119.2	234.578	µg/L	234.578	µg/L	
					AAAA-	
					000150)
		1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	•			

ethod: TESTSc			Page 31		Date: 10/13/04	4:04:12 PM
e 273.955		157070	µg/L	157070	µg/L	
b 220.353	562.5	87.1686	µg/L	87.1686	µg/L	
	460647.8	22309.8	µg/L	22309.8	µg/L	
n 257.610 i 231.604	2747607.5 3881.5	140.422	μg/L μg/L	7252.19 140.422	µg/L µg/L	
		16903.5	µg/L	16903.5	μg/L	
e 196.026		27.5543	µg/L	27.5543	µg/L	
g 338.289	36.8	0.178823	µg/L	0.178823	µg/L	
a 330.237		5744.57	µg/L	5744.57	µg/L	
1 190.801 292.402	-56.4 10597.7	-10.4362 179.011	μg/L μg/L	-10.4362 179.011	μg/L μg/L	
292.402 n 206.200		425.526	μg/L	425.526	μq/L	
249.677	2024.8		μg/L	69.9312	µg/L	
> 202.031		-0.456617	µg/L	-0.456617	µg/L	
a 227.546	8024.2	59363.1	µg/L	59363.1	µg/L	
a 589.592	1714990.4	7313.40	µg/L	7313.40	µg/L	
an Data 2 241274-010			No.: 68 Sampl		A/S Pos. 0	
ample Qty: 1	.0000 L	Prep.	Vol.: 1.0	L	Dilution:	1.0: 1.0
		Data:	Reprocessed		Date: 10/13/04	4:03:47 PM
	ean Corr.	Mean	Calib	Mean	Sample	
ement	Intensity	Conc.	Units	Conc.	Units	
	189808.0		µg/L			
: 361.383 L 308.215	469805.4 225125.8	6375.59	μg/L [*] μg/L	6375.59	µg/L	
206.836	52.9	-6.76582	μg/L	-6.76582	μg/L	
188.979	-14.1	2.03442	µg/L	2.03442	μg/L	
a 233.527		49.8248	µg/L	49.8248	µg/L	
e 313.107	10347.3	0.454844	µg/L	0.454844	µg/L	
l 226.502 a 430.253	-259.5 583821.6	0.997129 83713.9	µg/L	0.997129 83713.9	µg/L	
205.560	569.4	27.5706	μg/L μg/L	27.5706	µg/L µg/L	
228.616	240.1	6.92151	µg/L	6.92151	µg/1 µg/L	
324.752	14709.7	10.3757	µg/L	10.3757	µg/L	
e 273.955	281197.4	10029.6	µg/L	10029.6	µg/L	
220.353	34.8	3.56457	µg/L	3.56457	µg/L	
g 279.077 n 257.610	213317.8 155250.0	10323.7 407.987	µg/L	10323.7	μg/L μg/L	
i 231.604	293.2	407.987 6.84412	μg/L μg/L	4071987 6.84412	μg/L μg/L	
		8417.08	µg/L	8417.08	hā\r hā\r	
e 196.026	16.1	14.3273	µg/L	14.3273	µg/L	
g 338.289	115.5	1.03279	µg/L	1.03279	µg/L	
330.237		20506.2	µg/L	20506.2	μg/L	
190.801 292.402		-9.21517 12.4895	µg∕L µg∕L	-9.21517 12.4895	μg/L μg/L	
206.200		38.3891	µg/L	38.3891	µg/L	
249.677	6733.5	251.504	µg/L	251.504	µg/L µg/L	
202.031	26.8	3.62400	µg/L	3.62400	µg/L	
227.546	11973.5	85285.6	µg/L	85285.6	µg/L	
1 589.592		31069.8	µg/L	31069.8	µg/L	
an Data 241245-001		Seq.	No.: 69 Sample		A/S Pos: 0	
ample Qty: 1	.0000 L	Prep.	Vol.: 1.0 Reprocessed	L		1.0: 1.0
		Data:	Reprocessed		Date: 10/13/04	4:04:12 PM
	ean Corr.	Mean	Calib	Mean	Sample	
	Intensity		Units	Conc.	Units	
360.073 361.383	102558.2 448853.5	1.046 1.021	μg/L μg/L			
308.215		394.724	µд/L µд/L	394.724	µg/L	
206.836		-2.64301	μg/L	-2.64301	μg/L	
188.979	-13.9	1.09928	µg/L	1.09928	µg/L	
233.527	3494.1	25.1679	hd/T	25.1679	µg/L	
313.107		0.327552	µg/L	0.327552	µg/L	
226.502 430.253		1.23491 30465.3	µg/L µg/L	1.23491 30465.3	µg/L µg/I	
205.560	38.6	2.58747	μg/L μg/L	2.58747	μg/L μg/L	
228.616	62.6	1.31537	րց/ւ	1.31537	µg/L	
324.752	25973.3	35.5259	μg/L	35.5259	μg/L	
273.955	25917.2	925.334	µg/L	925.334	µg/L	
					000157	

Method: TEST:	Sc		Page 32		Date: 10/13/04	4:05:03 PM
Pb 220.353	45.0	3.71756	µg/L	3.71756	µg/L	
Mg 279.077	152803.5	7391.13	µg/L	7391.13	µg/L	
Mn 257.610	24224.7	62.0988	µg/L	62.0988	µg/L	
Ni 231.604	195.9	3.22314	µg/L	3.22314	µg/L	
Ř 766.490	13513017.2	36284.5	µg/L	36284.5	µg/L	
Se 196.026	6.8	7.18729	μg/L	7.18729	µg/L	
Ag 338.289	99.4	0.857553	µg/L	0.857553	µg/L	
Na 330.237		58593.1	µg/L	58593.1	hā/I	
Tl 190.801	-56.6	-12.0868	µg/L	-12.0868	µg/L	
V 292.402 Zn 206.200	-58.5 3589.0	-1.13415 128.231	μg/L μg/L	-1.13415 128.231	µg/L	
B 249.677	1284.6	41.5375	μg/L	41.5375	µg/L µg/L	
Mo 202.031	2809.9	391.067	hd\r hd\r	391.067	μg/L	
Ca 227.546	4430.1	31419.1	µg/L	31419.1	µg/L	
Na 589.592	Sat	urated				
Mean Data					0	
ID: 241245-00 Sample Qty:			. No.: 70 Sample 1 p. Vol.: 1.0 L			1.0: 1.0
Qcy.	1.0000 T	Dat	a: Reprocessed		Dilución: Date: 10/13/04	
Element	Mean Corr. Intensity	Mean Conc.	Calib Units	Mean Conc.	Sample Units	
Y 360.073	102766.4	1.048	units µg/L	conc.	UNICS	
Sc 361.383	450402.6	1.024	hd/T			
Al 308.215	33155.2	247.875	µg/L	247.875	lpd/l	
Sb 206.836	56.6	-2.92153	µg/L	-2.92153	µg/L	
As 188.979	-14.9	0.527881	µg/L	0.527881	µg/L	
Ba 233.527	3326.6	24.0119	µg/L	24.0119	µg/L	
Be 313.107	9838.0	0.295467	µg/L	0.295467	µg/L	
Cd 226.502	-280.1	1.12425	µg/L	1.12425	µg/L	
Ca 430,253 Cr 205.560	204624.5 31.3	29544.9 2.24400	µg/L	29544.9	µg/L	
Co 228.616	58.9	1.19948	μg/L μg/L	2.24400 1.19948	μg/L μg/L	
Cu 324.752	25560.5	34.6042	µg/L	34.6042	µg/L	
Fe 273.955	18120.1	647.243	µg/L	647.243	μg/L	
Pb 220.353	25.5	0.729067	µg/L	0.729067	µg/L	
Mg 279.077	148487.0	7181.94	µg/L	7181.94	µg/L	
Mn 257.610	19411.5	49.3942	µg/L	49.3942	µg/L	
Ni 231.604	173.2	2.37870	µg/L	2.37870	µg/L	
K 766.490	13282017.8	35657.3	µg/L	35657.3	µg/L	
Se 196.026	5.8	6.32908	µġ/L	6.32908	hd\T	
Ag 338.289 Na 330.237	107.1 71665.7	0.942035	µg/L	0.942035	µg/L	
Tl 190.801		-10.6537	μg/L μg/L	57738.8 -10.6537	µg/L µg/L	
V 292.402	-63.3	-1.21514	µg/L	-1.21514	μg/L	
Zn 206.200		127.212	na/r	127.212	ug/L	
B 249.677		38.7708	hd/L	38.7708	μg/L	
Mo 202.031		382.213 30378.1	µg/L	382.213	µg/L	
Ca 227.546	4284.6	30378.1		30378.1	µg/L	
Na 589.592	Satı					
TD. CDTMODIC	TOOT	0	. No.: 71 Sample N		7 / a 7 a	
Sample Qty:	1.0000 g	Pre	. No.: 71 Sample N p. Vol.: 1.0 L		Dilution:	1.0: 1.0
		Dat	NO.: /1 Sample N p. Vol.: 1.0 L a: Reprocessed Calib		Date: 10/13/04	4:05:02 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
Element	Intensity	Conc.	Units	Conc.	Sample Units	
Y 360.073	108972.7	1.111	µg/L			
Sc 361.383	492133.7	1.119	µg/L			
Al 308.215		-17.6321	µg/L			
Sb 206.836	426.7	116.670	hd\r T			
As 188.979	20.6	19.3740	μg/L			
Ba 233.527		0.639343	hd\r			
Be 313.107	34580.3	9.62314	µg/L ng/I			
Cd 226.502 Ca 430.253	101.3 1198.2	10.9935 482.104	μg/L μg/L		en e	
Cr 205.560		20.6848	µg/L µg/L			
Co 228.616			μg/L μg/L			
Cu 3241752	31225.3	101.894 47.2530	hd\T hd\T			
Fe 273.955		106.900	μg/L			
Pb 220.353	47.5	3.48399	μg/L			
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Method: TESTSc			Page 33		Date: 10/13/04	4:05:54 PM
Mg 279.077	1246.6	46.4355	µg/L			
Mn 257.610	13826.0	34.7636	hd\T			
Ni 231.604	2374.1	84.3187	µg/L			
K 766.490	179776,9	83.8112	hd/r			
Se 196.026	8.4	10.0553	µg/L			
Ag 338.289	1849.2	19.8517	µg/L			
Na 330.237 Tl 190.801	-265.8 -11.0	856.995 19.8495	µg/L ug/I			
V 292.402	5917.3	99.8885	μg/L μg/L			
Zn 206.200	1170.5	39.5436	µg/L			
B 249.677	208.2	-0.112991	µg/L			
Mo 202.031	14.3	1.88900	µg/L			
Ca 227.546	67.8	321.297	µg/L			
Na 589.592	62099.5	303.540	µg/L			
Mean Data						
ID: ISAM03ISA00		Se	q. No.: 72 Sample No.	: 7	A/S Pos: 0	
Sample Qty:			ep. Vol.: 1.0 L			1.0: 1.0
			ta: Reprocessed		Date: 10/13/04	4:05:28 PM
	Mont C					
Element	Mean Corr. Intensity	Mean	Calib Units	Mean Conc.	Sample Units	
Y 360.073	90581.1		ug/L	conc.	UIIILS	
Sc 361.383	426674.6	Ú.97Ú	hd\r hd\r			
Al 308.215	15980120.5	509956	hd\T hd\T			
Sb 206.836	87.0	-19.2255	hd\r Hd\r			
As 188.979	-44.5	-7.54501	μg/L			
Ba 233.527	826.8	6.75887	µg/L			
Be 313.107	10007.6	0.354250	µg/L			
Cd 226.502	-63.7	-6.25923	µg/L			
Ca 430.253	3842284.8	548746	µg/L			
Cr 205.560	13.5	1.40677	µg/L			
Co 228.616	102.4	2.57350	µg/L	- 1		
Cu 324.752	8259.3	-4.02736	µg/L			
Fe 273.955 Pb 220.353	5210153.9	185829	µg/L			
Mg 279.077	-332.5 10214118.3	3.19999 494978	µg/L			
Mn 257.610	7123.9	9.00281	µg/L µg/L			
Ni 231.604	15.4	-3.49576	µg/L	attende ander		
K 766.490	217153.3	185.290	µg/L			
Se 196.026	-31.5	-2.12921	µg/L			
Ag 338.289	441.6	4.57297	µg/L			
Na 330.237	715.9	273.174	µg/L			
Tl 190.801	-83.9	-1.34072	µg/L			
V 292.402	86.5	1.31808	µg/L			
Zn 206.200		~6.61950	μg/L	* * ×		
B 249.677		-4.04328	µg/L			
Mo 202.031 Ca 227.546		0.219895 549410	µg/L ug/L			
Na 589.592	112835.6	518.710	μg/L μg/L			
		~~~*/*/	F2/-			
Mean Data						
ID: ISBM03ISR00		Sec	A. No.: 73 Sample No.: 2p. Vol.: 1.0 L	9	A/S Pos: 0	
Sample Qty:	T.0000 g	Pre	ep. Vol.: 1.0 L		Dilution:	0: 1.0
		Dat	a: Reprocessed		Date: 10/13/04	4:05:53 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
Element	Intensity		Units	Conc.	Units	
Y 360.073	91119.3	0.929	µg/L			
Sc 361.383	421033.9	0.958 518157	µg/L			
Al 308.215			µg/L			
Sb 206.836		650.749	µg/L			
As 188.979	150.7	98.6073	µg/L			
Ba 233.527	78642.5	543.824	μg/L			
Be 313.107	1282284.6	493.151	µg/L			
Cd 226.502	35651.5	914.327	μg/L			
Ca 430.253	3918344.6	559604	µg/L µg/I			
Cr 205.560 Co 228.616	10590.1 15056.6	499.188 474.939	µg/L µg/L			
Cu 324.752	256425.0	474.939	µg/L µg/L			
Fe 273.955	5320863.2	189750	µg/L			
Pb 220.353	-19.8	51,4591	µg/L			
Mg 279.077	10349556.5	501542	µg/L		0001:	59
					UUUL.	J .

Method: TESTSc			Page 34		Date: 10/13/04	4:06:46 PM
ſn 257.610	192771.6	499.047	µq/L			
Ji 231.604	25633.3	950.135	μg/L			
766.490	195023.3	125.206	µg/L			
Se 196.026	31.2	49.9785	µg/L			
Ag 338.289	20602.5	223.413	µg/L			
Ja 330.237	3126.2	2140.07	µg∕L			
1 190.801	37.1	88.6823	hd\r			
7 292.402	30485.8	515.221	hd\r			
In 206.200		908.410	µg/L			
3 249.677		-4.80798 -0.0713037	µg/L			
10 202.031 Ca 227.546		553982	μg/L μg/L			
Ia 589.592	62105.4	303.565	μg/L μg/L			
iean Data D: CCVM03AGCCV0	3	Sec	g. No.: 74 Sample	No.: 11	A/S Pos: 0	
ample Qty:	1.0000 g	Pre	≥p. Vol.: 1.0 L		Dilution: 1	0: 1.0
· · · · · · · · · · · · · · · · · · ·		Dat	q. No.: 74 Sample pp. Vol.: 1.0 L za: Reprocessed		Date: 10/13/04	4:06:20 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
lement	Intensity	Conc.	Units	Conc.	Units	
360.073	107832.9	1.099	µg/L			
c 361.383	475511.2	1.081 1226.85	µg/L			
1 308.215			µg/L			
b 206.836	55.1	-2.03406	hd\r			
s 188.979		1.04378	µg/L			
a 233.527 e 313.107		1.45663	µg/L wg/T			
d 226.502	-206.9	1.09752	µg/L µg/L			
a 430.253		1575.95	μg/L μg/L			
r 205.560		1.44868	μg/L			
0 228.616	-19.5	-1.27583	µg/L			
u 324.752	142520.0	295.761	µg/L			
e 273.955	18026.6	644.086	µg/L	· · · · · · · · · · · · · · · · · · ·		
b 220.353	-10.2	-5.19006	µg/L			
g 279.077		1430.53	hd\r			
n $257.610$	1903.1	3.26179	µg/L			
i 231.604 766.490	124.7	0.572372	µg/L			
e 196.026	157322.0 -1.3	22.8446	µg/L µg/L		A.	
q 338.289	27166.0	294.657	µg/L			
a 330.237	-575.9		μg/L			
1 190.801	360.2	295.783	µg/L			
292.402	-261.1	-4.55882	hd\r bay_			
n 206.200	153.7	2.06948	µg/L			
249.677	26845.2	1026.54	hd\r			
0 202.031	7217.2	1004.64	µg/L			
a 227.546	231.2	1507.09	µg/L			
a 589.592	17242.6	113.303	µg/L			
ean Data						· · · · · · · · · · · · · · · · · · ·
D: CCVM03IRCCV02 ample Oty:	2 0000 ~	Seq	No.: 75 Sample I	No.: 12	A/S Pos: 0	0. 10
emilare Acà	L.0000 g	Dat	p. Vol.: 1.0 L a: Reprocessed		Dilution: 1 Date: 10/13/04	.0: 1.0 4:06:45 PM
	lean Corr. Intensity		Calib	Mean	Sample	
		1.052	Units µg/L	Conc.	Units	
		1.069	μg/L			
1 308.215	355032.0	10486.8	μg/L			
b 206.836		529.969	µg/L			
	-17.9	-4.73037	hd\r hd\r			
		10479.5	µg/L			
e 313.107	651944.7		µg/L			
1 226.502	-203.6	2.77756	µg/L			
a 430.253	172818.9	24990.8	µg/L			
r 205.560	21485.2	1011.96	µg/L			
> 228.616	77902.8	2460.09	µg/L			
u 324.752	561151.4	1230.52	µg/L			
e 273.955	148792.1	5171.77	µg/L			
5 220.353	21.5	0.551178	hd/r		AAAAA	
g 279.077 n 257.610	529008.2 930924.2	25622.6 2455.69	μg/L μα/Γ		000160	)
ALACISULU.	200224.2	2177.63	µg/L			
		1				

			7 75		D-+ 10/12/04	4.07.20
Method: TESTS	3	<u></u>	Page 35		Date: 10/13/04	4:07:39 PM
Ni 231.604	68027.5	2528.52	µg/L			
K 766.490	10508957.3	28128.2	µg/L			
Se 196.026 Aq 338.289	4.9 68344.0	8.91143 741.633	µg/L µg/L			
Na 330.237	28610.0	23587.5	µg/L			
Tl 190.801	-23.2	9.32628	µg/L			
V 292.402	151102.6	2554.26	µg/L			
Zn 206.200	66360.6	2435.29	μg/L			
B 249.677 Mo 202.031	414.6 3529.7	3.83016 491.276	μg/L ug/L			
MO 202.031 Ca 227.546	3559.4	24944.6	μg/L μg/L			
	7014976.0	29790.5				a
Mean Data						
ID: CCVM02ISBC			Seq. No.: 76 Sample No.: Prep. Vol.: 1.0 L	13	A/S Pos: 0	1.0: 1.0
Sample Qty:	1.0000 g	-	Data: Reprocessed		Date: 10/13/04	4:07:12 PM
	Mean Corr.			Mean	Sample	
Element Y 360.073	Intensity 107729.2			Conc.	Units	
Sc 361.383	482826.3		μg/L μg/L			
Al 308.215	37910.4	404.550	µg/L			
Sb 206.836	1671.5	512.393	µg/L			
As 188.979	1844.2	1008.29	µg/L			
Ba 233.527 Be 313.107	3161.6	22.8733	μg/L μg/L			
Cd 226.502	11263.7	499.900	µg/L µg/L			
Ca 430.253	3379.0	793.252	µg/L		and the second	
Cr 205.560	45.6	2.91618	µg/L			
Co 228.616	0.081	5.02600	μg/L			
Cu 324.752 Fe 273.955	10694.0 6257.1	1.40917 223.902	µg/L			
Pb 220,353	6582.3	995.383	μg/L μg/L			
Mg 279.077	11083.4	523.143	hd\T hd\T			
Mn 257.610	3334.2	7.05487	µg/L			
Ni 231.604	245.6	5.07493	hd\r			
K 766.490	166459.4	47.6531	µg/L			
Se 196.026 Ag 338.289	1284.4 608.7	1053.25 6.38684	µg/L			
Na 330.237	-854.1	391.216	μg/L μg/L			
Tl 190.801	1277.3	977.079	µg/L			
V 292.402	193.2	3.12105	µg/L			
Zn 206.200	249.0	5.63296	hd\T			
B 249.677	269.6	2.41902	μg/L			
Mo 202.031 Ca 227.546	3544.2 118.3	493.294 695.713	μg/L μg/L			
Na 589.592	20519.4	127.200	µg/L			
Mean Data						
ID: CCB			eq. No.: 77 Sample No.:	14	A/S Pos: 0	
Sample Qty:	1.0000 g	I	Prep. Vol.: 1.0 L		Dilution:	
			Data: Reprocessed		Date: 10/13/04	4:07:38 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
Element	Intensity	Conc.		Conc.	Units	
Y 360.073	107570.7	1.097	µg/L	· · · ·		
Sc 361.383	475451.3	1.081	µg/L			
Al 308.215 Sb 206.836	32777.1 75.3	240.481 4.47578	µg/L µg/L			
As 188.979	-8.0	3.77441	µg/L µg/L			
Ba 233.527	1364.9	10.4728	µg/L			
Be 313.107	10353.1	0.484268	µg/L			en de la seconda de la seco
Cd 226.502	-238.6	2.22859	μg/L			
Ca 430.253	2193.7	624.068	µg/L			
Cr 205.560	9.0	1.19508	µg/L ng/I			
Co 228.616 Cu 324.752	100.6 9911.2	2.51513 -0.338780	μg/L μg/L			
Fe 273.955	3934.7	141.085	µg/L			
Pb 220.353	17.7	-0.999063	µg/L			
Mg 279.077	7044.7	327.421	µg/L			
Mn 257.610	1890.4	3.24620	µg/L		000A0	A
Mn 257.610 Ni 231.604	1890.4 167.1	3.24620 2.15087	μg/L μg/L		00016	1

Method: TESTSc		Page 36	Date: 10/13/04 4:09:09 PM
K 766.490 157940.7	24.5243	µg/L	
Se 196.026 5.6	7.71239	µg/L	
Ag 338.289 273.7	2.75036	µg/L	
Na 330.237 -572.6	614.677	µg/L	
Tl 190.801 -32.3	4.15423	µg/L	
V 292.402 174.7	2.80942	µg/L	
Zn 206.200 131.5	1.32166	µg/L	
B 249.677 213.2	0.249457	µg/L	
Mo 202.031 25.8	3.48609	µg/L	
Ca 227.546 95.7	533.781	µg/L	
Na 589.592 18458.3	118.459	µg/L	

	76962 mo4IImso	хоз	Prep Date: Time:	10/7/04 1030 Am		Matrix: Weiter Hot Block temperature: #1 18°C
MS:	MOYEMS	005	LCSF:			HNO3:
MS:	MOYILLS	61112	LCSS:			HCI: H2O2:
LCSI:	NIOYILLS	005				11202.
Method (cirlc	e one):	ICP Furnace	2007WW 2007DW	3050 3050GF	2007DW 3113DW	Other: Other:
	Job	Sample	Init Wgt (g)/ Vol (ml)	Final Vol (ml)		Comments
1	241272-+	1	50ml	50ml		
2	V	2				
3	241274					
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				+		
MS F MS F	241274	12	20ml	50ml		
MD F	241274	100				
MB	¥					
LCSW/LC85	I		V	V		
LCSW/LCSS					<u> </u>	metprelb
Analyst(s):	MAD		I	Reviewed by:		- 000163
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**APPENDIX 3** 

**GROUNDWATER SAMPLING FIELD PARAMETER MEASUREMENTS** 

Time	Pump Rate (L/min)	Drawdown (ft)	pH (ph units)	Temp (degree C)	ORP (mV)	Cond. (uS)	Turb. (NTU)	DO (Mg/l)	NOTES
2:10	0.4	0.03	5.91	16.71	235	0.645	74	4.56	
2:15	0.4	0.02	5.91	16.83	225.2	0.643	78.1	4.56	
2:20	0.4	0.02	5.91	16.85	228.8	0.644	68.9	4.53	
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Time	Pump Rate (L/min)	Drawdown (ft)	pH (ph units)	Temp (degree C)	ORP (mV)	Cond. (uS)	Turb. (NTU)	DO (Mg/l)	NOTES
3:17	0.15	0	6.37	16.69	208.4	0.744	166	0.62	
3:22	0.15	0.02	6.37	16.63	209.3	0.743	129	0.61	
3:27	0.15	0.01	6.36	16.47	209.6	0.734	111	0.65	
3:46	0.15	0.02	6.34	16.97	210.2	0.691	39.2	0.71	
3:51	0.15	0.01	6.33	16.81	210	0.689	38.9	0.72	
3:56	0.15	0	6.32	16.67	210.2	0.681	36	0.69	

Time	Pump Rate (L/min)	Drawdown (ft)	pH (ph units)	Temp (degree C)	ORP (mV)	Cond. (uS)	Turb. (NTU)	DO (Mg/l)	NOTES
3:13	0.1	0.1	6.76	18.3	96.6	0.413	21.6	1.08	
3:20	0.1	0.1	6.75	17.87	69.8	0.415	11.8	0.29	
3:31	0.1	0.09	6.75	18.22	49.9	0.422	5.68	0.21	
3:41	0.1	0.1	6.74	17.64	39.8	0.43	2.72	0.13	
3:53	0.1	0.09	6.74	17.6	36.4	0.434	1.7	0.09	
4:03	0.1	0.1	6.73	17.62	32.6	0.438	1.71	0.08	
4:06	0.1	0.1	6.74	17.75	31.8	0.438	1.24	0.09	
4:10	0.1	0.1	6.74	17.77	30.6	0.44	0.79	0.08	
4:14	0.1	0.1	6.74	17.67	29.3	0.443	0.63	0.08	
4:18	0.1	0.1	6.74	17.78	28.7	0.442	0.46	0.09	

		(ft)	pH (ph units)	Temp (degree C)	ORP (mV)	Cond. (uS)	Turb. (NTU)	DO (Mg/l)	NOTES
5:11	0.3	0.23	6.37	16.06	118.2	0.471	10.6	2.06	
5:24	0.3	0.25	6.34	15.95	137.4	0.47	10.86	1.58	
5:27	0.3	0.21	6.34	15.99	142	0.469	10.54	1.59	
5:32	0.3	0.21	6.34	16.07	145.5	0.469	9.39	1.63	
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Time	Pump Rate (L/min)	Drawdown (ft)	pH (ph units)	Temp (degree C)	ORP (mV)	Cond. (uS)	Turb. (NTU)	DO (Mg/l)	NOTES
3:54	0.3	0.39	6.49	16.24	24.7	0.493	33.1	1.36	
4:03	0.3	0.21	6.49	16.15	28.6	0.486	21.9	0.4	
4:08	0.3	0.2	6.49	16.73	28.9	0.49	24.3	0.43	
4:13	0.3	0.16	6.5	17.17	30.6	0.491	20.8	0.53	
4:23		0.4	6.51	17.6	34.3	0.499	29.9	0.5	
4:32	0.3	0.18	6.51	17.34	33.4	0.495	21.3	0.69	
4:37	0.3	0.19	6.51	17.73	34.6	0.494	24.5	0.56	
4:42	0.3	0.19	6.51	18	35.1	0.494	28.4	0.54	
4:49	0.3	0.19	6.51	18.14	35.4	0.495	26.3	0.56	
4:52	0.3	0.19	6.51	18.21	36.1	0.495	26.6	0.69	

Time	Pump Rate (L/min)	Drawdown (ft)	pH (ph units)	Temp (degree C)	ORP (mV)	Cond. (uS)	Turb. (NTU)	DO (Mg/l)	NOTES
3:01	0.48	0.03	6.82	17.77	71.4	0.76	140	0.55	
3:09	0.48	0.07	6.82	17.96	54.1	0.733	50	0.4	
3:15	0.48	0.14	6.81	17.17	54	0.72	23	0.43	
3:19	0.48	0.11	6.79	12.18	48.9	0.745	14	0.35	
3:24	0.48	0.14	6.8	17.21	46.8	0.751	9.2	0.31	
3:35	0.48	0.14	6.79	12.34	41.9	0.764	45	0.24	
4:05	0.48	0.1	6.82	17.89	50.2	0.776	5.6	0.6	
4:18	0.48	0.1	6.82	18.08	35.1	0.78	3.6	0.2	
4:21	0.48	0.11	6.82	18.06	33.3	0.783	3.3	0.19	
4:30	0.48	0.11	6.82	18.02	33.8	0.784	2.9	0.21	
4:34	0.48	0.11	6.82	18.04	33.9	0.784	2.5	0.22	
4:37	0.48	0.11	6.82	17.79	35.3	0.783	2.4	0.19	
4:40	0.48	0.11	6.82	17.75	37	0.782	2.2	0.19	
4:43	0.48	0.11	6.82	17.72	40.5	0.783	2.2	0.18	
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Time	Pump Rate (L/min)	Drawdown (ft)	pH (ph units)	Temp (degree C)	ORP (mV)	Cond. (uS)	Turb. (NTU)	DO (Mg/l)	NOTES
9:41	0.3	0.25	6.84	17.56	216.4	1.107	11	5.35	
9:47	0.3	0.15	6.84	17.95	203.2	1.105	8.72	4.89	
9:50	0.3	0.17	6.84	17.81	198.7	1.119	7.72	5.08	
9:57	0.3	0.19	6.83	17.47	184	1.154	5.95	4.85	
10:06	0.3	0.09	6.82	17.41	172.1	1.189	5.53	5.01	
10:09	0.3	0.15	6.82	17.4	169.9	1.176	4.96	4.83	
10:13	0.3	0.27	6.82	17.96	165.7	1.171	4.64	5.07	
10:16	0.3	0.2	6.82	17.92	161.8	1.166	4.84	4.87	
10:20	0.3	0.11	6.82	17.7	159.6	1.176	4.25	4.92	
10:23	0.3	0.3	6.82	17.62	157.3	1.197	3.53	4.74	
10:26	0.3	0.19	6.82	18.14	155.4	1.195	3.58	4.84	
10:29	0.3	0.11	6.82	18.09	153.4	1.187	3.57	4.78	
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Time	Pump Rate (L/min)	Drawdown (ft)	pH (ph units)	Temp (degree C)	ORP (mV)	Cond. (uS)	Turb. (NTU)	DO (Mg/l)	NOTES
1:30	0.22	0.06	7.05	15.39	69.8	0.932	4.7	0.32	
1:34	0.22	0.05	7.06	15.5	38.8	0.933	4.2	0.41	
1:37	0.22	0.05	7.07	15.58	18.5	0.936	4.1	0.22	
1:40	0.22	0.05	7.07	15.64	5.9	0.938	3.6	0.3	
1:44	0.22	0.05	7.07	15.7	-1.7	0.94	3.8	0.32	
1:47	0.22	0.03	7.07	15.73	-4.8	0.941	3.2	0.28	
1:52	0.22	0.03	7.07	15.81	-6.7	0.941	3	0.34	
1:56	0.22	0.02	7.08	15.88	-5.8	0.942	3	0.33	
1:59	0.22	0.02	7.07	15.93	-6.9	0.944	2.8	0.33	

Time	Pump Rate (L/min)	Drawdown (ft)	pH (ph units)	Temp (degree C)	ORP (mV)	Cond. (uS)	Turb. (NTU)	DO (Mg/l)	NOTES
11:35	0.15	0.13	6.09	15.29	239.1	0.363	142	5.08	
11:40	0.15	0.1	6.09	15.21	240.1	0.361	126	5.09	
11:45	0.15	0.1	6.09	15.19	241.2	0.36	98.8	5.09	
11:50	0.15	0.11	6.08	15.15	242.2	0.359	107.4	5.15	
11:55	0.15	0.11	6.08	15.06	247.8	0.358	105.8	5.12	

Time	Pump Rate (L/min)	Drawdown (ft)	pH (ph units)	Temp (degree C)	ORP (mV)	Cond. (uS)	Turb. (NTU)	DO (Mg/l)	NOTES
11:35	0.25	0.08	6.32		209.5	0.359	Er3	0.97	
11:47	0.25	0.08	6.33		199.8	0.361	313	1.42	
11:55	0.25	0.08	6.33	15.75	194.5	0.363	217	0.71	
12:27	0.25	0.08	6.33	15.8	198.8	0.362	124	1.06	
12:30	0.25						99.9		
12:40	0.25	0.08	6.33		186.4	0.361	110	0.85	
12:45	0.25	0.08	6.33		182.6	0.361	100	0.81	
12:50	0.25	0.08	6.33	15.86	179.1	0.362	93.5	0.82	
1:00	0.25	0.08	6.33	15.97	173.2	0.361	72.4	0.85	
1:05	0.25	0.1	6.33	15.95	171.8	0.361	67.9	0.85	
1:10	0.25	0.09	6.33	15.92	169.9	0.361	68.7	0.83	

APPENDIX 4 REMEDIES AND CLEANUP GOALS FOR CCA SITES

## **REMEDIES AND CLEANUP GOALS FOR CCA SITES**

EPA Site	Location	Soil Remedy	As Cleanup Goal	Cr Cleanup Goal	Cu Cleanup Goal	Institutional Controls / Use Restrictions
Cape Fear Wood Preserving	Fayetteville, NC	Excavation, on-site soil washing, backfill treated soil	94 mg/kg ¹	88 mg/kg ²	NA	NA
Joseph Forrest Products	Joseph, OR	Excavation and off-site disposal	36 mg/kg ¹	1,352 mg/kg ¹	10,000 mg/kg ¹	Deed Restrictions / Environmental Notice
Mid-Atlantic Wood Preservers	Harmans, MD	Excavation and off-site disposal; Capping	$1,000 \text{ mg/kg}^3$ $10 \text{ mg/kg}^4$	NA	NA	Deed Restrictions
Mid-South Wood Products	Mena, AR	Consolidation and capping	5.6 mg/kg	19.4 mg/kg	NA	Fencing / Deed Restrictions
Rentokil, Inc.	Richmond, VA	Consolidation and capping	33 mg/kg ¹	NA	NA	Groundwater and Land Use Restrictions (no residential development)
Valley Wood Preserving	Turlock, CA	Excavation, fixation, backfilling	2 mg/kg ¹ (surface) 5 ug/kg (subsurface)	4 mg/kg ^{1,5} (surface) 5 ug/kg (subsurface)	NA	Possible Deed Restrictions
Bell Lumber & Pole Co.	New Brighton, MN		$\frac{31 \text{ mg/kg}^1}{55 \text{ mg/kg}^2}$	$400 \text{ mg/kg}^6$	NA	Couldn't Locate in 2 nd ROD Search
American Creosote Works, Inc.	Jackson, TN		2.25 ppm ⁷	NA	NA	Deed Restrictions, Limit to Industrial or Similar Use
Atlantic Wood Industries	Portsmouth, VA		76-150 ppm ¹	NA	390 ppm	Title Restrictions – prohibits res., agric. and use of groundwater
Bangor Naval Submarine Base	Silverdale, WA		20 ppm (shallow & sub-surface soils)	NA	NA	Institutional Controls – Groundwater Use Limitations
Cabot/Koppers	Gainesville, FL		27 mg/kg	92.7 mk/kg	NA	Institutional Controls
Koppers Co., Inc.	Charleston, NC		770  mg/kg (current off site) ⁷ 3,030 mg/kg (future on site) ⁷ Surface Sediment	NA	NA	N/A
McCormick & Baxter Creosoting	Portland, Or		8mg/kg (soil) 12 mg/kg (sediment)	NA	NA	Institutional Controls
Palmetto Wood Preserving	Dixiana, SC		<1 mg/kg ⁻¹	$627 \text{ mg/kg}^{-1}$	NA	N/A

Notes:

- 1. Based on Risk Assessment.
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   Based on site background, since Risk Assessment value is less than background.
   Excavation of soils greater than 1,000 mg/kg Arsenic (hot spots)
   Capping of soils between 10 and 1,000 mg/kg arsenic

- 5. Cr⁶⁺
- 6. Applies to total Chromium concentrations, including Cr⁺⁶
  7. Based on Target Cancer Risk of 1x 10⁻⁶