

March 15, 2001

Mr. Drew B. Shapiro EDZ Director Lackawanna Economic Development Zone 714 Ridge Road Lackawanna, New York 14218

#### Re: Lackawanna Business Park Site NYSDEC Site No. B-00080-9 Final Remediation Report - Revised

Dear Mr. Shapiro:

URS Corporation Group Consultants (URS) is pleased to provide you with two copies of the Revised Final Remediation Report. The original report was prepared in accordance with our July 14, 2000 proposal, specifically Task 3: "Monitor, Observe and Document Safe Excavation and Removal of Contaminated Soil According to NYSDEC Established Standards and Procedures". This report has been revised to address NYSDEC comments dated January 29, 2001. I have sent copies of this report directly to Messrs. Sutton, Pawenski, Ryan and O'Connor.

The ROD requires that a deed restriction be placed on the property. The Department's January 29, 2001 correspondence, specifically comment No. 10, requires that a copy of the deed restriction be included in this report. The City of Lackawanna has informed URS that the deed restriction is not available to include with this submission. The City will forward copies to all appropriate parties for inclusion in the Final Remediation Report as Appendix I.

Call if you have any questions.

Very truly yours,

**URS Corporation Group Consultants** 

Charles E. Dusel, Jr. Project Manager

cc: Gregory P. Sutton, P.E., NYSDEC – Buffalo
 Chris Pawenski, Erie County Dept. of Environment and Planning
 Michael Ryan, NYSDEC Albany
 Cameron O'Connor, NYSDOH, Buffalo
 File: 35815.00 (C-1)

enc.

URS Corporation 282 Delaware Avenue Buffalo, NY 14202-1805 Tel: 716.856.5636 Fax: 716.856.2545

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Lackawanna Business Park Brownfields Project (NYSDEC Site No. B-00080-9)

# Final Remediation Report

for Remedial Excavation and Debris Removal Lackawanna, New York

Prepared for:

The City of Lackawanna

Prepared by:

URS Corporation Group Consultants 282 Delaware Avenue

Buffalo, New York 14202

Final March 2001

# LACKAWANNA BUSINESS PARK – BROWNFIELDS PROJECT NYSDEC SITE NO. B-00080-9

#### FINAL REMEDIATION REPORT

FOR REMEDIAL EXCAVATION AND DEBRIS REMOVAL

**Prepared For:** 

THE CITY OF LACKAWANNA LACKAWANNA ECONOMIC DEVELOPMENT ZONE

**Prepared By:** 

URS CORPORATION GROUP CONSULTANTS 282 DELAWARE AVENUE BUFFALO, NY 14202

**MARCH 2001** 

#### **CERTIFICATION OF**

#### CONSTRUCTION QUALITY ASSURANCE

AT

# LACKAWANNA BUSINESS PARK SITE NYSDEC SITE NO. B-00080-9 FOR REMEDIAL EXCAVATION AND DEBRIS REMOVAL LACKAWANNA, NEW YORK

URS Corporation Group Consultants (URS) personnel and its subcontractors have performed and inspected the remedial action construction at the Lackawanna Business Park site according to generally accepted practices. Based on field observations and inspections made by onsite personnel, field and laboratory test data, and data provided by our subcontractors, URS certifies that the remedial excavation and debris removal at the site has been performed in substantial compliance with the approved Scope of Work and as stated in this report and on the accompanying figures.

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Charles E usel Jr. D

Project Man ger James Lanzo, P.E.

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## LACKAWANNA BUSINESS PARK SITE NYSDEC SITE NO. B-00080-9 FINAL REMEDIATION REPORT

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- Appendix F Inspectors Daily Reports
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- Appendix H Photographs
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#### 1.0 INTRODUCTION

This report certifies that all remedial construction activities completed at the Lackawanna Business Park (LBP) Site (site number B-00080-9) in the City of Lackawanna, Erie County, New York were performed in accordance with the approved Scope of Work for Remedial Excavation and Debris Removal, November, 2000. This Final Remediation Report is submitted by URS Corporation Group Consultants (URS) to the City of Lackawanna (City) and the New York State Department of Environmental Conservation (NYSDEC) for their review and comment. The report includes a brief narrative, figures, copies of the inspection reports and photographs, analytical results, and copies of inspector's log book.

URS performed the remedial work under contract with the City of Lackawanna. URS awarded the base bid contract for the LBP remediation to SLC Environmental Services (Contractor) of Lockport, New York. The bid alternate, for removal of construction and demolition debris from portions of the property outside of the limits of excavation, was not awarded.

Figure 1 shows the site location map. Figure 2 shows the Remedial Activities Plan.

#### 2.0 NARRATIVE DESCRIPTION OF CONSTRUCTION

The Contractor began remedial activities on December 13, 2000 at the LBP site by clearing all standing brush located inside the 92' to 100' feet-radius limit of initial excavation. Once all brush was cleared, the Contractor separated and cleared the construction and demolition (C & D) debris. A total of approximately 428 tons of C & D debris was loaded into either dump trucks or rolloffs and hauled offsite to the following locations: 364.11 tons to the Waste Management, Chaffee, Landfill; 44 tons to Lakefront Recycling, Inc.; 13.94 tons to the NEI Transfer Station; 4.44 tons to Shultz Landfill; and 1.51 tons to Diamond Hurwitz Scrap Inc. Copies of the C&D debris weigh tickets from each facility have been included in Appendix A. Appendix A also contains the Waste management Generator's Waste Profile Sheet and copies of the C&D debris waste manifests.

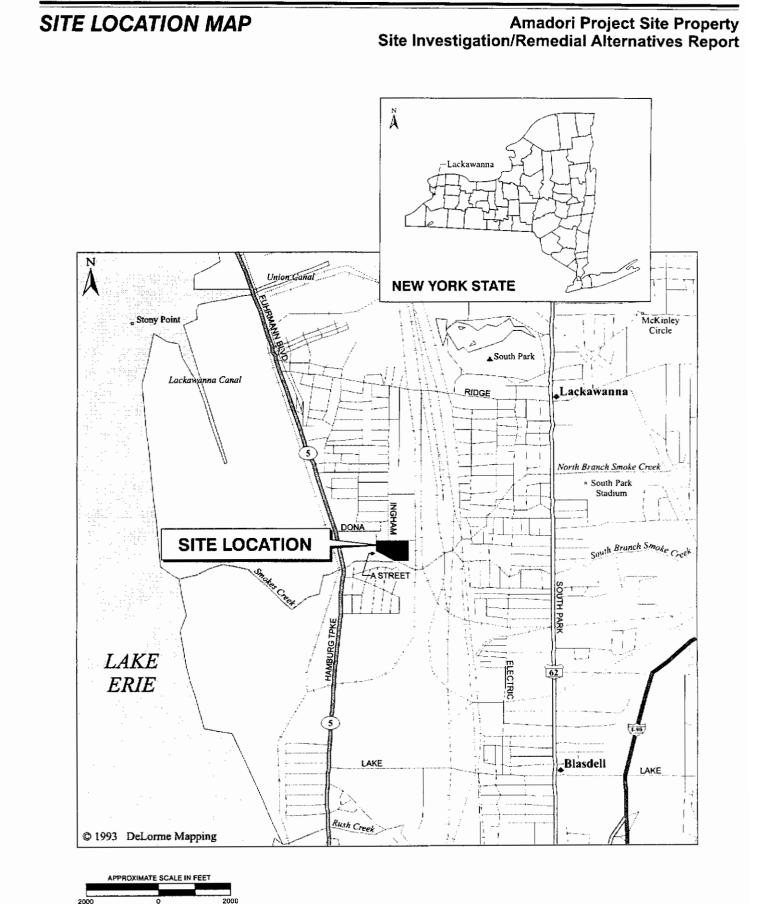
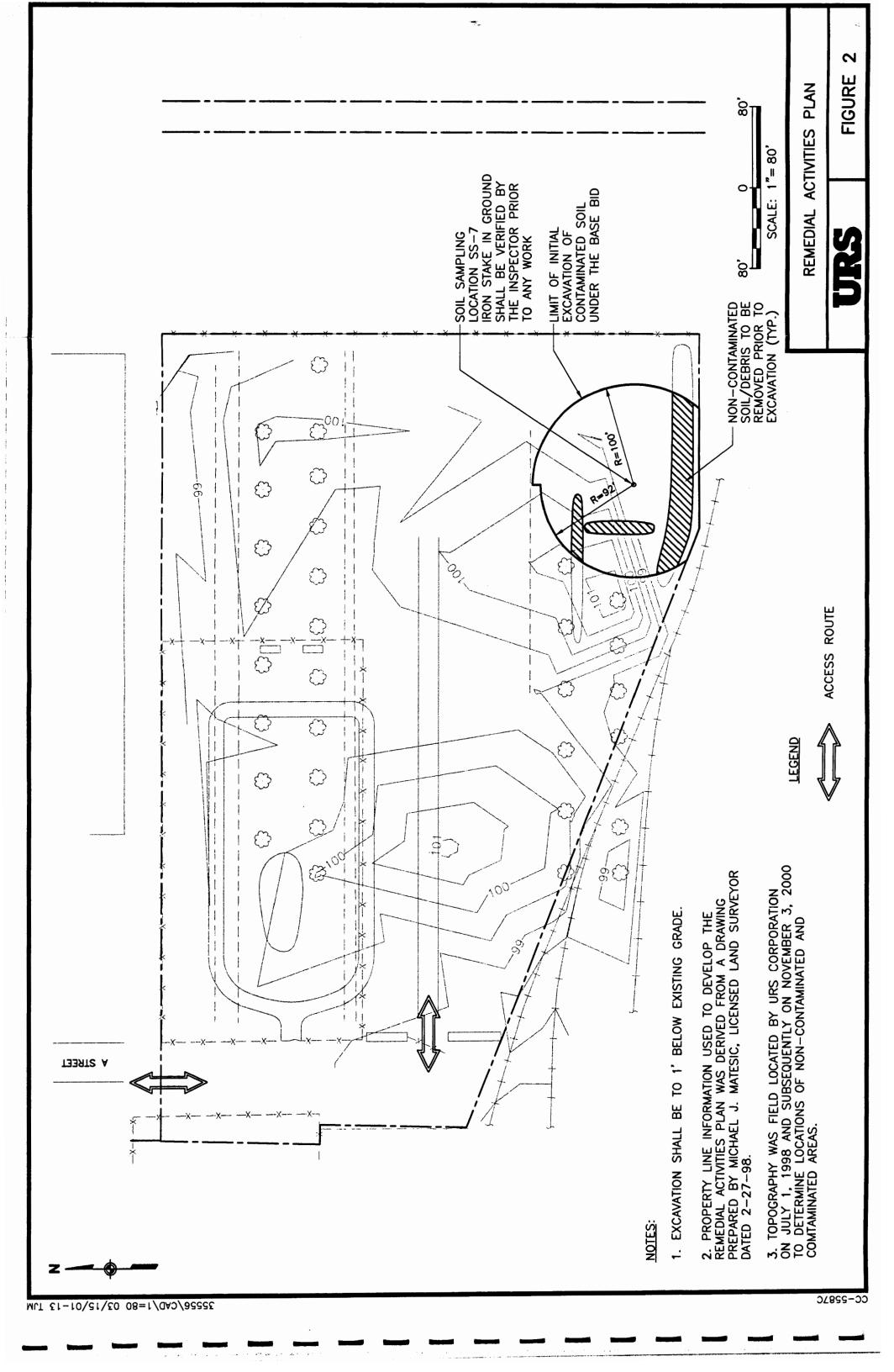


Figure 1



NYSDEC. The radius of excavation was increased 2-feet around the eastern and western perimeter. On December 26, 2000, additional post-excavation sampling and analysis was performed. Those samples contained < 50 ppm total chromium, indicating that all of the contamination had been removed. The results for all post-excavation sampling are contained in Table 1, below. The laboratory data packages are contained in Appendix C. The approximate limits of removal activities and restoration backfill are shown on Figure 3. Approximately 1,400 tons of chromium- contaminated soil were excavated and hauled offsite to Waste Management's Chaffee landfill for disposal. Copies of the contaminated soil weigh tickets, waste profile, and waste manifests are included in Appendix D.

#### TABLE 1

Sample ID	Date Collected	Total Chromium Concentration (ppm)	Clean-up Level (ppm)
SW1	12/21/00	155	50
SW2	12/21/00	38.4	50
SW3	12/21/00	72.7	50
BB1	12/21/00	36.0	50
SW1A	12/26/00	21.4	50
SW3A	12/26/00	16.5	50

POST-EXCAVATION SAMPLING RESULTS

The Contractor then backfilled the excavation area with clean soil. The verifications of clean soil are included in Appendix E. Approximately 1,224 cubic yards of clean backfill material was brought onto site. After backfilling, the Contractor seeded and mulched the excavation area. A final inspection was performed on January 2, 2001.

#### 3.0 DATA USABILITY

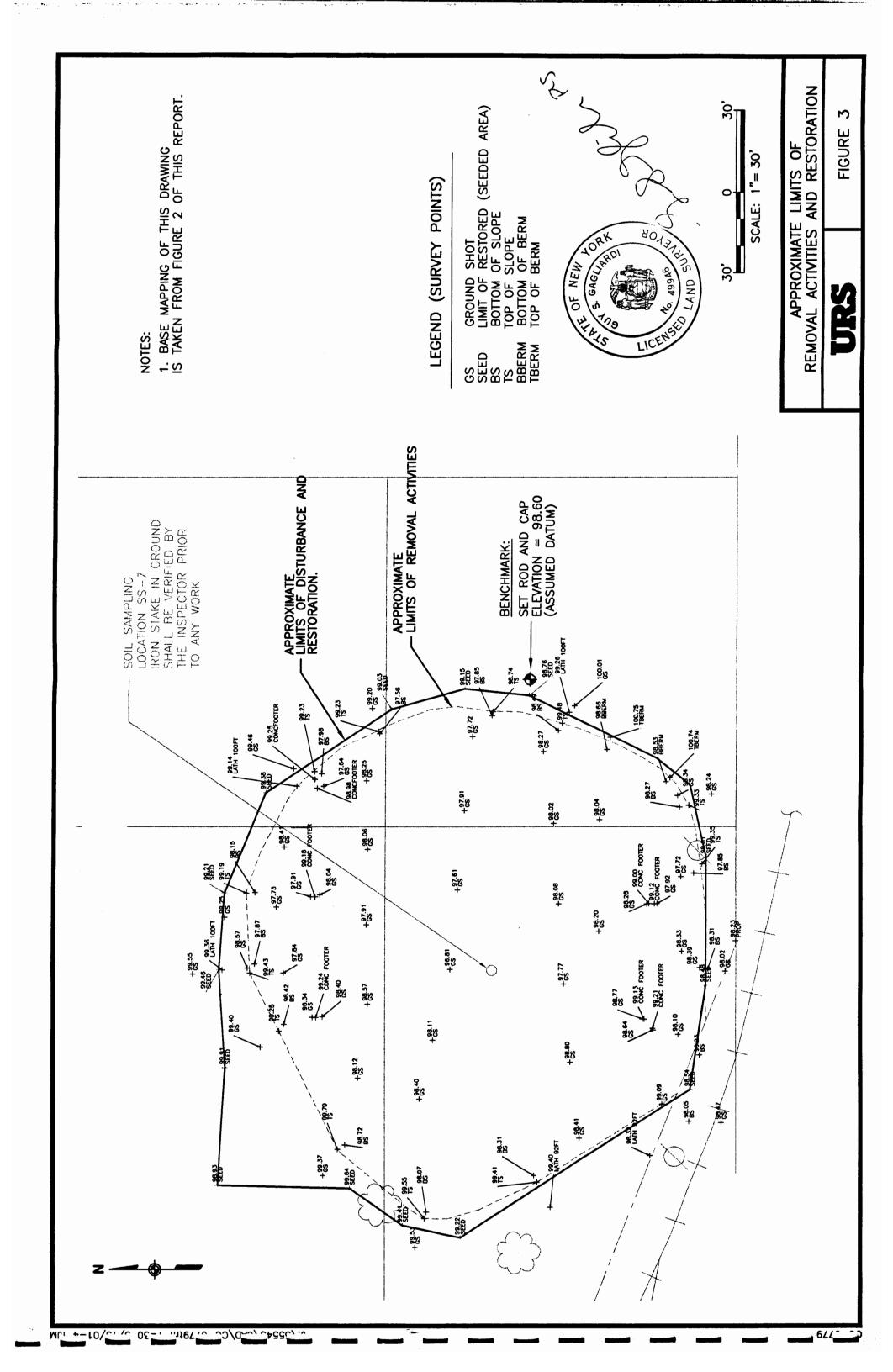
The data were reviewed in accordance with the requirements of USEPA Method 6010B, USEPA Region II *Evaluation of Metals Data for the Contract Laboratory Program (CLP), SOP* No. HW-2, Rev. XI, January 1992, and the requirements of the NYSDEC Division of Environmental Remediation *Guidance for the Development of Data Usability Summary Reports*, June 1999.

During site clearing, the Contractor exposed one 55-gallon drum. This drum was overpacked and moved to a secure location with the approval of the City. The drum was sampled by the Contractor and sent to Lozier Analytical Group for analysis. The results of the analyses, included in Appendix B, indicated that the contents of the drum were not a hazardous waste. URS completed the material characterization profile reflecting these results, and on January 26, 2001, Franks Vacuum Truck Service of Niagara Falls took possession of the drum and hauled the drum to Vexor Technology where the drum was treated by stabilization and/or solidification. The drum was then transported to the BFI landfill located in Lowellville, OH, for final disposal. Copies of the profile and manifest are included in Appendix B.

The Contractor excavated until the 1' depth mark was met throughout the majority of the 92' - 100' radius of the initial excavation area. URS's on site engineering inspector verified that the Contractor had excavated to the 1' depth. The soil was loaded into lined dump trucks that hauled it to the CID landfill. Excavation in the southern portion of the 92' - 100' radius did not go to the radius point due to the property line, Niagara Mohawk poles, the railroad tracks and also a drainage swale. The Contractor excavated to the toe of slope on the south side of the berm. Excavation in the eastern portion was limited in the immediate area located near the groundwater monitoring well.

The Contractor cut and felled the three large cottonwood trees located in the initial excavation area. The roots were grubbed to a depth of approximately 5 feet. The roots and wood were loaded into dumpsters and removed from site. The roots and wood were included in the 428 tons of C & D debris.

On December 21, 2000, as the initial excavation was completed, URS collected four composite, post-excavation samples: one composite sample from the bottom of the excavation area, and three composite samples from the sidewalls. The four samples were sent to Waste Stream Technology, a NYSDOH-certified laboratory, where they were analyzed for total chromium content. The results were compared to the total chromium action level for this project, 50 parts per million (ppm). The results of samples SW-1 and SW-3 indicated that some contamination remained at the perimeter of the initial excavation area; the bottom of the excavation area showed concentrations <50 ppm, and so was considered clean. The Contractor excavated additional soil to limits that URS determined in consultation with the City and <sup>EX3815.01(Word/Final Remediation Report Rev 02.doc</sup>



Because real-time decisions had to be made, it was not possible for the laboratory to submit a full, NYSDEC Category B deliverable data package during the field activities. Upon completion of the excavation activities, URS requested from the laboratory all available raw data and reporting forms so that the usability of the data could be determined. The following information was reviewed and verified to be in compliance with the requirements of Method 6010B: blank results, holding times, instrument calibration, matrix spike recoveries, matrix duplicate precision, laboratory control sample recoveries, and analysis sequence requirements. In addition, the reported sample results were verified from the raw data. All calibration, blank results, and quality control (QC) sample results were within USEPA Region II validation criteria, and no qualification of the data was necessary. All data are usable as reported.

#### 4.0 CONSTRUCTION MONITORING

A URS Inspector was on site whenever the Contractor was working. The Inspector observed and documented that the Contractor complied with all contract requirements, including all environmental protection measures.

The Contractor monitored air quality in accordance with the contract documents. Results were reported to URS' Inspector daily. No exceedances of action levels were detected.

Copies of the inspector's reports are contained in Appendix F to this report, and copies of his log are contained in Appendix G. Copies of photographs taken during the construction activities are included in Appendix H.

#### 5.0 COST

Table 2 contains a breakdown of the final cost of the remedial construction at the LBP site. The final cost, \$102,553, is less than the base bid price of \$143,400, due principally to the reduction, below the bid quantity, of the actual quantity of C&D debris and contaminated soil removed from the site.

#### 6.0 DEED RESTRICTION

The Deed restriction as required by the Record of Decision is included in Appendix I

## TABLE 2

# FINAL REMEDIAL CONSTRUCTION QUANTITIES AND COSTS

# <u>Base Bid</u>

Bid	Description	Units	Bid	Final	Final Cost				
Item			Quantity	Quantity					
1.	Mobilization/Demobilization	LS	1	1	\$18,000.00				
2.	Clearing and Debris Disposal	Ton	1,000	428	18,404.00				
3.	Excavation and Disposal of	Ton	2,000	1388.77	43,051.87				
	Contaminated Soil								
4.	Backfill with Clean Soil	CY	1,200	1,224	18,360.00				
5.									
Subtotal, Base Bid Items \$100,061.47									
	<u>Cha</u>	nge Orders							
1. Overpa	ck and Move Drum				\$ 246.00				
2. Analyz	e Drum Contents				900.00				
3. Dispose of Drum 325.00									
4. Additio	nal Contaminated Soil Excavation	Costs			1.021.00				
			TOTAL, A	LL ITEMS	\$102,553.47				

# 7.0 Institutional Control Plan

Institutional Controls must me implemented and maintained at the property in accordance with the requirements of the remediation State Assistance Contract (SAC) No. C301632 and the New York State Brownfield program.

# 7.1 Development Conditions

The following conditions shall be adhered to during the development of the subject property:

- Complete surface coverage of redeveloped parcel, prior to occupancy. Surface cover will be placed by the developer as a pre-condition of occupancy and will include pavement, buildings and a vegetated "clean" soil cover.
- Control of surface erosion and run-off during development of the property or parcel, including all construction activities.
- Criteria for determining the acceptability of off-site borrow sources for the final "clean" cover soil are based on values provided in NYSDEC TAGM #4046.
- Deed restrictions shall be implemented in accordance with the requirements of the deed specified in Section 6.0 of this report.
- The property shall not be used for any purpose other than the following: commercial /industrial uses contained within buildings, parking, streets, or public safety facilities, without prior written approval by the NYSDEC.
- Excavated soil from the site ( such as for foundations, utilities etc.) may placed on the site as fill, graded and covered with topsoil and seeded as described below. Site soil that is excavated and is intended to be removed from the property must be managed, characterized, and properly disposed of in accordance with NYSDEC regulations and directives.

# 7.2\_\_\_\_Final Site Surface Coverage

Surface coverage over the entire redeveloped parcel will be required by the developer or owner as a pre-condition of occupancy. Surface coverage will consist of a layer of topsoil with a vegetative cover (ie: grass), asphalt or concrete paving or buildings with concrete floors.

• Topsoil used for the final cover shall be fertile, friable, natural loam surface soil, capable of sustaining plant growth, free of, clods of hard

earth, plants & roots, sticks or other extraneous material harmful to plant growth.

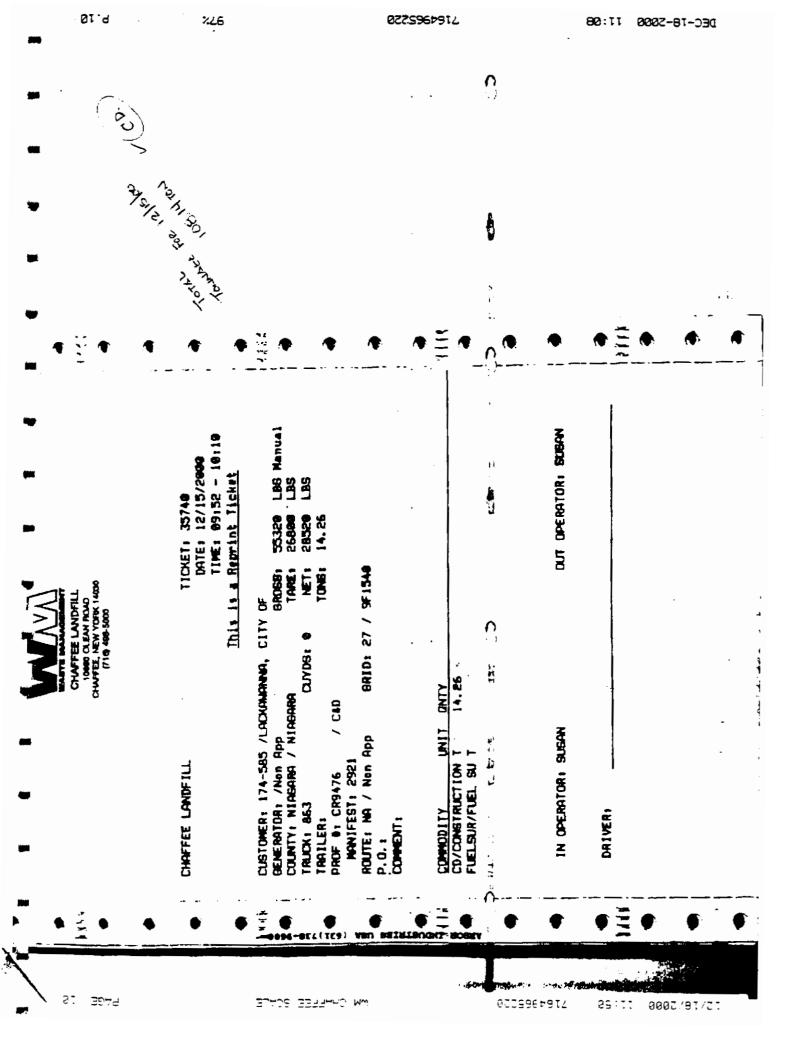
- Topsoil shall be from an acceptable borrow source free of industrial and/or other potential sources of chemical contamination.
- The developer shall provide the location of the borrow source and sample of the topsoil for approval by the City prior to delivery on site.

# 7.3 Reporting

• The City/Owner shall complete and submit to the Department an Annual Report by January 15<sup>th</sup> of the following year. The Report shall be submitted until the Department notifies the City/Owner in writing that the remedial process has been completed. Such annual report shall contain certification that the institutional controls put in place, pursuit to the Final Remediation Report dated March 2001, are still in place, have not been altered and are still effective. A copy of the recommended NYSDEC Certification form is attached as Appendix J.

# APPENDIX A C&D DEBRIS: WEIGH TICKETS, WASTE PROFILE, AND WASTE MANIFESTS

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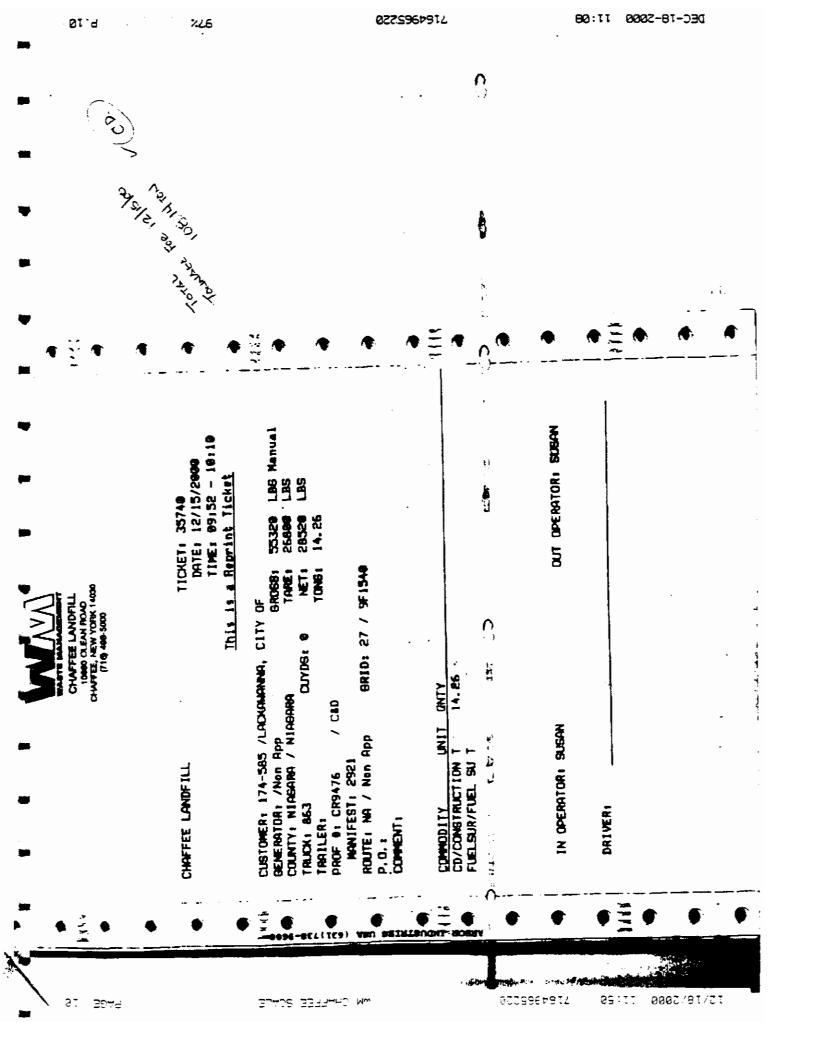
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GENERATOR: /Non App	GROSS:	68280 LBS
COUNTY: NIAGARA / NIAGARA	TARE:	27020 LBS
TRUCK: LCA30 CUYDS: 0	NET:	41260 LBS
TRAILER:	TONS:	20.63
PROF #: CR9476 / C&D MANIFEST:		
ROUTE: NA / Non App GRID: 27 /	9F1540	
P.O.:		
COMMENT:		

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	20.63
FUELSUR/FUEL SU	Т	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSA:

DRIVER:

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CHAFFEE LANDFILL	TICKET: 36009 DATE: 12/18/2000 TIME: 14:40 - 15:05
TRUCK: LCA15 CUYDS; 0	GROSS: 60120 LBS TARE: 28180 LBS NET: 31340 LBS TONS: 15.97
COMMODITY UNIT ONTY FUELSUR/FUEL SU T CD/CONSTRUCTION T 15.97	
IN OPERATOR: SUSAN DRIVER:	OUT OPERATOR: SUBAD

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,	CHAFFEE LANDFILL	TICKET: 35915 DATE: 12/18/2000
:		TIME: 09:10 - 09:28
	CUSTOMER: 174-585 /LACKAWANNA, CITY GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TRUCK: LCA40 CUYDS: 0 TRAILER: PROF #: CR9476 / C&D MANIFEST: 2929 ROUTE: NA / Non App GRID: 27 / P.O.: COMMENT:	GROSS: 71980 LBS TARE: 27900 LBS NET: 44080 LBS TONS: 22.04
	COMMODITY UNIT ONTY CD/CONSTRUCTION T 22.04 FUELSUR/FUEL SUIT	<u></u>
	IN OPERATOR: SUSAN	OUT OPERATOR: SUSAU
-	DRIVER:	40
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 CHAFFEE LANDFILL	TICKET: 35925 DATE: 12/18/2000 TIME: 10:08 - 10:∃→
CUSTOMER: 174-585 /LACKAWANNA, CITY GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TRUCK: LCA30 CUYDS: 0 TRAILER: PROF #: CR9476 / C&D MANIFEST: 2931 ROUTE: NA / Non App GRID: 27 / P.O.: COMMENT:	GROSS: 67390 LBS TARE: 27180 LBS NET: 40200 LBS TONS: 20.1
 COMMODITY UNIT ONTY CD/CONSTRUCTION T 20.1 FUELSUR/FUEL SU T	
IN OPERATOR: SUSAN DRIVER:	OUT OPERATOR: SUSAN

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:	CHAFFEE LANDFILL	TICKET: 35928 DATE: 12/18/2000 TIME: 09:43 - 10:35
	CUSTOMER: 174-585 /LACKAWANNA, CITY GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TRUCK: LCA25 CUYDS: 0 TRAILER: PROF #: CR9476 / C&D MANIFEST: 2930 RCUTE: NA / Non App GRID: 27 / P.C.: COMMENT:	GROSS: 73500 LBS TARE: 28460 LBS NET: 45040 LBS TONS: 22.52
	COMMODITY UNIT ONTY CD/CONSTRUCTION T 22.52 FUELSUR/FUEL SU T	
	IN OPERATOR: SUSAN DRIVER:	OUT OPERATOR: SUSA:



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	CHAFFEE LANDFILL	TICKET: 35941 DATE: 12/18/2000 TIME: 10:43 - 10:59
	COUNTY: NIAGARA / NIAGARA	GROSS: 63280 LBS TARE: 27340 LBS NET: 41940 LBS TONS: 20.97
	P.O.: COMMENT:	ישאי נוג זיי
	COMMODITY UNIT ONTY CD/CONSTRUCTION T 20.97 FUELSUR/FUEL SU T	
) 	IN OPERATOR: SUSAN	DUT OPERATOR: SUSAN
	DRIVER	<u> </u>



CHAFFEE LANDFILL	TICKET: 35959 DATE: 12/18/2000 TIME: 11:19 - 12:11	
CUSTOMER: 174-585 /LACKAWANNA, CITY GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TRUCK: LCA15 CUYDS: 0 TRAILER: PROF #: CR9476 / C&D MANIFEST: 2932 ROUTE: NA / Non Aps GRID: 27 / P.O.: COMMENT:	GRDS3: 66460 LBS TARE: 28040 LBS NET: 38420 LBS TONS: 19.21	
 COMMODITY UNIT ONTY CD/CONSTRUCTION T 19.21 FUELSUR/FUEL SU T		•
IN OPERATOR: SUSAN	OUT OPERATOR: JENNY J	
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	CHAFFEE LANDFILL	TICKET: 35962 DATE: 12/18/2000 TIME: 12:01 - 12:30
**************************************	· · · · · · · · · · · · · · · · ·	GROSS: 71060 LBS TARE: 26980 LBS NET: 44080 LBS TONS: 22.04
· · · · · · · · · · · · · · · · · · ·	COMMODITY UNIT ONTY CD/CONSTRUCTION T 22.04 FUELSUR/FUEL SU T	
	IN OPERATOR: SUSAN DRIVER: Lin Music	DUT OPERATOR: JENNY 1203
	·	

CHAFFEE LANDFILL 10560 OLEAN ROAD CHAFFEE, NEW YORK 14030 (716) 498-5000 . CHAFFEE LANDFILL TICKET: 35972 DATE: 12/18/2000 TIME: 13:09 - 13:22 CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 61280 LBS CCUNTY: NIAGARA / NIAGARA TARE: 27160 LBS TRUCK: LCA30 CUYDS: 0 NET: 34120 LBS TRAILER: TONS: 17.06 PROF #: CR9476 / C&D

MANIFEST: 2942 ROUTE: NA / Non App GRID: 27 / 9F1540 P.D.: COMMENT:

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COMMODITY	UNIT	ONTY	 
CD/CONSTRUCTION	Т	17.06	
FUELSUR/FUEL SU	Т		

IN OPERATOR: SUSAN OUT OPERATOR: SUSAN When Wy DRIVER:



CHAFFEE LANDFILL			TICK DA		3601 12/1	-	ୟାହ
			ŢI	ME:	15:)	1 -	15:29
CUSTOMER: 174-585 /LACKA	IANNA.	CITY	QF				
GENERATOR: /Non App			GROSS:	653	60 I	BS	
COUNTY: NIAGARA / NIAGARA	a l		TARE:	263	60 I	_BS	
TRUCK: LCA28	CUYDS:	ହ	NET:	3844	20 I	_BS	

TRAILER: TONS: 19.2 PROF #: CR9475 / C&D MANIFEST: 2954 ROUTE: NA / Non App GRID: 27 / 9F1540 P.O.: COMMENT:

COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	т	19.2
FUELSUR/FUEL SU	т	

IN OPERATOR: SUSAD

DUT OPERATOR: SUIS.

DRIVER:

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CHAFFEE LANDFILL		TICH	ET: 360	124	
		DA	TE: 12/	18/200	00
		TI	ME: 15:	24 - 1	E : 06
CUSTOMER: 174-585 /LA	CKANANNA. CITY	OF			
GENERATOR: /Non App	,	GROSS:	64120	LBS	
COUNTY: NIAGARA / NIA	GARA	TARE :	26860	LBS	
TRUCK: LCA25	CUYDS: 0	NET:	37260	LBS	
TRAILER:		TONS:	18.63		
PROF #: CR9476 /	C&D				
MANIFEST: 2936					
ROUTE: NA / Non App	GR1D: 27 /	9F1540			
P.O.:					
COMMENT:					

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COMMODITY	UNIT	QNTY
CD/CONSTRUCTION	T	18.63
FUELSUR/FUEL SU	т	

Bush IN OPERATOR: SUSAN

OUT OPERATOR: SUSA.

DRIVER:

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CHAFFEE LANDFILL	TICKET: 35992 DATE: 12/13/2000 TIME: 14:07 - 14:28
CUSTOMER: 174-585 /LA GENERATOR: /Non App COUNTY: NIAGARA / NIA TRUCK: LCA27 TRAILER: PROF #: CR9476 / MANIFEST: 2947 ROUTE: NA / Non App P.O.: COMMENT:	GROSS: 64380 LBS MGARA TARE: 27240 LBS CUYDS: 0 NET: 37140 LBS TONS: 18.57 C&D
COMMODITY UNIT CD/CONSTRUCTION T FUELSUR/FUEL SU T	
IN OPERATOR: SUSAN DRIVER:	DUT OPERATOR: SUSAN

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	LAIKE FRONT	473
	RECYCLING INC.	
	- LOAD TICKET	Date_1/8/01
	Plant:	Office
	2 N. Steelawanna Avenue	303 Hopkins Street
	Lackawanna, NY 14218	Buffalo, NY 14220
	9 City Line South	(716) 821-9100
	Buffalo. NY 14220	(716) 821-9102 Fax
	Customer SLC Confirme	Lors
	Job Site A Street	Ticket #
	Trucker: <u>LFR</u>	Truck #:
	. Truck Type: Coll all	<b></b>
		Plate #:
	Load Stee44 (3 look	Tons Yards Other
	Material Type: 🗌 Waste Wood	Greenery 🗍 Fill 🗌 Other
	Describe 3 40-yard Co	mainers picted
	is a job-sile 12/	7/00 2 loods -6
•	1/2/0, 1 lad -	Volal Tomace 44 Tons
•		
	CHARGE CASH S	CHECK #
	Limited Liability - Waste Material Acknowledges	
	posed of by Lake Front Recycling, Inc. pursuant	to this agreement is all recyclable materi-
	als generated by the Customer. Waste material s they did not depost any radioactive, volatile, co	perifically excludes and Customer agrees
÷	- medical infectious, biohazardous material as de	fined by applicable federal, state, provin-
	dal or local terrs or regulations.	•
	Driver's Signature	
	- Load Inspected By:	<b>-</b>
	wait inspatient by:	

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VET JAJA-	TARK 33500	1991年1月1日(1991年) 1991年(1991年) 1991年(1991年) 1991年(1991年) 1991年(1991年) 1991年(1991年) 1991年(1991年) 1991年(1991年) 1991年(1991年)	TICKET #1170

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י דובי וייזי NEI Witherer Station Brasdeli Casella Waste Management NEI Traffer - 3675 Jeffirey Hve GENERATOR: NA / Nor App GRIGIN: NA / Nor App VIASTE CUSTOMEN: 5904882 / HURON RECOVERY OF N/ 140 Blasde!! i certify that I have not disposed of any light of basardous waste - 15N / 100E COMMENT: TRAILER: . TRUCK: 4206-30 17日、小市計コロリョア、江口を商口に Ż ..... BOLL OFF JUSTONERS (716) 824-9750 • REPEALE LICENSE: 한곳(17) 11년 14 <u>CUANTI I</u> Weighaaster -7.78 Ţ, . ---; ; ្សាល់ ភូមិលំខ្លះ ភូមិលំខ្លះ ភូមិលំខ្លះ TARES 신민구성 1710121 DATE: 12/20-Survey TIME: 10:465 - 0-11-1 10\_11\_10\_11\_11\_11 48720 188 18720 188 15560 583 11060

01/12/2001 15:06 7108243700 NC -1.00 NE! 69 NORK ORDER Agenent's on going effort to provide SHITEL CTG Hork orderce 28.87 BLASDELL Dret 2074 9 ervice we must a trink you agree 4 Action Date: 12/15/00 Route coder 30 41 Trucks **Dill To** Service Address SLC ENVIRONMENTAL SERVICE CORNER A L DONA ST 295 HILL ST LACKAHANNA NY 14218 LOCKPORT .C. 14094 . NY ::: n 44, 1. Created by: PFROST 716 998-6054 647. ..... Ln# Date 182 00 Qty Description :" Asount ÷.: 01 12/15/00 30 OL 30 YD OT D & R/ C & D 1.14 23 -¢, 3 CANS /TIRES/CLD Customer Signatures Driver Signature: SCHULTZ LANDFILL FICKET: 5360 3675 JEFFERY ALVO DATE: 12/15/2000 TIME: 15:12 - 15:29 BLASDELL, NY 14219 Non-Fel: 7:00AH-4:00PH PHONE:681-6874 P.O.: CUSTONER: INEL / INBOUND HEL EPOSS: 40100 LBS MARUAL TARE: 31220 LBS VEISHT SENERATOR: NA / Non APP PROFILE 4: NA DRIGIN: NA / Non APP TRUCK: 4214 TRAILER: / LICENSE: NET: 8880 LBS CONNENT: 6074-9 <u>Man Tir</u> 4001 / CONSTRUCTION & DEMOLITION 4.44 4,44 CEPTERY THAT I HAVE NOT DESPOSED OF ANY LEGULD OF HATAPOONS WASTE HEIGHMASTER III: SEALE E PORALE SH 的一切任 3: 20304LE 38 P. 02 99 Y 7168243768 JAN-12-2001 15:19

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v v	DIAMOND H 267 Mari	URVVI I Z illa Street (Wa			NC.	
	Bu	iffalo, NY 142	20			
	Phone (716) 82	3-2003 • Fax	(/10)8	24-41 <b>54</b>	].	
PLATE	* <u>Tx8758</u>	DA	te _/	2/27/	60	
NAME	Artmieir	Trucki	n.	· · · · · · · · · · · · · · · · · · ·	يد ديد <u></u>	
STREET_	Hopkins St.		ð		• 1	
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# WARTE MANAGEMENT GENERATOR'S WASTE PROFILE SHEET CHAFFEE LANDFILL

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				PLIASE PRINT IN P	COR TYPE	Profile Number: V	nu CR94
			nu Dues Dano			Renewai Date:	
			Hanardous TSI	CA			
		laum Cenemica Ior	anaton		· · · · · · · · · · · · · · · · · · ·		
		Generator Name:	Con a Lu			Cont	
			A Ster	T - DOULK S		MRK (710)	9.36
		Facility City: <u> </u>	CKUSand	4218		nerator USEPA/Federal	DI
9	).	County E	RIE		10. 50	aterProvince ID #.	
1	11.	Customer Name:	SLC EMERAN	WEAL SERVE	5 12 0	stoner Phone: R	
		Customer Contact				stomer Fax	Same a
	13. 5 T T	Auto Science Infor	S HILL GT., LA	KOPOLIT NY 14	77		
		Cenception					
		a. Name of Waster					
		b. Process Genera	UNG WIRSKE	TELOLITY	24		
		C. Color	5. Strong oder	A. Physical I		1. Layers	g. Fram Rouid
	H	Black	(describe):	Gas		Multi-layer	
	F	GALAN			Conne		h. pHi Range
				_		1	6
	-	i. Liquid Flant Po	at 1-2345 737	3-99 F 100-1	STATE CH	19-199"F De 200"	Not applica
		j. Chemical Comp		ALL FARLING THEFE		, and UNC s) preserve in any co	Action and Income
				ndyuidi:			
	Γ	Constituents		nontration Range	Consta	18535	Concentratio
	F	CONCRETE	C*D CAD	10-50%			
	E	MASONARY	C+D	10- 15%			1
	<u> </u>	14JOOD	CAD	10-15%			
			1101421	in succession we		CENCEED 100%	
		k 🛄 Coodizer			- Explosive	Radicac	
		Carcinegen	Diniectio	us l	Shock Sens	itive Owner R	sactivs
		notification? (is	tin Section B.1.B.	Fine conden any i		gens which require OSH	
						Chion 8.1.]	
			represented by this p				
		a. Lores me waste l <sup>e</sup> yts, concentre					
		is the waste sub	Net to the benzame w	ppdi vasta opsrations N	ESHAP7		
		p. Is the waste sub	jet to PCRA Subpat	CC controls?			
		lí yes, volatile o	ganic mountaion		ppinw		_
						NG237	
			COLUMN 030-13 ( 1981 3	a sector 5. Maria			<b>X</b> Y
	2.	Quantity of Waste Estimated Annual V	inh anna		Tear The		
			1500	- REN		rts Dooms Dothe	r specify?
:	3	Shipping Information					
		<ol> <li>Packaging: Slight Solid: To</li> </ol>		The Test	r	Bulk Liquic Type Size	r
		Dram: Type:				Cther.	
		b. Shipping Freque	may: Units	۶			ne tima
			15	<u>~</u>	tier	_	
		c. (s inis a U.S. De 4. Reportable Dua	pariment of Transpot	tation (USDOT) Ha	IZECOUS Hate	5621? (11 no. 552 d, e, an	d ()
		(. USDOT Shidoo			¥. FG	azard Classifi *:	
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DEC-14-2000	10:40	SL.(
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## SLC ENVIROMENTAL SERVICES WASTE MANAGEMENT GENERATOR'S WASTE PROFILE SHULL P. 03/03 CHAFTEE LANDFUL

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C. (st kie S. (st Kyr and 4. Ook 8 Do 8 Do 8 Do 8 Do 8 Do 8 Do 8 Do 8 Do	(Unital) apply? (if yo Constitute watte can Comparison - 8.1.). this a state instantions on whith ALL state instantion whith ALL state in	e, fist in Seelien B.1. Ide debigs? (If yes, I weste? usthon tegenetics a usthon tegenetics a usthon (RCDD), 1047 of Clarmon, provide ad by this weste pro- tegelatory Councies and by this wester pro- and by the tegelatory councies and by this wester pro- tegelatory councies and by the tegelatory councies and by tegelatory councies and	B Status and type I mists coular montion B) or state (Margint docume Re sheet docume Typis, Hat in Chan 17 	n Churnical a marrights chan-up r each other fut ye mission radicactive material concentrations of Po nical Camponiton - (	er is eispesa frehleinater		0 
L is to k is the R ye and k Oot Sig 3 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5	Composition - 8.1.). this a state hazardous n nity ALL state hazardous nity ALL state hazardous nity ALL state hazardous has vests from a CERC at alexch Record of De Nity. For state condet internet by the hacker is the vests represented benyts (RCER) represented benyts (RCER) represented benyts (RCER) represented benyts (RCER) represented the vests profile share cardal, and has strates peched imaging percenter	Autoria and a static and a stat	Histo Cocles Henrics (3) or state (all or 122 order 5 Indevent docume Re sheet docume Type, that in Chan 17 17 17 17 18 10 10 17 17 10 10 10 10 10 10 10 10 10 10 10 10 10	n mandigtoid chen-up ir each ontiar suit gu nithtion. raidfcactive Material. concentrations of Po nicol Camponiton - 1	er is eispesa frehleinater		□ves () □ves () □ves ()
kier k is ti fyt active ac	nity ALL state inspirit In weeks from a CERC at stack Record of De May. For state monidation at the weeks represent to the weeks profile state (and, and has strates) proceed inspirits person	Austrian Ingenetication (A) (40 CFR 300), 1047 of closen-up, provide ad by this weath pro- legislatury Convolusion at by this weath pro- inguislatury Convolusion at by 40 CFR 7817 ( ingoriget two line U S and all attachemics but information with	Hondia B) or stad Olf or 122 order 8 Indevent Cocurse Re sheet contain / Ion?	r coot atler fut ye nillion. raticache Inderie, raticache Inderie, raticache Inderie, raticache Inderie, ratica Campanion - I	er is eispesa frehleinater		⊡ves §
H ya ada ada ada ada ada Bial Ada Bial Ada Bia Bia Bia Bial Ada Bia Bia Bia Bia Bia Bia Bia Bia Bia Bi	ner, silanch Raccard of De helly. For state monoide as the wester represent installe by the Nuclear i as the weste represent henyte (PCBs) represent benyte (PCBs) represent benyte (PCBs) represent the wester profile sheet (and, and has strates) peched immerch percent	Artistian (RCCD), 1047 of class-up, provide ad by this wants pro- legislatory Conucles at by this wants pro- a by 40 CAR 7617 Incortest into the U S and all attacker-units at information with	International Contents of International Contents of International Contents of International Contents of Types, that in Chan International Integrated International Integrated International Integrated International Integrated International Integrated International Integrated International Integrated International Integrated International Integrated International Integrated Integra	r coot atler fut ye nillion. raticache Inderie, raticache Inderie, raticache Inderie, raticache Inderie, ratica Campanion - I	er is eispesa frehleinater		_
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3 Da 3 Da 1111 345	Renyis (PGBR) reputes 8 yes, ware the PGE: 4 the waste profile sheet center, and has at relevy peched maxing pergin	it by 40 GAR 7617 ( incorted 140 line U S and all allochmenic wit information with	Typis, Not in Chan i.7 i contain true and I The consequier (	nical Composition - (	lychionistet 3.1.8		Type 4
ravi Sus f. wa	landi, and has straten special incards partici-	we information with	t the possession (	Son case of such days		July - States	
to t			n discipsed to the	of the Generalty rate	and a second second		52MES
<b>W1</b>	a stanges which and	ur in the character o	I the wester on ide	willing by the Gener	ator and misciand		
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	ste Decision					alam Type Approved	Cisa;
alesearas					// Dat		

Waste Management of New York, LLC	Permit 9A
10860 Olean Road Chaffee, New York 14030-9799	WASTE MANIFEST
(716) 496-5000	
-	No. 2921
Date:	
Generator: LackAwAnna Business	Die F
-	
<u>NYSDEC B-0080-9</u>	
2560 HomBurg turnpike Looka	Warna NY
Waste	
Description: $C+D$	
	•
Driver:	Truck #: <u>B-63</u>
·	
TSDF Facility:	
Received By:	Date:
THE REAL PROPERTY AND A CARD OF A SECOND OF AS	
Waste Management of New York, LLC	Permit 9A
Chaffee, New York 14030-9799	WASTE MANIFEST
(716) 496-5000	No. 2922
Date: 12/15/10	Time: <b>S</b>
Generator Lackawanna Business Port	
N45 DEC B-00 80-9	
2530 HomBurg turnpike Lackau	
2560 Lomburg Tukn pike Locau	unna Ir y
Waste	<b>,</b>
Description: C+D	· · · · · · · · · · · · · · · · · · ·
Location:	Quantity:
Driver:	Truck # B-1
	Truck #: B-1 BROWN
TSDF Facility:	
-	Deter
Received By:	Date:

Waste Management of New, York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000	Permit 9A WASTE MANIFEST Nõ. 2923
Date: 12/15/10	
Generator: Lockawonna Busin. 55 Part	4
NUSDEC B-OOFO-9	·
2560 Hom Bung turnpike, Lockan	onne My
Waste Description: <u>C+D</u>	
Location:	Quantity:
Driver:	Truck #:
	Berwa
TSDF Facility:	
Received By:	Date:
Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000	Permit 9A WASTE MANIFEST 1No. 2924
Date: 12/15/00 Generator: Lockawanna Business Pari	k Time
NYSDEC B-00F0-9	
2560 HamBurg tunn Pite, Lorkou	
Waste Description: C+D	
Location:	Quantity:
Driver	Truck #: <u>B-63</u>
	Brown
TSDF Facility:	
Received By:	Date:

Waste Management of New York, LLC	Permit 9A
10860 Olean Road	WASTE MANIFEST
Chaffee, New York 14030-9799 (716) 496-5000	
	No. 2925
Date: 12/15/00	Time: 11 55 Am
Date Jockey Jours R. A. Brak	
Generator: Lockowonna Busin-si Park - N4SDEC B-00F0-9	
= <u>N95DEC 13-0070-7</u>	
2500 How Bung turn Ata, Lockawia	una mg
Waste	
Location:	Quantity:
• Driver:	Truck #: B- 1 Brown
	Brown
	· · · · · · · · · · · · · · · · · · ·
TSDF Facility:	
wReceived By:	Date:
Waste Management of New York, LLC . 10860 Olean Road	Permit 9A
Chaffee, New York 14030-9799	WASTE MANIFEST
(716) 496-5000	1No. 2928
Date: 12/15/00	Time:PM
Generator: Lacka wanna Business Park	
NYSDEC BOOF0-9	· · · · · · · · · · · · · · · · · · ·
2560 How Burg turn Pike, Lock owa.	ina My
	/
Description: C+D	
Location:	Quantity:
Driver	Truck #: <u>B - 4/2</u>
TSDF Facility:	
	Data
Received By:	Date:

Waste Management of New York, LLC	Permit 9A
10860 Olean Road Chaffee, New York 14030-9799	WASTE MANIFEST
(716) 496-5000	Nõ. 2927
Date: 12/15/00	
Generator Lockowanna Busines Pork	· · · · · · · · · · · · · · · · · · ·
NYSDEC BOORD-9	·
2580 Han Bung tom Pike, Lacka Wann	non my
Waste Description: <u>C+O</u>	<u></u>
Location:	Quantity:
Driver:	Truck #:3 - /
	BRIWN
TSDF Facility:	
Received By:	Date:
Waste Management of New-York, LLC.	
10860 Olean Road	Permit 9A
Chaffee; New York 14030-9799 (716) 496-5000	WASTE MANIFEST
	T
= 12torles	
Generator: Lockaulama Besin-s, Park	
NYSDEL BODSO-9	
2560 Hom Bang tunnPike, Locka wani	- Mey
Waste Description: <u>C</u> チン	
Location:	Quantity:
Driver:	Truck #:
	Brown
TSDF Facility:	······································
Received By:	Date:

Waste Management of New York, LLC rermit уА 10860 Olean Road 2147 WASTE MANIFEST Chaffee, New York 14030-9799 77030 (716) 496-5000 No. 2929 30 Am Date: Time: Kaubana Busince's an Generator: KIYS -0020-9 FC Lock. TURNDIKE 250 m 4 Bung 5 Waste 6 Description: 22.04 ÷ Location: Quantity: \_ L-40 Driver:\_\_ Truck #: \_ LCA . . TSDF Facility: Received By: Date: Permit 9A Waste Management of New York LLC-= 10860 Olean Road - Z -WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2930 25 Date: D Time: Generator: Lockaulanne. BUSIA-55 NYSDEC B-DOFO-2560 TurnAlta ach My Waste Description: C+D Quantity: 35922 Location: . Truck #: \_\_\_\_\_\_\_\_ Driver: LCA TSDF Facility:. Received By: . Date:.

	Permit 9A
10860 Olean Road Chaffee, New York 14030-9799	WASTE MANIFEST
(716) 496-5000	No. 2931
	(30, 12)
Date: 12/18/00	
Generator: Cacka Wunner Business Port	Lodo # 2
NYSDECB 00 80-9	
280 Honburg turnpike Lack, NY.	· 2/I]
Waste Description:	35925
Location:	Quantity:
Driver:	Truck #: 4 - 30
	LCA
TSDF Facility:	
Received By:	Date:
and the second secon	
Waste Management of New York, LLC	Permit 9A
Waste Management of New York, LLC 10860 Olean Road Chaffee; New York 14030-9799	
Waste Management of New York, LLC 10860 Olean Road	Permit 9A
Waste Management of New York, LLC 10860 Olean Road Chaffee; New York 14030-9799	Permit 9A WASTE MANIFEST
Waste Management of New York, LLC 10860 Olean Road Chaffee; New York 14030-9799 (716) 496-5000	Permit 9A WASTE MANIFEST
Waste Management of New York, LLC 10860 Olean Road Chaffee: New York 14030-9799 (716) 496-5000 Date: 1/18/00 Generator: Locknub Arm. Busines's Presk	Permit 9A WASTE MANIFEST
Waste Management of New York, LLC 10860 Olean Road Chaffee; New York 14030-9799	Permit 9A WASTE MANIFEST
Waste Management of New York, LLC 10860 Olean Road Chaffee: New York 14030-9799 (716) 496-5000 Date: 1/18/00 Generator: Locknub Arm. Busines's Presk	Permit 9A WASTE MANIFEST
Waste Management of New York, LLC 10860 Olean Road Chaffee: New York 14030-9799 (716) 496-5000 Date: 12/18/00 Denerator: Lock a up and Business Prick NYSDEC B-5050-9	Permit 9A WASTE MANIFEST
Waste Management of New York, LLC 10860 Olean Road Chaffee: New York 14030-9799 (716) 496-5000 Date: 12/18/00 Denerator: Lock a up Arm Business Peak NYSDEC B-00E0-9 Naste	Permit 9A WASTE MANIFEST
Waste Management of New York, LLC 10860 Olean Road Chaffee; New York 14030-9799 (716) 496-5000 Date: WIR/GO Senerator: Locknown Business Prok NYSDEC B-0050-9 Naste Description: CHD	Permit 9A WASTE MANIFEST $1N_{0}$ 2932 Time $Lood \pm 5$
Waste Management of New York, LLC 10860 Olean Road Chaffer: New York 14030-9799 (716) 496-5000 Date: W18/00 Generator: Lock nuo non Business Presk N45DEC B-00E0-9 Naste Description: CHD .ocation:	Permit 9A WASTE MANIFEST ING. 2932 Time: Lood $\pm 5$ Quantity: <u>19.21 Yon</u>
Waste Management of New York, LLC 10860 Olean Road Chaffer: New York 14030-9799 (716) 496-5000 Date: Wilkloo Benerator: Lock nuo nem Bus inors Prick N45DEC B-00E0-9 Naste Description: CHD Location:	Permit 9A WASTE MANIFEST $1N_{0}$ 2932 Time $Lood \pm 5$
Waste Management of New York, LLC 10860 Olean Road Chaffee: New York 14030-9799 (716) 496-5000 Date: 12/18/00 Denerator: Lock a up Arm Business Peak NYSDEC B-00E0-9 Naste	Permit 9A WASTE MANIFEST 12N5 2932 Time Load $\pm 5$ Quantity: $\frac{19.214}{4}$ Truck #: $A-15$
Waste Management of New York, LLC 10860 Olean Road Chaffer: New York 14030-9799 (716) 496-5000 Date: Wilkloo Benerator: Lock nub nem Business Prick N45DEC B-00E0-9 Naste Description: CHD Location:	Permit 9A WASTE MANIFEST 12N5 2932 Time Load $\pm 5$ Quantity: $\frac{19.214}{4}$ Truck #: $A-15$

	rermit 9A
10860 Olean Road Chaffee, New York 14030-9799	WASTE MANIFEST
(716) 496-5000	No. 2933
	2933
blide	<u> </u>
Date: 14/14/00	Time:
Generator: Cackausona Business Parts	(oao # 4
NYSDEE B-00 50-9	
	···
Waste	
Description: (+1)	20.97 ton
Location:	Quantity:
Driver tym ti	Truck # 1-2-7
	ict
TSDF Facility:	
Received By:	Date:
Received by	
Waste Management of New York, LLG	Permit 9A
R. 「「「「「「「「「」」」」、「「」」、「「」」、「「」」、「「」」、「「」」	
10860 Olean Road	
10860 Olean Road Chaffee, New York, 14030-9799	WASTE MANIFEST
10860 Olean Road Chaffee, New York, 14030-9799 (716) 496-5000	WASTE MANIFEST
Chaffer, New York, 14030-9799	WASTE MANIFEST
Chaffee, New York, 14030-9799 (716) 496-5000	No. 2934
Chaffee New York 14030-9799 (716) 496-5000 Date: $12/18/00$	WASTE MANIFEST
Chaffee New York 14030-9799 (716) 496-5000 Date: 12/18/00 Generator: Lockalianna Busines Dock	No. 2934
Chaffee New York 14030-9799 (716) 496-5000 Date: 12/16/00 Generator: Lockauanna Business Dack NYSDECB0080-9	No. 2934
Chaffee New York 14030-9799 (716) 496-5000 Date: 12/18/00 Generator: Lockalianna Busines Dock	1N6. 2934
Chaffee New York 14030-9799 (716) 496-5000 Date: 12/16/00 Generator: Lockalianna Business Dack NYSDECB0080-9 2560 Hamburg Furn Pitce Lock	1N6. 2934
Chaffee New York 14030-9799 (716) 496-5000 Date: 12/18/00 Generator: Lackalianma Business Pack NYS DECBOOSO - 9 2560 Hamburg Jurn Pitre Lock Waste	1N6. 2934
Chaffee New York 14030-9799 (716) 496-5000 Date: 12/14/00 Generator: Lockalianna Business Dack <u>NYSDECBOOSO - 9</u> 2560 Hambulg TurnPike Lock Waste Description: (+1)	Mo: 2934 <u>Time: 6000 FZ</u> <u>My</u> <del>#</del> 35962 22 11
Chaffee New York 14030-9799 (716) 496-5000 Date: 12/18/00 Generator: Lackalianma Business Pack NYS DECBOOSO - 9 2560 Hamburg Jurn Pitre Lock Waste	MG: 2934 Time: 600 FG MY #35962 Quantity: 22.04
Chaffee New York 14030-9799 (716) 496-5000 Date: 12/16/00 Generator: Locka Longa Business Dock NYSDECB0080-9 2560 Hombulg Furger Pitce Lock Waste Description: (+1)	My Time: 60056 My #35962 Quantity: 22.04 Truck # 4-26
Chaffee New York 14030-9799 (716) 496-5000 Date: 12/14/00 Generator: Lockalianna Business Pock NYSDECBOORD-9 2560 Hambulg Jurn Pite Lock Waste Description: <u>(+)</u> Location:	M 4 Time: 600 FG M 4 #35962 Quantity: 22.04
Chaffee New York 14030-9799 (716) 496-5000 Date: 12/16/00 Generator: Lockalianma Business Pock NYSDECBOORD - 9 2560 Hambulg Jurn Pitre Lock Waste Description: <u>C+D</u> Location:	M. 2934 Time: 60056 M. 4 #35962 Quantity: 22.04 Truck # 4-26
Chaffee New York 14030-9799 (716) 496-5000 Date: 12/16/00 Generator: Lockalianna Business Pack <u>NYSDECBOOSO-9</u> 2560 Hambulg TurnPite Lock Waste Description: <u>C+D</u> Location:	My Time: 60056 My #35962 Quantity: 22.04 Truck # 4-26

.Waste Management of New York, LLC Permit 9A Ld 12 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 .. No. 2936 Time: 1N 155 OUT 2 30 12-18-00 Date: Lackawanna Business Fark Generator: • 'S. DE. B-10080-9 Waste 1ED Description: Quantity: Location: 4 Truck #: 2 Driver: **TSDF Facility:** Received By: Date: SUNCTION STATISTICS ste Management of New York, LLC Permit 9A 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 \_No. 2937 Date: 12.18.00 Time: IN1/20 OUT 1150 Park Generator: Lackawanna. BusiNess <u>B-0080-9</u> DEC Lack TURNAIKE Waste OED. \*Description:. Location: Quantity: Driver: Truck #: TSDF Facility: Deceived Ru Date

Waste Management of New York, LLC Permit 9A 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2942 Date: 12/18/08 Time 1625Am Generator: LACKAWAMA BUSINESS PARK N95 Dec B 0080-9 JURNPIKE LOCK N.S Burgs 2560 2 TWaste Description: Location: Quantity: WIGAN Truck #: <u>A3</u>0 VAN Driver: TSDF Facility: Received By: Date: Martin State and Article State St. Andrew Vaste Management of New York, LL Permit 9A 10860 Olean Road -----WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2943 121 Time: A. 10 Date:\_\_\_ Generator: LACKAWAUNA BUSINESS PARK NY.S Dec Books-9 HamBuic turn pike Lack N 2560 Waste Description Quantity: Location: UDDE WYGAD 30 Truck #: \_ Driver: **TSDF Facility:** D

. Waste Management of New York, LLC	Permit 9A
10860 Olean Road Chaffee, New York 14030-9799	WASTE MANIFEST
(716) 496-5000	No. 2947
	Én of
Date: 12/18/00	Time:
Generator: Lakawanno Business pArk. N950FC - B-0080-9	Lodd 7#
N950FC - B-0080-9	Load T
Waste	
Description: C+D	KIE1 -
Location:	Quantity:
Driver:Tim Tr	Truck #: A-27 =
TSDF Facility:	35992
a Bully Lin I wanted	12/18/10) -
Received By:	Date:/0 //0
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	a de la companya de La companya de la comp

### **APPENDIX B**

### DRUM: ANALYTICAL RESULTS AND DISPOSAL DOCUMENTATION

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JAN-17-20	01 10:49	SLC ENVIROMENTAL	SERVICES	716 433 0602	P.31/09
JOB	RECEIVED Greiner Woodward Cl JAN 1 7 2001 # 0500035 8/5(c : : c-D JL FAX	ENVIRON 295 Mill Street • Phone Fax:	<b>SLCC</b> MENTAL SERVICES Lockport, New York 14094 (716) 433-0776 (716) 433-0802		
-	FAX	IKANSMI	<b>FTAL COVER S</b>	neel	
TO:	JIM Mo	ליואל	DATE: 1/17/0	1 TIME:	10 <sup>35</sup> M
CO:	URS CO	RP.	FAX NO.: 851	0 2545	
FROM:	Scott Pr	SHL	PAGES (including this pag	(e) <u>:</u>	9
	E	extension 231	-		
CONFIRM	ATION UPON RI	ECEIPT: 🗆 Ye	s 🗖 No		
ORIGINAI	. TO FOLLOW V	IA: 🛛 US Mail	Overnight	Modem	<b>]</b> N/A
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WWW.SLCENVIRONMENTAL.COM

Lozier Labor D Lozier Labor D EXPRESSLA	Analytical Group atories, Inc., #10390 888 - 841 - 5227 B, Inc., #11369 800 - 843 - 5227		
LABORATO	RY REPORT - MISC		
Cust SLC ENVIRONMENTAL Address: 295 MILL STREET LOCKPORT, N.Y. 14094 Atin: SCOTT PFOHL Phone 433-0776 FAX 433-0802	PO Number: 00-119-016 Project Number: Project Cust: Project Site: Date FAXED: Lab Director		
SAMPLE DEMOGRA	PHICS AND TEST RESULTS		
Sample 1D#1(CUST)DRUMSample 1D#2(CUST)SLUDOMatrixSLUDOSampled ByLYLEDate Sampled12/28/	EMERSON 00 12:00		
Date Received         12/29/00         08:00           Date Analyzed         12/09/01         12/09/01           Date Reported         12/09/01         12/09/01			
Ignitability: Negativ	e, No flash to 140F/60C		
Corrosivity: pH=6.3			
	< 20 PPM :: < 20 PPM		
BTU 19139 B	TU/LB		
<ul> <li>&lt; DL(U)* analyzed but not detected</li> <li>L= estimated value</li> <li>B−analyte found in blank:</li> </ul>			
E=exceed calibration range			
	NESULTS WHEN YOU WANT THEM		

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LOZIER LABORATORIES, INC.

909 CULVER ROAD ROCI-IES TER. NEW YORK 14809 TILL (716) 854-8350 FAX (716) 854-8354 NEW YORK STATE APPROVED ENVIRONMENTAL LABORATORY 3 10390

Client: SLC Environmental 295 Mill Street Lockport, NY 14094

Attn: Scott Pfohl Client PO Number: 00-119-016 Date Received: 12/29/00 Laboratory No.: 11385 Report Date: 1/9/01

#### SAMPLE INFORMATION

Samplo Date: 12/28/00 Sampler: Client Matrix: Other

#### LABORATORY REPORT

Lozier Sample ID: ExpressLab Sample ID: SLC Env. Sample ID:	113851 38878 Drum		Melhod	Analysis
PARAMETER		Units	Number	Date
TCLP Arsenic	<0.005	mg/l	EPA 60108	1/5/01
TCLP Selenium	0.073	mg/i	EPA 60108	1/8/01
TELP Cadmium	<0.003	mg/l	EPA 60108	1/8/01
ICLP Chromium	0.026	mg/l	EPA 6010B	1/8/01
ICLP Barium	0.054	mg/i	EPA 6010B	1/8/01
TCLP Silver	<0.005	mg/t	EPA 60108	1/8/01
TCLP Lead	0.171	mg/l	EPA 60108	1/8/01
TCLP Mercury	<0.002	mg/l	EPA 7470	1/5/01

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J	AN-17-2001 10:49 SLC ENVIROMENT				
		nalytical Group			
		Inc., #11369 800 - 843 - 5227			
	LABORATORY H	REPORT - 8270 TCLP			
	Cust SLC ENVIRONMENTAL	PO Number: 00-119-016			
	Address: 295 MILL STREET	Project Number:			
	LOCKPORT, N.Y. 14094	Project Cust:			
	Attn: SCOTT PFOHL	Project Site:			
		Date FAXED:			
	Phone 433-0776	Lab Director			
1	FAX 433-0802	q-			
	SAMPLE DEMOGRAF	HICS AND TEST RESULTS			
	Results in bold type: Detection Limits in small print	Results shown are: TCLP 8270 Compounds			
	Detection Limits* = Water mg/L ppm	Extraction Method: EPA 3510 Liquid-Liquid			
	*See Individual Limit	Analysis Method: EPA 8270 GC/MS			
ĺ	Sample ID (LAB) 398	78			
ĺ	Sample ID#I(CUST) DRUM	·			
	Sample ID#2(CUST)				
1	Matrix SLUDGE Sampled By LYLE EM	FRON			
	Sampled By LYLE EM Date Sampled 12/28/00	12:00			
ľ	Date Received 12/29/00	08:00			
	Date Analyzed 01/03/01				
	Date Reported 01/04/01				
<u>a</u>	Results	Det Limit*			
	2-Methylphenol ( <dl(u)< th=""><th>0.013</th></dl(u)<>	0.013			
	3&4-Methylphenol <dl(u)< th=""><th>0.025</th></dl(u)<>	0.025			
7.1	Hexachlorobenzene < DL(U)	0.013			
	Hexachlorobutadiene <dl(u)< th=""><th>0.013</th></dl(u)<>	0.013			
	Hexachioroethane < DL(U) Nitrobenzene < DL(U)	0.013			
	Nitrobenzene< DL(U)	0.013			
	Pyridine (SDL(U)	0.013			
	2,4,5-Trichlorophenol < DL(U)	0.013			
	2,4,6-Trichlorophenol < DL(U)	0.013			
	2,4-Dinitrotoluene < DL(U)	0.013			
	1,4-Dichlorobenzene < <u>&lt; DL(L)</u>	3.3(3)			
,					
L	OL = Detection Limit	Page 1			
L	RESL	LTS WHEN YOU WANT THEM			

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		aboratories, 1 SLAB, Inc., #		888 - 841 - 5227 800 - 843 - 5227
LABO	RATOR	Y RE	PORT - PC	B's by 8080
Cust SLC ENVIRO Address: 295 MILL STI LOCKPORT, Attn: SCOTT PFOH Phone 433-0776 FAX 433-0802	REET N.Y. 14094		PO Number: Project Number Project Cust: Project Site: Date FAXED: Lab Director	00-119-016 :
SAMPI	LE DEMO	GRAPH	ICS AND TEST	RESULTS
Results in bold type: Detection i Detection Limits" = "See Individual Limit Sample ID (LAB) Sample ID#J(CUST) Sample ID#2CUST) Matrix Sampled By Date Sampled Date Reported Date Reported Date Reported Aruclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242	Oil-ug/kg () 3987 DRUM SLUDGE LYLE EMEI 12/28/00 12/29/00 1/3/01 1/4/01	ррь) '8	Extraction Method: Analysis Method:	3580 Wuste Dilution EPA 8080 CC wirb ECD
aroclor 1254 Aroclor 1260	< BL(U) < DL(U)	500.0 300.0		
DL(U)=snalyzed but not detected =estimated value -analyte found in blank -exceed collibration range DL = Detection Limit				

Lozier Analytical Group						
	Lozier Laboratories, Inc., #10390			- 888 - 84	11 - 5227	
			nc., #11369	800 - 84	13 - 5227	
LABOR	ATOR	YR	EPORT - ME	ГНО	D 8080	
Cust SLC ENVIRON	MENTAL		PO Number:	00-129-01		
Address: 295 MILL STR			Project Number			
			Project Cust:	•		
LOCKPORT, N						
Ann: SCOTT PFOHI			Project Site:			
-			Date FAXED:			
Phone 433-0776			Lab Director	4	P	
FAX 433-0802					/	
SAMPL	E DEMO	OGRA	PHICS AND TEST	RESU	LTS	
Results in <b>bold</b> type; Detection L	mits in small pri	nt	Results shown are:	Pesticides	only	
Detection Limits* +	Soil⊂ug/kg		Extraction Method:	EPA 3580	-	
"See Individual Limit	Water=ug/L		Analysis Method:	EPA 8080	GC ECD	
	398					
Sample 10 (LAB) Sample 10#1(CUST)	J98 DRUM	18				
Sample 1D#1(CUST)	DICUM					
Matrix	SLUDGE					
Sampled By	LYLE EME	RSON				
Date Sampled	12/28/00					
Date Received	12/29/00	8:00				
Date Analyzed	1/4/01					
Date Reported	1/4/01					
	Results	Det Limit*		Results	Det Limit"	
Alpha BHC	< DL(U)		4-4' DD')	< DL(U)	200.0	
Beta BHC	< D1.(U)	100.0	Endrin Aldehyde	< DL(U)	250.0	
Gamma BHC	< DL(U)	50.0	Endosullan Sulfate	< DL(U)	200.0	
Heplachlor	< DL(U)	100.0	Methaxychlor	< DL(U)	1000.0	
Delta BHC	< DL(U)	100.0	Endrin Ketone	< DL(U)	200 0	
Aldrin	< DL(U)	100.0				
Heptachlor Epoxide	< DL(U)	100.0				
Gamma Chlordane	< UL(U)	100.0				
Alpha Chlordane	< <b>DL</b> (U)	100.0				
Endosulfan I	< DL(U)	100.0				
4.4' DDE	< DL(U)	100.0	< DLIU; - analyzed but any de	tected		
Dieldrin	< DL(U)	100.0	L-usimaicd value			
Endrin	< DL(U)	100.0	B-analyte found in blank			
4.4' DDD	< DL(U)	200.0	E-vector calibration range			
	Endsulfan II < DL'U) 200,2					

RESULTS WHEN YOU WANT THEM

	DZIEF Analytic Dzier Laboratories, Inc., #103 XPRESSLAB, Inc., #11369	•
LABORATO	RY REPORT -	TCLP 8260
Cust SLC ENVIRONME Address: 295 MILL STREET LOCKPORT, N.Y. Attn: SCOTT PFOHL Phone 433-0776 FAX 433-0802	Proj 14094 Proj Proj Date	Number: 00-119-016 ect Number: ect Cust: ect Site: FAXED: Director
SAMPLE DEN	MOGRAPHICS AN	D TEST RESULTS
	=ug/kg ppb Extraction	shawn are: Volatile Organic Analytes on Method: EPA 5930 Purge & Trap Method: EPA 8260 GC/MS

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JAN-17-2001	10:50
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	Lozier Analytical Gro Lozier Laboratories, Inc., #10390 EXPRESSLAB, Inc., #11369			UP 888 - 841 - 5227 800 - 843 - 5227	
	BORATC	RY REP	ORT - T	CLP 8150	
Address: 295 MILL S LOCKPOR Aπn: SCOTT PFC Phone 433-0776 FAX 433-0802	Г, N.Y. 14094 DHL		PO Number: Project Number Project Cust: Project Site: Date FAXED: Lab Director	D	
			S AND TEST	RESULTS	
Results in bold type: Detection Detection Limits* = "See Individual Limit Sample ID (LAB) Sample ID#1(CUST) Sample ID#2CUST) Matrix Sampled By Date Sampled Date Received Date Received Date Reported Dicamba 2.4-D Silvex 2.4.5-T	Soil=ug/kg Water=ug/L 3987 DRUM SLUDGE LYLE EMEN 12/28/00 12/29/00 1/5/01 1/08/01	ррb ррb 18	Extraction Method: Analysis Method:	8150 EPA 8150 GC with ECD	
<ul> <li>DL(1)=analyzed but not detected</li> <li>the stimuled rative</li> <li>Bhanalyte found in blank</li> <li>the stimule of the stimule</li> <li>ANALYSIS PERFORMED O</li> <li>DL = Detection Limit</li> </ul>	N TCLP EXTRACT (	(WATER).			
		RESULTS WHEN Y	OU WANT THEM	PCB	
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Specializing in Envir		Standard Service	Rush Service
Address: City/State/Zip: Phone: Fax:	(110) 433 -0776	SLC PO No.: <u>OC-</u> Project No.: Project Cust.: Project Site: Spill No.: PIn No.:	119-016 -
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January 26, 2001

Mr. Drew B. Shapiro EDZ Director Lackawanna Economic Development Zone 697 Ridge Road – Second Floor Lackawanna, New York 14218

#### Re: Lackawanna Business Park Site NYSDEC Site No. B-00080-9 Drum Removal

Dear Mr. Shapiro:

This letter is to inform you that on Friday, January 26, 2001, the drum was removed from the above-referenced site.

SLC subcontracted Frank's Vacuum Services to pick up and transport the drum. A copy of the Manifest is attached for your file.

Call if you have any questions.

Very truly yours,

#### **URS Corporation Group Consultants**

Charles E. Dune, Jr. / ajp

Charles E. Dusel, Jr. Project Manager

Enclosure

cc: Gregory P. Sutton, P.E., NYSDEC – Buffalo
 Chris Pawenski, Erie County Dept. of Environment and Planning
 J. Monnin, URS – Buffalo
 File: 35815.00 (C-1)

URS Corporation 282 Delaware Avenue Buffalo, NY 14202-1805 Tel: 716.856.5636 Fax: 716.856.2545

J: 35815.01 word cor Drum Removal.doc

	62990 Call
4500 Royal Avenue Niagara Falls, New York 14303 (716) 284-2132	NYDEC #9A-332 EPA ID # NYD982792814
PICK UP	DELIVERY
CITY OF LACKAWANNA	YEXOR
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GENERA	

Cel CD	RECEIVED S Greiner Woodward Clyde JAN 1 9 2001 B#0500035815 FAX TRANSMITTAL COVER SHEET
TO:	CHUCK DUSEL DATE: 1/19/01 TIME: 250 pm
CO:	URS FAX NO .: 856 2545
FROM:	Scott PFOHL PAGES (including this page): 2
	Extension 231
CONFIRM	ATION UPON RECEIPT: Yes INo
ORIGINAL	TO FOLLOW VIA: US Mail Overnight Modem N/A
MESSAGE:	
I styried on forted book iligio i control	Total PRICE TOD FOR THIS DRUM 15 \$32500

Celebrating 25 Years of Construction and Remediation Services



# WWW.SLCENVIRONMENTAL.COM

955 West Smith Road			VEX .
Medina, Ohio 44256	MATERIAL CHARA	CTERTZATION	Sample #
Phone: 330-721-9773	MAIERIAL CHAR	CIERLEATION	Date Received
FAX: 330-721-9438	اجباب المفالع كيهاته مددايها ومستشاف		
EPA ID# OHD 077772895			
Generater		Bill To Name FRANKS	VELUUM TRUCK
Site Address		Site Address 4500	ROYAL AVE
CityState	ZIP	City NIRGARY Falls	State NY ZIP
Phone Fax		Phone 7/4 284 2132	_Fox7/6 28421
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Method of ShipmentBulkDrun			
Estimated Annual Voluma:Cubic Y			
Frequency:One Time Only D	aily Weekly Monthly	Other/Explain	
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			X Nee-
b) Reactivity:Water reactive Aci			None
c) Flash Point, F: < 72 >72-10	0 >100-140 >140-200	X >200 NA	
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d) S. G./Density <u>/.2</u> e) pH: <u>≤</u> 2	>2_6>6_9 <u>X</u> _>9	-<12.5	
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## **APPENDIX C**

# CONTAMINATED SOIL: ANALYTICAL RESULTS AND QC ANALYSIS RESULT REPORTS

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#### WASTE STREAM TECHNOLOGY, INC.

302 Grote Street Buffalo, NY 14207 (716) 876-5290

Analytical Data Report Report Date : 12/29/00 Group Numbers : 2001-2636

Prepared For : Mr. Charles Ducel URS Corporation Group Consultants 282 Delaware Ave. Buffalo, NY 14202-1090

Site: Amadori Construction

Analytical Parameters

Total Chromium

Analytical Services Number of Samples

2

Turnaround Time Standard

Report Released By : Varuel

Daniel Vollmer, Laboratory QA/QC Officer

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS Wastestream NYSDOH ELAP #11179 NJDEPE #73977

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2001-2636

Waste Stream Technology, In	c.
302 Grote Street	
Buffalo, NY 14207	
(716) 876-5290	

1

**Analytical Data Report** 

Group Number: 2001-2636

Site: Amadori Construction

#### Field and Laboratory Information

WS75402 WS75403 Client ID SW3A SW1A Matrix Sampled Soil 12/26/00 Soil 12/26/00

Date

 Received
 Time

 12/27/00
 08:15

 12/27/00
 08:15

Date



#### METHODOLOGIES

The specific methodologies employed in obtaining the analytical data reported are indicated on each of the result forms. The method numbers shown refer to the following U.S. Environmental Protection Agency Reference:

Methods for Chemical Analysis of Water and Wastes. EPA 600/4-79-020, March 1979, Revised 1983, U.S. Environmental Monitoring and Support Laboratory, Cincinnati, Ohio 45268.

Federal Register, 40 CFR Part 136: Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act. Revised July 1992.

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. Third Edition, Revised December 1996, U.S. EPA SW-846.

Annual Book of ASTM Standards, Volume II. ASTM, 100 Harbor Drive, West Conshohocken, PA 19428-2959.

Standard Methods for the Examination of Water and Wastewater. (20th Edition). American Public Health Association, 1105 18th Street, NW. Washington, D.C. 20036.

NO.703 P.2

# Waste Stream Technology, Inc.

Metals Analysis Report

Chromium by ICP

SW-846 6010

Site: Amadori Construction Date Received: 12/27/00

Date Sampled: 12/26/00

Group Number: 2001-2636 Units: mg/Kg Matrix: Soil

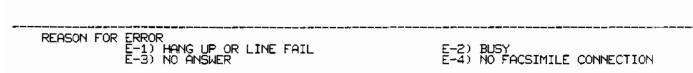
		Date	Detection		Date
WST ID	Client ID	Digested	Limit	Result	Analyzed
W\$75402	SW9A	12/27/00	1.00	16.5	12/28/00
WS75403	SW1A	12/28/00	1.00	21,4	12/28/00



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TTI WASTE STREAM TECH

FILE MODE	OPTION	ADDRESS (GROUP)	RESULT	PAGE	
681 MEMORY TX		8562545	0K	P. 4/4	•



### WASTE STREAM TECHNOLOGY, INC.

302 Grote Street Buffalo, NY 14207 (716) 876-5290

#### Analytical Data Report

Report Date : 12/29/00 Group Numbers : 2001-2636

Prepared For : Mr. Charles Ducel URS Corporation Group Consultants 282 Delaware Ave. Buffalo, NY 14202-1090

Site: Amadori Construction

Analytical Services Number of Samples 2

Turnaround Time Standard

Analytical Parameters Total Chromium Quality Control Analysis Result Reports

Waste Stream	Technology,	Inc.
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### Metals Analysis Result Report Method Blank Analysis Summary

Site : Amadori Construction Group Number: 2001-2636 Report Units: mg/Kg Matrix: Soil

	Lab ID	MB122700 S1	7	
	Date Digested	12/27/00	1	
	Detection		Date	Analysis
Analyte	Limit	Result	Analyzed	Method
Chromium	1.00	Not Detected	12/28/00	SW-846 6010B

	Lab ID	MB122800 S1		
	Date Digested	12/28/00		
	Detection		Date	Analysis
Analyte	Limit	Result	Analyzed	Method
Chromium	1.00	Not Detected	12/28/00	SW-846 6010B

MB denotes Method Blank

.

# Waste Stream Technology Inc

### Metals Analysis Result Report Laboratory Control Sample (LCS) Analysis Summary

Site : Amadori Construction Group Number: 2001-2636 Report Units: % Recovery Matrix: Soil

	Lab ID	RF12280	00 S1	]	
	Date Digested	12/28/	/00		
	LCS	š			
	% Recovery	Spike	LCS Result	Date	Analysis
Analyte	QC Limits	Amount (mg/Kg)	% Recovery	Analyzed	Method
Chromium	85 - 115	100	104	12/28/00	SW-846 6010B

RF denotes Laboratory Control Sample.

# Waste Stream Technology, Inc.

### Total Metals Analysis Result Report Duplicate Sample Analysis Summary

Site : Amadori Construction Group Number : 2001-2636 Report Units : mg/Kg Matrix : Soil

Date Analyzed	12/28/00	12/28/00	RPD	RPD
Analyte	Initial Result	Duplicate Result	(%)	QC Limits (%)
Chromium	21.4	49.7	79.5#	25

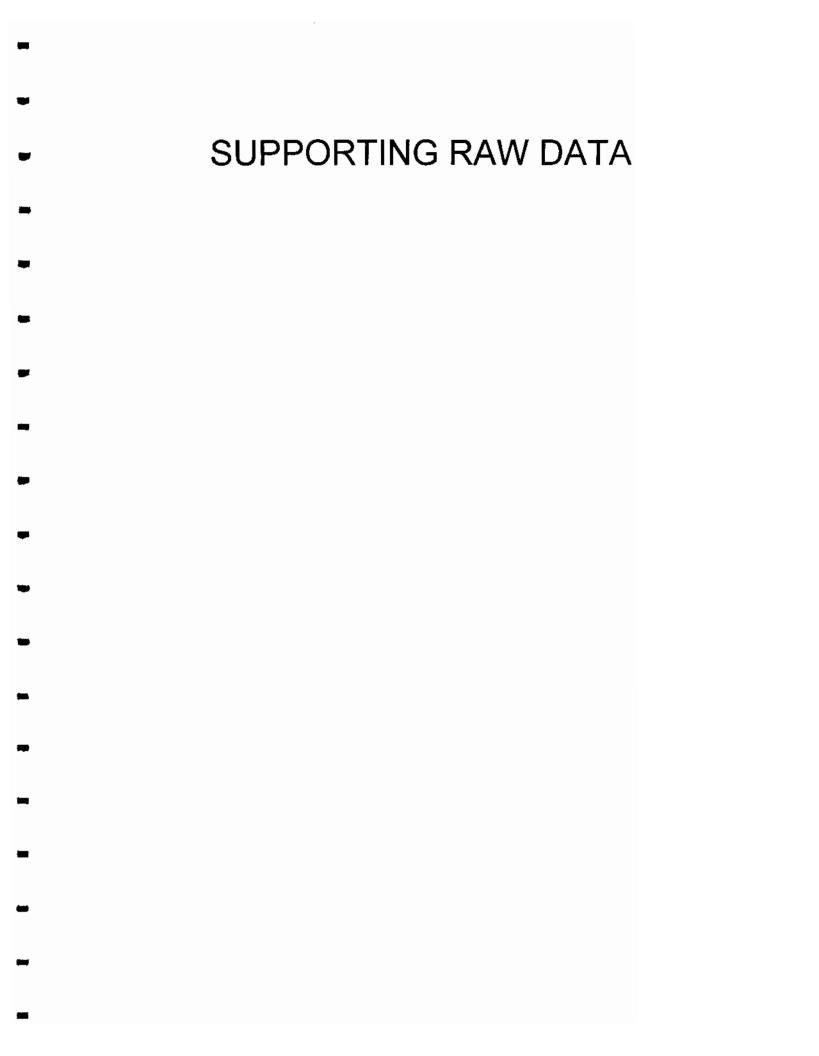
# Denotes RPD is outside QC limits

Dup denotes sample duplicate,

### Waste Stream Technology, Inc. Metals Analysis Result Report Matrix Spike Analysis Summary

Site : Amadori Construction Group Number : 2001-2636 Report Units : % Recovery Matrix : Soil

Analyte Chromium	QC Limits 75 - 125	% Recovery 93	Method SW-846 6010
	Date Analyzed	12/28/00	Analysis
	Date Digested	12/28/00	
	Lab ID Number	WS75403	



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36 PROJECT	-	Notebook No Contained	DOK NO. Continued from Page	97	, PROJECT				Note	Notebook No. Communa From Page	om Page
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Contraction Page:	- - -						10:01	וזיכן	12.5%	272	436		*
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							11.5		E BC	2 2-9	. 7:35	- - -	:
-							\$ 3.26	10.25	- 1 1 1 1 L L L L L L L L L L L L L L L	1.5 7	134	-	• · · · · •
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### Metals Analysis Instrument Quality Control Analysis Abbreviations and Control Limits

Initial Calib	ration, Acceptable Correlation Co-efficient = >0.997
Std 1 Std 2 Std 3 Std 4 Std 5	Level = 0.001 mg/L (0.1 mg/kg Soil Equivalent) Level = 0.005 mg/L (0.5 mg/kg Soil Equivalent) Level = 0.100 mg/L (10 mg/kg Soil Equivalent) Level = 1.000 mg/L (100 mg/kg Soil Equivalent) Level = 10.00 mg/L (1000 mg/kg Soil Equivalent)
ICV	Initial Calibration Verification Standard, Level = $10 \text{ mg/L}$ Acceptable Range (± 5%) = 9.50 mg/L to 10.50 mg/L
CCB	Continuing Calibration Blank, Acceptable Limit = $< 0.010 \text{ mg/L} (1.0 \text{ mg/kg equivalent})$
QC CHK	Quality Control Check Standard, Level = $1.0 \text{ mg/L}$ Acceptable Range (± 10%) = $0.900 \text{ mg/L}$ to $1.10 \text{ mg/L}$
ICS A	Interference Check Standard (Al, Ca, Fe, Mg only), Acceptable Limit = < 0.010 mg/L (1.0 mg/kg equivalent)
ICS AB	Interference Check Standard, Level = 1.0 mg/L Acceptable Range (± 20%) = 0.800 mg/L to 1.20 mg/L
MB	Method Blank, Acceptable Limit = $< 0.010 \text{ mg/L} (1.0 \text{ mg/kg equivalent})$
RF	Laboratory Control Sample, Level = $1.0 \text{ mg/L} (100 \text{ mg/kg equivalent})$ Acceptable Range (± 15%) = $0.850 \text{ mg/L}$ to $1.15 \text{ mg/L} (85\% - 120\%)$
CCV	Continuing Calibration Verification, Level = $1.0 \text{ mg/L}$ Acceptable Range (± 10%) = $0.900 \text{ mg/L}$ to $1.10 \text{ mg/L}$

Analytical Sequence
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F Fi	le - 1228	300sa	DATIN	1 · · · · · · · · · · · · · · · · · · ·	
q #	A/S Loc	ID	Category	FILE A	
===		<b>4-</b>		( -	
1	1	IS Init	IS Init.		
2	1	Calib Blank	Calib Blank		
3	2	std 1	Calib Std.		
4	3	std 2	Calib Std.		
5	4	std 3	Calib Std.		
6	5	Std 4	Calib Std.		
7	5	ICV	QC Serris	Tre	Analysis Data
8	9	BLANK	Sample	L (1	MARYSIS LAUR
9	1	CCB	QC QC		(
10	6	QC CHK	QC QC		
11	7	ICS A	QC		
12	8	ICS AB	Sample		
13	10	BLANK	Sample		
14	11	FLUSH WS75109 DIS	Sample		
15	12 13	WS75109 DIS WS75140 DIS	Sample		
16 17	13	WS75140 DIS WS75141 DIS	Sample		
18	14	FLUSH	Sample		
19	15	MB122800-W2	Sample		
20	17	RF122800-W2	Recovery		
21	18	WS75422	Sample		
22	19	WS75423	Sample		
23	1 1	CCB	QC -		
24	4	CCV	QC		
25	20	WS75424	Sample		
26	21	WS75425	Sample		
27	22	WS75472	Sample		
28	23	WS75473	Sample		
29	24	WS75474	Sample		
30	25	<b>WS754</b> 75	Sample		
31	2 E	FLUSH	Sample		
32	1	CCB	QC QC		
33	4	CCV	QC Sample		
34	27	ME122700-HP1	Sample		
35	28	RF122700-HP1	Recovery		
36	29	WS75069	Sample		
37	30	WS75194 Mc75205	Sample Sample		
38	31	WS75205 WS75208	Sample		
39	32	WS75208 WS75209	Sample		
40	33	WS75209 WS75209 DUP	Duplicate		
41 42	34 35	W\$75209 D0P W\$75209 SPK	Recovery		
43	35	WS75325	Sample		
44	37	W\$75326	Sample		
45	36	FLUSH	Sample		
46	. 39	MBTC885-T1	Sample		
47	1	CCB	QC		
48	4	CCV	QC		
49	40	RFTC885-T1	Sample		
50	4⊥	WS75426	Sample		
51	42	WS75427	Sample		
52	43	ws75428	Sample		
53	44	FLUSH	Sample		
54	1	CCB	QC		
55	4	CCV	QC		
56	45	FLUSH	Sample		
57	46	MB122800-S1	Sample		
58	47	RF122800-51	Sample Sample		
59	48	WS75403	Sample		
60	49	WS75403 DUP	Sample		
61	50	WS75403 SPK	Sample		
	51	FLUSH			
£2		ET LICH	Sample		
62 63 64	52 53	FLUSH MB122700-S1	Sample Sample		

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Page	2	Date:	12/29/2000	8:34:24 AM
Sample Sample				

Analyti	cal :	Sequence
66	55	FLUSH

		L 20011	
67	56	FLUSH	Samp
68	1	CCB	QC
69	4	CCV	QC
 70	7	ICS A	QC
71	8	ICS AB	QC

Method: TAL LIST		Page 1	Date: 12/28/2000 2:51:34 PM
	•		
Wethod: TAT LIST			Date: 12/28/2000 2:42:28 DM
			Corr.
Element	Stds Equation	Intercept	Slope Curvature Coeff.
	********************		
Method: TAL LIST Results: 122800A		IEC: 0607iecb.iec Spectra Stored: Yes	MSF: Method Stored: No
Sample Info: 122800A	53	User: Userl	Date: 12/28/2000 2:42:28 PM
Method Description:	TAL LIST	0501, 05011	
		¥=====================================	
lean Data			
D: IS Init		Sec No 1	A/S Pos: 1
		Data: Original	Date: 12/28/2000 2:44:20 PM
	Mean Corr.		
Element	Intensity	Std.Dev. RSD	
x 360.073	2565549.2	8244.20 0.32%	
tern bete			
lean Data D: Calib Blank		Seg. No.: 2	A/S Pos: 1
		Data: Original	Date: 12/20.2000 2.45:27 PM
lement	Mean Corr. Intensity	Std Dev PSD	Calib Conc. Units
360,073	2536756.0	Std.Dev. RSD 9204.64 0.365	4.9439 mt/L
g 338.289	343.7	1.40 0.4:	0 mg/L
g 328.068	-205.6	1.40 0.41 16.11 7.84%	0 mg/L
1 308.215	4790.4	24.77 0.52%	0 mg/L
s 188.979	-28.6	1.57 5.49:	0 mg/L
249.677 a 233.527	731.4 -192.9	15.13 2.07% 0.78 0.40%	0 mg/L 0 mg/L
e 313.107	-192.9	14.06 14.20	0 mg/L
a 430.253	275.0	39.36 14.31	0 mg/L
a 317.933	5591.7	291.40 5.21	0 mg/L
d 226.502	93.4		0 mg/L
0 228.616	-60.3		0 mg/L
r 267.716 u 324.752	1.3 6233.8		0 mg/L
e 302.107	-156.6		0 mg/L 0 mg/L
238.204	99.1	27.25 27.50%	0 mg/L
279.077	96.5	15.99 16.56%	0 mg/L
257.610	16.3		0 mg/L
202.031	-32.5	1.14 3.50%	0 mg/L
i 231.604 5 220.353	-471.0 37.9	5.49 1.173 4.52 11.93%	0 mg/L 0 mg/L
o 206.836	-19.4	0.14 0.70	0 mg/L 0 mg/L
196.026	26.8	6.20 23.15	0 mg/L
336.121	1066.4	0.77 0.07%	0 mg/L
190.801	-60.1	1.02 1.69	0 mg/L
292.402 206.200	-208.5 105.1	13.68 6.56 2.68 2.55.	0 mg/L 0 mg/L
189.927		0.09 0.30	0 mg/L 0 mg/L
			-
an Data -+ : Std 1		Sea No. 1	A/S Pos: 2
. Dia I		Data: Original	A/S POS: 2 Date: 12/28/2000 2:51:01 PM
			Date: 12/28/2000 2:51:01 PM
	Mean Corr.		Calib
ement	Intensity		Conc. Units
360.073 338.289	2552958.5 462.7	14030.61 0.55%	4.9755 mg/L
328.068	709.9	21.62 4.67% 20.02 2.82%	0.005 mg/L 0.005 mg/L
188.979	6.7	0.19 2.79%	0.005 mg/L
233.527	305.2		0.005 mg/L
313.107	9941.3	14.50 0.15%	0.005 mg/L
226.502	207.5	1.96 0.95%	0.005 mg/L
228.616	124.3	1.97 1.59%	0.005 mg/L
267.716 324.752	327.1 881.2	8.38 2.56% 28.54 3.24%	0.005 mg/L 0.005 mg/L

Method: TAL LIST			Page 2	Date: 12/28/2000 3:02:57
Mn 257.610	2433.0	16.90	0 693	0.005 mg/L
	43.7			
Mo 202.031			3.32%	0.005 mg/L
Ni 231.604	137.8		4.98%	0.005 mg/L
Pb 220.353	26.8		12.33%	0.005  mg/L
Sb 206.836	7.8	0.41 0.71	5.24%	0.005 mg/L
Se 196.026	9.4	0.71	7.55%	0.005 mg/L
Ti 336.121	1585.3	16.76	1.06%	0.005 mg/L 0.005 mg/L
T1 190.801	10.2	4.25	41.71%	0.005  mg/L
V 292.402	661.7	19.41	2.93%	0.005 mg/L
Zn 206.200	191.1	19.41 0.22	0.11%	0.005 mg/L
Mean Data				
ID: Std 2		Seq. No.: 4 Data: Origin	nal	A/S Pos: 3 Date: 12/28/2000 2:5ē:38
	Mean Corr			Calib
Element	Intensity	Std.Dev.	RSD	Conc. Units 4.9752 mg/L 0.100 mg/L
¥ 360.073	2552821.2	23869.18	0.94%	4.9752 mg/L
Ag 338.289	8967.8	104.89	1.17	0.100 mg/L
Ag 328.068	14205.1	199 66	1.34	0.100 mg/L
Al 308.215	1248.4	76 77	2.34	0.100 mg/L 0.100 mg/L
	110.0	29.25	2.29.	0.100 mg/L
As 188.979	110-0	2.40	1 405	0.100  mg/L
B 249.677	3533.6	52.52	1.495	0.100  mg/L
Ba 233.527	5919.8	31.81	0.54	0.100 mg/1
Be 313.107	203637.8	63.86	0.03	0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L
Ca 430.253	288.2	51.62	17.91%	0.100 mg/L
Ca 317.933	11796.4	205.01	1.74:	0.100 mg/L
Cd 226.502	4516.2	00.41	1.101	
Co 228.616	2464.9	19.95	0.81%	0.100 mg/L
Cr 267.716	6760.9	83.49 190.57	1.23	0.100 mg/L
Cu 324.752	21456.4	190.57	0.89%	0.100  mm/T
Fe 302.107	334.3	16.78	5.02%	0.100 mg/T
	5239.7	4.81	0.000	0.100  mg/H
Fe 238.204		12 (1	0.09%	0.100  mg/L
Mg 279.077	870.0	13.61 679.94	1.56%	0.100 mg/L 0.100 mg/L
Mn 257.610	48665.8	679.94		0.100 mg/L
Mo 202.031	880.3	5.02 13.69	0.57%	0.100 mg/L 0.100 mg/L
Ni 231.604	2713.6	13.69	0.50	0.100 mg/L
Pb 220.353	453.3	9.09	2.01	0.100 mg/L
Sb 206.836	163.0	9.09 1.77	1.09%	0.100 mg/L 0.100 mg/L
Se 196.026	122.4	1.44	1.17%	0.100 mg/L
Ti 336.121	31478.9	1.44 372.50	1.18%	0.100 mg/L
ri 190.801	210.4		0.03%	0,100 mg/L
v 292.402	13335.4			0.100 mg/L
	13333.4		1.45%	
Zn 206.200	3497.0	39.22	1.12	0.100  mg/L
5n 189.927	466.8		1.275	0.100 mg/L
Mean Data ID: Std 3		Seq. No.: 5		A/S Pos: 4
		Data: Origin	al	Date: 12/28/2000 3:02:20 P
	Mean Corr			Calib
Element	Intensity	Std.Dev.	RSD	Conc. Units 4.9577 mg/L 1.00 mg/L
360.073	2543842.3	13158.08	0.52	4.9577 mg/L
g 338.289	89394.2	592.06	0.66.	1.00 mg/L
g 328.068	142395.6	922.37	0.65.	1.00 mg/L
1 308.215	11632.0		1.07;	1.00 mg/L
s 188.979	1112.3		0.53%	1.00 mg/L
249.677	31908.1		1.37:	1.00 mg/L
	59871.7		0.54	1.00 mg/L
a 233.527				
e 313.107	2092074.7		0.15%	1.00 mg/L
a 430.253	2491.4		1.37	1.00 mg/L
a 317.933	100209.0		0.35%	1.00 mg/L
d 226.502	45916.0		0.37%	1.00 mg/L
0 228.616	25034.4		0.34	1.00 mg/L
r 267.716	68269.8		0.36%	1.00 mg/L
u 324.752	217491.8		0.65%	1.00 mg/L
e 302.107	3300.2	17.25	0.52	1.00 mg/L
	51795.5	233.03	0.45%	1.00 mg/L
e 238.204		74 27	0.32%	1.00 mg/L
g 279.077	9200.4			
g 279.077 n 257.610	492648.1	779.76	0.16%	1.00 mg/L 1.00 mg/L
g 279.077 n 257.610 o 202.031	492648.1 9019.1	779.76 46.62	0.16% 0.52%	1.00 mg/L
g 279.077 n 257.610	492648.1	779.76 46.62	0.16%	

Method: TAL LIST				Page 3		Date: 12/24	0/2000 3:09:12 P
		1735.3	13.04		1.00.		
Sb 206.836 Se 196.026		1196.4	13.84 9.42		1.00 m 1.00 m		
Ti 336.121		323557.4	208.41		1.00 m	- · .	
T1 190.801		2119.1	8.31	0.39%	1.00 m		
V 292.402		135218.0	799.71	0.59%	1.00 m		
Zn 206.200 Sn 189.927		33366.3	24.98 26.32	0.07%	1.00 m 1.00 m		
						lg/b	
Mean Data ID: Std 4			Sec. No	<i>c</i>		A/5 Pos: 5	
			Data: Orig:	inal		Date: 12/28	/2000 3:08:21 P
		Mean Corr.			с	alib	
Element		Intensity 2475692.8	Std.Dev.	RSD	Conc. U 4.8249 m	nits	
Y 360.073			940.62	0.043	4.8249 m	g/L	
Ag 338.289 Ag 328.068		887654.4		0.003	10.0 m 10.0 m	g/L	
Al 308.215		1402557.1	206.03	0.025	10.0 m	g/L _/T	
As 188.979		122405.9 10860.0	20.21	0.083 0.35%	10.0 m 10.0 m	g/4 g/T.	
B 249.677					10.0 m	y/u n/T.	
Ba 233.527		323305.1 574316.9	816.25	0.14	10.0 m 10.0 m	g/L	
Be 313.107	:	20663076.8	34458.32	0.17%	10.0 m		
Ca 430.253		26942.1	10.34	0.04	10.0 m		
Ca 317.933			1055.70		10.0 m		
d 226.502		445192.1	647.67	0.15%	10.0 m		
20 228.616		240254.3	159.16	0.07.	10.0 mg		
cr 267.716		663844.9		0.040	10.0 mg	g/L	
Lu 324.752		2142077.9		0.04%	10.0 mg		
Te 302.107		34196.6		0.04	10.0 mc		
e 238.204		498327.6		0.01	10.0 mc		
1g 279.077		90471.6		0.163	10.0 mg		
In 257.610 No 202.031		4638090.1		0.02%	10.0 mg		
10 202.031 11 231.604		86598.9		0.12%	10.0 mg		
220.353		266494.3 42874.7		0.09	10.0 mg 10.0 mg		
b 206.836		17016.3		0.03	10.0 mg		
Se 196.026		11790.6		0.43	10.0 mg		
i 336.121		3117107.1		0.10	10.0 mg		
1 190.801		20067.7		0.07	10.0 mg		
292.402		1329978.4	971.03	0.07:	10.0 mg	/L	
in 206.200		322842.2	22.52	0.01:	10.0 mg		
n 189.927		45565.3		0.465	10.0 mg		
alibration Summary Method: TAL LIST	/						/2000 3:09:12 PM
						Date: 12726	
lement	Stds	Equation	1	Intercept	Slope	Curvature	Corr. Coeff.
g 330.289	4	Linear-thru		0.0	88771.6	0.0000	1.000000
g.328.068	4	Linear-thru		0.0	140277.1	0.00000	
308.215	3	Linear-thru		0.0	12234.6	0.00000	
188.979 249.677	4 3	Linear-thru		0.0	1086.3	0.00000	0.999996
233.527	3	Linear-thru Linear-thru		0.0	32326.6 57456.0	0.00000	0.999998 0.999988
233.107	4	Linear-thru		0.0	2066559.8	0.00000	0.9999999
430.253	3	Linear-thru		0.0	2692.2	0.00000	0.999960
317.933	3	Linear-thru		0.0	99413.1	0.00000	0.999997
1 226.502	4	Linear-thru		0.0	44533.1	0.00000	0.999994
228,616	4	Linear-thru		0.0	24035.5	0.00000	0.999989
267.715	4	Linear-thru	-Zero	0.0	66403.3	0.00000	0.999995
324.752	4	Linear-thru-	-Zero	0.0	214240.3	0.00000	0.999998
302.107	3	Linear-thru-		0.0	3418.5	0.00000	0.999991
238.204	3	Linear-thru-		0.0	49852.4	0.00000	0.999989
279.077	3	Linear-thru-		0.0	9048.6	0.00000	0.999998
257.610	4	Linear-thru-		0.0	464096.6	0.00000	0.999975
202.031	4	Linear-thru-		0.0	8663.5	0.00000	0.999989
231.604	4	Linear-thru-		0.0	26660.1	0.0000	0.999989
206.836	4 4	Linear-thru-		0.0	4288.9	0.00000	0.999993
196.026	4	Linear-thru- Linear-thru-		0.0	1702.0	0.00000	0.999997
	4	Linear-thru-		0.0	1179.2 311020.3	0.00000	0.999998 0.999991
336.121							

Mathod: TAL 1			Pa			Date: 12/28/20	
V 292.402	4	Linear-thr	u-Zero	0.0	133019.9	0.00000	0.999998
Zn 206.200	4	Linear-thr	u-Zero	0.0	32295.2	0.00000 0.00000	0.999992
\$n 189.927	3	Linear-thr	u-Zero	0.0	4557.9	0.0000.0	0.999994
Mean Data							
ID: ICV		1	Seq. No.: 7	Sam	ple No.: 1	A/S Pos: 5	
Sample Qty:	1.0000 g	1	Prep. Vol.:	1	.0 L	Dilution:	1.0:
		1	Data: Origina	1		Dilution: Date: 12/28/20	00 3:14:27
	Mean Corr.	Mean		Calib	Mean	Samp Std.Dev. Unit	le
Element	Intensity	Conc	Std.Dev.	Units	Conc.	Std.Dev. Unit	s RSD
Y 360.073	2476277.9	4.8260	0.00227 1	mg∕L			С.
Ag 338.289	885106.9	9.9706	0.00910 1	mg∕L			Û.
Ag 328.068	1399758.3	9.9785	0.00549 1	mg∕L			0.
Al 308.215	122168.3	9.9855	0.00489 1	mg/L			0.1
As 188.979	11019.0	10.144	0.0496 1	mg/L			С.
B 249.677	326414.3	10.097	0.0562 1	mg/L			Q.1
Ba 233.527	575978.5	10.025	0.0151 r	ng/L			0
Be 313.107	20624382.1	9.9801	0.02396 r	ng/L			0.1
Ca 430.253	26780.1	9.9472	0.03107 r	ng/L			с.:
Ca 317.933	995860.3	10.017	0.0143 n	ng/L			С.,
Cd 226.502	447655.7	10.052	0.0171 n	ng/L			с.:
Co 228.616	240054.0	9.9875	0.00471 n	ng/L			0.0
Cr 267.716	663726.3	9.9954	0.01518 n	ng/L			0.1
Cu 324.752	2138286.3	9.9808	0.01332 m	ng/L			0.1
Fe 302.107	34188.6	10.001	0.0047 π	ng/L			ð.C
Fe 238.204	497880.7	9.9871	0.01710 m	ng/L			Ú.1
Mg 279.077	90317.4	9,9813	0.02094 m	ng/L			č.2
Mn 257.610	4637252.9	9.9920	0.01104 m	ug/L			0.1
Mo 202.031	86352.2	9.9674	0.01620 m	ng/L			0.1
Ni 231.604	267005.4	10.015	0.0130 m	ng/L			0.1
Pb 220.353	43313.7	10.099	0.0686 m	uq́∕L			0.6
Sb 206.836	17219.9	10.116	0.0320 m	ng/L			0.3
5e 196.026	11954.2	10.137	0.0032 m	g/L			C.O
fi 336.121	3128679.5	10.033	0.0124 m	.g/L			0.1
F1 190.801	20212.6	10.067	0.0706 m				0.7
292.402	1329958.2	9.9982	0.01016 m	g/L			C.1
2n 206.200	323084.2	10.004	0.0139 m	a/L			0.1
Sn 189.927	45941.2	10.080	0.0651 m	g/L			Ο.6
lean Data	1.0000 g Mean Corr. Intensity 2476277.9 885106.9 1399758.3 122168.3 11019.0 326414.3 575978.5 20624382.1 26780.1 995860.3 447655.7 240054.0 663726.3 2138286.3 34188.6 497880.7 90317.4 4637252.9 86352.2 267005.4 43313.7 17219.9 11954.2 3128679.5 20212.6 1329958.2 323084.2 45941.2						
D: BLANK	1.0000 mL	Se	⊧q. No.: 8	Sampl	le No.: l	A/S Pos: 9 Dilution:	
Sample Qty:	1.0000 mL	r I	ep. vor	1.1	lm (		
		Da	ta: Original			Date: 12/28/200	0 3:20:12
	Mean Corr,	Mean	C.	alib	Mean	Sampl	e
lement	Intensity	Conc.	Std.Dev. U:		Conc.	Std.Dev. Units	RSD
360.073	2540550.9	4.9513	0.00887 mg				Ű,1
g 338.289	488.4	0.005502	0.0015091 mg		0.005502	0.0015091 mg/L	27.4
			0 0010707	-		0.0018707 mg/L	33.5
g 328.068	781.7	0.005572	0.0018/0/ mc	q/L	0.005572		
.g 328.068 1 308.215	781.7 -96.6	-0.007895	0.0018707 mg 0.0001945 mg	g/L g/L	-0.007895	0.0001945 mg/L	2.4
1 308.215			0.0001945 mg 0.00020049 mg	g/l			2.4 17.8
-	-96.6	-0.007895	0.0001945 mg	g/l g/L	-0.007895	0.0001945 mg/L	
1 308.215 s 188.979	-96.6 12.2	-0.007895 0.011218	0.0001945 mg	g/L g/L g/L	-0.007895	0.0001945 mg/L 0.0020049 mg/L	17.8
1 308.215 5 188.979 249.677	-96.6 12.2 4394.7	-0.007895 0.011218 0.13595	0.0001945 mg 0.0020049 mg 0.009340 mg	g/L g/L g/L g/L	-0.007895 0.011218 0.13595	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L	17.8 €.8
1 308.215 s 188.979 249.677 a 233.527	-96.6 12.2 4394.7 309.3	-0.007895 0.011218 0.13595 0.005384	0.0001945 mg 0.0020049 mg 0.009340 mg 0.0006668 mg	g/l g/L g/L g/L g/L	-0.007895 0.011218 0.13595 0.005384	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L	17.8 6.8 12.39
Í 308.215 s 188.979 249.677 a 233.527 e 313.107	-96.6 12.2 4394.7 309.3 14470.0	-0.007895 0.011218 0.13595 0.005384 0.007002	0.0001945 mg 0.0020049 mg 0.009340 mg 0.0006668 mg 0.0022798 mg	g/L g/L g/L g/L g/L g/L	-0.007895 0.011218 0.13595 0.005384 0.007002	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0006668 mg/L	17.8 6.8 12.3 32.5
Í 308.215 s 188.979 249.677 a 233.527 e 313.107 a 430.253	-96.6 12.2 4394.7 309.3 14470.0 -19.0	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044	0.0001945 mg 0.0020049 mg 0.009340 mg 0.0006668 mg 0.0022798 mg 0.0025838 mg	9/1 9/1 9/1 9/1 9/1 9/1 9/1	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.0025838 mg/L	17.8 6.8 12.3 32.5 36.6
Í 308.215 s 188.979 249.677 a 233.527 e 313.107 a 430.253 a 317.933	-96.6 12.2 4394.7 309.3 14470.0 -19.0 -122.9	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237	0.0001945 mg 0.0020049 mg 0.009340 mg 0.0006668 mg 0.0022798 mg 0.0025838 mg 0.0025838 mg 0.0014455 mg	9/1 9/1 9/1 9/1 9/1 9/1 9/1 9/1 9/1	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.0025838 mg/L 0.0014455 mg/L	17.8 6.8 12.3 32.5 36.6 116.88
Í 308.215 s 188.979 249.677 a 233.527 e 313.107 a 430.253 a 317.933 d 226.502	-96.6 12.2 4394.7 309.3 14470.0 -19.0 -122.9 228.4	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130	0.0001945 mg 0.0020049 mg 0.009340 mg 0.0006668 mg 0.0022798 mg 0.0025838 mg 0.0014455 mg 0.0006069 mg 0.0009241 mg	9/1 9/1 9/1 9/1 9/1 9/1 9/1 9/1 9/1 1/1	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.0025838 mg/L 0.0014455 mg/L 0.0016069 mg/L	17.8 6.8 12.39 32.50 36.60 116.88 11.83
Í 308.215 s 188.979 249.677 a 233.527 e 313.107 a 430.253 a 317.933 d 226.502 o 228.616	-96.6 12.2 4394.7 309.3 14470.0 -19.0 -122.9 228.4 143.8	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982	0.0001945 mg 0.0020049 mg 0.009340 mg 0.0006668 mg 0.0022798 mg 0.0025838 mg 0.0014455 mg 0.0016069 mg 0.0006069 mg 0.0009241 mg 0.0008497 mg	9/1 9/1 9/1 9/1 9/1 9/1 9/1 9/1 9/1 9/1	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.0025838 mg/L 0.0014455 mg/L 0.0006069 mg/L 0.0009241 mg/L	17.8 6.8 12.39 32.50 36.60 116.88 11.83 15.45
Í 308.215 s 188.979 249.677 a 233.527 e 313.107 a 430.253 a 317.933 d 226.502 o 228.616 r 267.716	-96.6 12.2 4394.7 309.3 14470.0 -19.0 -122.9 228.4 143.8 340.1	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982 0.005121	0.0001945 mg 0.0020049 mg 0.009340 mg 0.0006668 mg 0.0022798 mg 0.0025838 mg 0.0014455 mg 0.0006069 mg 0.0009241 mg	9/1 9/1 9/1 9/1 9/1 9/1 9/1 1/1 1/1 1/1	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982 0.005121 0.050653	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.00225838 mg/L 0.0014455 mg/L 0.0006069 mg/L 0.0009241 mg/L 0.0008497 mg/L	17.8 6.8 12.33 32.5 36.66 116.88 11.88 15.45 16.55
1 308.215 s 188.979 249.677 a 233.527 e 313.107 a 430.253 a 317.933 d 226.502 o 228.616 r 267.716 u 324.752	-96.6 12.2 4394.7 309.3 14470.0 -19.0 -122.9 228.4 143.8 340.1 10851.9	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982 0.005121 0.005121	0.0001945 mg 0.0020049 mg 0.009340 mg 0.0006668 mg 0.0022798 mg 0.0025838 mg 0.0014455 mg 0.0006069 mg 0.0009241 mg 0.0008497 mg 0.00053160 mg 0.0029452 mg	9/1 9/L 9/L 9/L 9/L 9/L 1/L 1/L 1/L 1/L	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007004 -0.001237 0.005130 0.005982 0.005121 0.050653 0.004581	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.0025838 mg/L 0.0014455 mg/L 0.0014455 mg/L 0.0009241 mg/L 0.0009241 mg/L 0.0053160 mg/L 0.0053160 mg/L	17.8 6.8 12.36 32.56 36.66 116.88 11.85 15.45 16.59 10.49
1 308.215 s 188.979 249.677 a 233.527 e 313.107 a 430.253 a 317.933 d 226.502 o 228.616 r 267.716 u 324.752 e 302.107 e 238.204	-96.6 12.2 4394.7 309.3 14470.0 -19.0 -122.9 228.4 143.8 340.1 10851.9 15.7 156.3	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982 0.005121 0.0050653 0.004581 0.003134	0.0001945 mg 0.0020049 mg 0.009340 mg 0.0006668 mg 0.0022798 mg 0.0025838 mg 0.0014455 mg 0.0006069 mg 0.0009241 mg 0.0008497 mg 0.00053160 mg 0.0029452 mg 0.0029452 mg 0.0011504 mg	9/1 9/1 9/1 9/1 9/1 9/1 9/1 1/1 1/1 1/1	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007002 -0.007044 -0.001237 0.005130 0.005982 0.005121 0.050653 0.004581 0.003134	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.0025838 mg/L 0.0014455 mg/L 0.0006069 mg/L 0.0009241 mg/L 0.0008497 mg/L 0.0053160 mg/L 0.0029452 mg/L 0.0011504 mg/L	17.8 6.8 12.39 32.56 36.66 116.88 11.83 15.45 10.45 64.29 36.70
1 308.215 s 188.979 249.677 a 233.527 e 313.107 a 430.253 a 317.933 d 226.502 o 228.616 r 267.716 u 324.752 e 302.107 e 238.204 g 279.077	-96.6 12.2 4394.7 309.3 14470.0 -19.0 -122.9 228.4 143.8 340.1 10851.9 15.7 156.3 -66.4	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982 0.005121 0.005982 0.005121 0.0050653 0.004581 0.003134 -0.007343	0.0001945 mg 0.0020049 mg 0.009340 mg 0.0006668 mg 0.0022798 mg 0.0025838 mg 0.0014455 mg 0.0006069 mg 0.0009241 mg 0.0008497 mg 0.0008497 mg 0.0053160 mg 0.0029452 mg 0.0011504 mg 0.0013389 mg	9/1 9/1 9/1 9/1 9/1 9/1 9/1 9/1 1/1 1/1	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982 0.005121 0.050653 0.004581 0.003134 -0.007343	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.0025838 mg/L 0.0014455 mg/L 0.0016069 mg/L 0.0009241 mg/L 0.0009241 mg/L 0.0053160 mg/L 0.0029452 mg/L 0.0011504 mg/L 0.0013389 mg/L	17.8 6.8 12.39 32.56 36.66 116.88 11.83 15.45 16.59 10.49 36.70 18.23
1 308.215 s 188.979 249.677 a 233.527 e 313.107 a 430.253 a 317.933 d 226.502 o 228.616 r 267.716 u 324.752 e 302.107 e 238.204 g 279.077 n 257.610	-96.6 12.2 4394.7 309.3 14470.0 -19.0 -122.9 228.4 143.8 340.1 10851.9 15.7 156.3 -66.4 3091.0	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982 0.005121 0.050653 0.004581 0.003134 -0.007343 0.006660	0.0001945 mg 0.0020049 mg 0.009340 mg 0.0006668 mg 0.0022798 mg 0.0025838 mg 0.0014455 mg 0.0006069 mg 0.0009241 mg 0.0008497 mg 0.0008497 mg 0.00253160 mg 0.0025452 mg 0.0021504 mg 0.0011504 mg 0.0013389 mg 0.0023931 mg	9/L 9/L 9/L 9/L 9/L 9/L 9/L 9/L 1/L 1/L 1/L 1/L 1/L	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007004 -0.001237 0.005130 0.005982 0.005982 0.005982 0.005982 0.005982 0.005982 0.005982 0.005982 0.005982 0.005982 0.005983 0.004581 0.003134 -0.007343 0.006660	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.0025838 mg/L 0.0014455 mg/L 0.0006069 mg/L 0.0009241 mg/L 0.00053160 mg/L 0.0029452 mg/L 0.0011504 mg/L 0.0013389 mg/L 0.0023931 mg/L	17.8 6.8 12.39 32.56 36.66 116.88 11.83 15.45 16.59 36.70 18.23 35.93
1 308.215 s 188.979 249.677 a 233.527 e 313.107 a 430.253 a 317.933 d 226.502 o 228.616 r 267.716 u 324.752 e 302.107 e 238.204 g 279.077 n 257.610 o 202.031	-96.6 12.2 4394.7 309.3 14470.0 -19.0 -122.9 228.4 143.8 340.1 10851.9 15.7 156.3 -66.4 3091.0 59.4	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982 0.005121 0.0050653 0.004581 0.003134 -0.007343 0.006660 0.006856	0.0001945 mg 0.009340 mg 0.009340 mg 0.0006668 mg 0.0022798 mg 0.0025838 mg 0.0014455 mg 0.0006069 mg 0.0009241 mg 0.0008497 mg 0.0008497 mg 0.00239452 mg 0.0013389 mg 0.0013389 mg 0.0013389 mg 0.0023931 mg 0.001378 mg	9/L 9/L 9/L 9/L 9/L 9/L 9/L 1/L 1/L 1/L 1/L 1/L 1/L 1/L	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007004 -0.001237 0.005130 0.005982 0.005121 0.050653 0.004581 0.003134 -0.007343 0.006660 0.006856	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.0025838 mg/L 0.0014455 mg/L 0.0006069 mg/L 0.0009241 mg/L 0.0009241 mg/L 0.0053160 mg/L 0.0029452 mg/L 0.0013389 mg/L 0.0013389 mg/L 0.0011978 mg/L	17.8 6.8 12.39 32.56 36.66 116.88 11.83 15.45 16.59 36.70 18.23 35.93 17.47
1 308.215 s 188.979 249.677 a 233.527 e 313.107 a 430.253 a 317.933 d 226.502 o 228.616 r 267.716 u 324.752 e 302.107 e 238.204 g 279.077 n 257.610 o 202.031 i 231.604	-96.6 12.2 4394.7 309.3 14470.0 -19.0 -122.9 228.4 143.8 340.1 10851.9 15.7 156.3 -66.4 3091.0 59.4 165.5	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982 0.005121 0.0050653 0.004581 0.003134 -0.007343 0.006660 0.006656 0.006207	0.0001945 mg 0.0020049 mg 0.009340 mg 0.0006668 mg 0.0022798 mg 0.0025838 mg 0.0014455 mg 0.0006069 mg 0.0009241 mg 0.0008497 mg 0.0008497 mg 0.00239452 mg 0.0011308 mg 0.0013389 mg 0.0013389 mg 0.0013978 mg 0.0011978 mg 0.0009564 mg	9/L 9/L 9/L 9/L 9/L 9/L 9/L 1/L 1/L 1/L 1/L 1/L 1/L 1/L 1/L	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982 0.005121 0.050653 0.004581 0.003134 -0.007343 0.006660 0.006856 0.006207	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.0022798 mg/L 0.0014455 mg/L 0.0006069 mg/L 0.0009241 mg/L 0.0009241 mg/L 0.0003160 mg/L 0.0029452 mg/L 0.0013389 mg/L 0.0023931 mg/L 0.0011978 mg/L 0.0009564 mg/L	17.8 6.8 12.39 32.56 36.66 116.83 15.45 16.59 10.49 64.29 36.70 18.23 35.93 17.47 15.41
il 308.215 s 188.979 249.677 a 233.527 e 313.107 a 430.253 a 317.933 d 226.502 o 228.616 r 267.716 u 324.752 e 302.107 e 238.204 g 279.077 n 257.610 o 202.031 i 231.604 o 220.353	-96.6 12.2 4394.7 309.3 14470.0 -19.0 -122.9 228.4 143.8 340.1 10851.9 15.7 156.3 -66.4 3091.0 59.4 165.5 30.1	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 0.001237 0.005130 0.005982 0.005121 0.0050653 0.004581 0.003134 -0.007343 0.006660 0.006656 0.0066207 0.007019	0.0001945 mg 0.0020049 mg 0.009340 mg 0.0006668 mg 0.0022798 mg 0.0025838 mg 0.0014455 mg 0.0006069 mg 0.0009241 mg 0.0009241 mg 0.0008497 mg 0.0029452 mg 0.0013389 mg 0.0023931 mg 0.0023931 mg 0.001978 mg 0.001978 mg	9/L 9/L 9/L 9/L 9/L 9/L 9/L 1/L 1/L 1/L 1/L 1/L 1/L 1/L 1/L	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005982 0.005982 0.005982 0.005121 0.050653 0.004581 0.003134 -0.007343 0.006656 0.006207 0.007019	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.0014455 mg/L 0.0014455 mg/L 0.0006069 mg/L 0.0009241 mg/L 0.0009241 mg/L 0.0008497 mg/L 0.0013160 mg/L 0.0013389 mg/L 0.0013389 mg/L 0.0011978 mg/L 0.001978 mg/L 0.0019078 mg/L	17.8 6.8 12.33 32.5 36.66 116.88 11.85 16.59 10.49 36.70 18.23 35.93 17.47 15.41 27.18
il 308.215 is 188.979 249.677 a 233.527 e 313.107 a 430.253 a 317.933 d 226.502 o 228.616 r 267.716 u 324.752 e 302.107 e 238.204 g 279.077 n 257.610 o 202.031 i 231.604 p 220.353 o 206.836	-96.6 12.2 4394.7 309.3 14470.0 -19.0 -122.9 228.4 143.8 340.1 10851.9 15.7 156.3 -66.4 3091.0 59.4 165.5 30.1 9.9	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982 0.005121 0.0050653 0.004581 0.003134 -0.007343 0.006660 0.006660 0.006656 0.006207 0.007019 0.005808	0.0001945 mg 0.009340 mg 0.009340 mg 0.0022798 mg 0.0025838 mg 0.0014455 mg 0.0006669 mg 0.0009241 mg 0.0009241 mg 0.0008497 mg 0.0029452 mg 0.0013389 mg 0.0013389 mg 0.001978 mg 0.001978 mg 0.001978 mg 0.001978 mg 0.001978 mg	9/L 9/L 9/L 9/L 9/L 9/L 1/L 1/L 1/L 1/L 1/L 1/L 1/L 1/L 1/L 1	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005982 0.005982 0.005982 0.005121 0.050653 0.004581 0.003134 -0.007343 0.006660 0.006856 0.006207 0.007019 0.005808	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.0022798 mg/L 0.0014455 mg/L 0.0006069 mg/L 0.0009241 mg/L 0.0009241 mg/L 0.0008497 mg/L 0.0013160 mg/L 0.0013389 mg/L 0.0023931 mg/L 0.001978 mg/L 0.0019078 mg/L 0.0019078 mg/L	$\begin{array}{c} 17.8 \\ 6.8 \\ 12.38 \\ 32.56 \\ 36.66 \\ 116.88 \\ 11.85 \\ 15.45 \\ 16.59 \\ 10.49 \\ 36.70 \\ 18.23 \\ 35.93 \\ 17.47 \\ 15.41 \\ 27.18 \\ 26.13 \end{array}$
il 308.215 is 188.979 249.677 a 233.527 e 313.107 a 430.253 a 317.933 d 226.502 o 228.616 r 267.716 u 324.752 e 302.107 e 238.204 g 279.077 n 257.610 o 202.031 i 231.604 p 220.353 o 206.836 e 196.026	-96.6 12.2 4394.7 309.3 14470.0 -19.0 -122.9 228.4 143.8 340.1 10851.9 15.7 156.3 -66.4 3091.0 59.4 165.5 30.1 9.9 12.3	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982 0.005121 0.0050653 0.004581 0.003134 -0.007343 0.006660 0.006856 0.006856 0.006207 0.007019 0.005808 0.010418	0.0001945 mg 0.0020049 mg 0.009340 mg 0.0022798 mg 0.0025838 mg 0.0014455 mg 0.0014455 mg 0.0006069 mg 0.0009241 mg 0.0009241 mg 0.0009241 mg 0.0029452 mg 0.0011504 mg 0.0013389 mg 0.0013389 mg 0.001978 mg 0.0019078 mg 0.0019078 mg 0.001978 mg	9/L 9/L 9/L 9/L 9/L 1/L 1/L 1/L 1/L 1/L 1/L 1/L 1/L 1/L 1	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005982 0.005121 0.050653 0.004581 0.003134 -0.007343 0.006660 0.006656 0.006207 0.007019 0.005808 0.010418	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.0025838 mg/L 0.001455 mg/L 0.0006069 mg/L 0.0009241 mg/L 0.0009241 mg/L 0.0008497 mg/L 0.0029452 mg/L 0.0013389 mg/L 0.0013389 mg/L 0.001978 mg/L 0.0019078 mg/L 0.0019078 mg/L 0.0015178 mg/L 0.0015751 mg/L	$\begin{array}{c} 17.8 \\ 6.8 \\ 12.36 \\ 32.56 \\ 36.66 \\ 116.88 \\ 11.85 \\ 15.45 \\ 16.59 \\ 10.49 \\ 36.70 \\ 18.23 \\ 35.93 \\ 17.47 \\ 15.41 \\ 27.18 \\ 26.13 \\ 15.12 \end{array}$
il 308.215 is 188.979 249.677 a 233.527 e 313.107 a 430.253 a 317.933 d 226.502 o 228.616 r 267.716 u 324.752 e 302.107 e 238.204 g 279.077 n 257.610 o 202.031 i 231.604 o 206.836 e 196.026 i 336.121	-96.6 12.2 4394.7 309.3 14470.0 -19.0 -122.9 228.4 143.8 340.1 10851.9 15.7 156.3 -66.4 3091.0 59.4 165.5 30.1 9.9 12.3 1971.2	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982 0.005121 0.005982 0.005121 0.0050653 0.004581 0.007343 0.006660 0.006660 0.006656 0.006207 0.007019 0.005808 0.010418 0.006322	0.0001945 mg 0.009340 mg 0.009340 mg 0.0022798 mg 0.0025838 mg 0.0014455 mg 0.0014455 mg 0.0006069 mg 0.0009241 mg 0.0009241 mg 0.00092452 mg 0.0013389 mg 0.0013389 mg 0.0013389 mg 0.001978 mg 0.001978 mg 0.001978 mg 0.001978 mg 0.001978 mg 0.001978 mg 0.001978 mg 0.0019718 mg 0.0019718 mg 0.0019718 mg	9/L 9/L 9/L 9/L 9/L 1/L 1/L 1/L 1/L 1/L 1/L 1/L 1/L 1/L 1	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005982 0.005982 0.005121 0.050653 0.004581 0.003134 -0.007343 0.006660 0.006660 0.006207 0.007019 0.005808 0.010418 0.006322	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.0025838 mg/L 0.0014455 mg/L 0.0006069 mg/L 0.0009241 mg/L 0.0009241 mg/L 0.0008497 mg/L 0.0029452 mg/L 0.0013389 mg/L 0.0013389 mg/L 0.001978 mg/L 0.001978 mg/L 0.0015178 mg/L 0.0015178 mg/L 0.0015751 mg/L 0.0022863 mg/L	$\begin{array}{c} 17.8 \\ 6.8 \\ 12.36 \\ 32.56 \\ 36.66 \\ 116.86 \\ 11.85 \\ 15.45 \\ 16.59 \\ 10.49 \\ 64.29 \\ 36.70 \\ 18.23 \\ 35.93 \\ 17.47 \\ 15.41 \\ 27.18 \\ 26.13 \\ 15.12 \\ 36.17 \end{array}$
il 308.215 is 188.979 249.677 a 233.527 e 313.107 a 430.253 a 317.933 d 226.502 o 228.616 r 267.716 u 324.752 e 302.107 e 238.204 g 279.077 n 257.610 o 202.031 i 231.604 p 220.353 o 206.836 e 196.026	-96.6 12.2 4394.7 309.3 14470.0 -19.0 -122.9 228.4 143.8 340.1 10851.9 15.7 156.3 -66.4 3091.0 59.4 165.5 30.1 9.9 12.3	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005130 0.005982 0.005121 0.0050653 0.004581 0.003134 -0.007343 0.006660 0.006856 0.006856 0.006207 0.007019 0.005808 0.010418	0.0001945 mg 0.0020049 mg 0.009340 mg 0.0022798 mg 0.0025838 mg 0.0014455 mg 0.0014455 mg 0.0006069 mg 0.0009241 mg 0.0009241 mg 0.0009241 mg 0.0029452 mg 0.0011504 mg 0.0013389 mg 0.0013389 mg 0.001978 mg 0.0019078 mg 0.0019078 mg 0.001978 mg	y/L y/L y/L y/L y/L y/L y/L y/L y/L L y/L L y/L L L L	-0.007895 0.011218 0.13595 0.005384 0.007002 -0.007044 -0.001237 0.005982 0.005121 0.050653 0.004581 0.003134 -0.007343 0.006660 0.006656 0.006207 0.007019 0.005808 0.010418	0.0001945 mg/L 0.0020049 mg/L 0.009340 mg/L 0.0006668 mg/L 0.0022798 mg/L 0.0025838 mg/L 0.001455 mg/L 0.0006069 mg/L 0.0009241 mg/L 0.0009241 mg/L 0.0008497 mg/L 0.0029452 mg/L 0.0013389 mg/L 0.0013389 mg/L 0.001978 mg/L 0.0019078 mg/L 0.0019078 mg/L 0.0015178 mg/L 0.0015751 mg/L	$\begin{array}{c} 17.8\\ 6.8\\ 12.3\\ 32.5\\ 36.6\\ 116.8\\ 11.8\\ 15.4\\ 16.5\\ 16.5\\ 36.7\\ 18.23\\ 36.7\\ 18.23\\ 35.93\\ 17.47\\ 15.41\\ 27.18\\ 26.13\\ 15.12\end{array}$

Method: TA	L LIST		Page 5		Date: 12/28/2000	3:32:06 PM
2n 206.200 Sn 189.927	255.1 30.0	0.007898 0.006581	0.0010184 mg/L 0.0010151 mg/L	0.007898 0.006581	0.0010184 mg/L 0.0010151 mg/L	12.89% 15.42%
lean Data -			*			
D: CCB		5	eq. No.: 9 5an	mple No.; 6	A/S Pos: 1	
ample Qty:	: 1.0000 g	I	Prep. Vol.:	1.0 L	A/S Pos: 1 Dilution: Date: 12/28/2000	1.0: 1.0
		۱ 	ata: Original		Date: 12/20/2000	5:25:47 PM
	Mean Corr.	Mean	Calib	Mean	Sample Std.Dev. Units	
Element	Intensity	Conc.	Std.Dev. Units	Conc.	Std.Dev. Units	RSD
360.073	2543283.6	4.9566	0.03066 mg/L			0.62:
Lg 338.289	88.7	0.000999	C.0003796 mg/L			37.99%
lg 328.068	119.3	0.000851	C.0002299 mg/L			27.03%
1 308.215	-171.7	-0.014031	C.0009410 mg/L			611.0
5 188.979	3.6	0.003348	0.0010582 mg/L			21.07
249.677	2450.1	0.075793	0.0039430 mg/L			5.20%
QC exceeds	s upper limit for	E 249.6//	Action = Continue			8.77.
a 233.527	59.8	0.001041	0.0000913 mg/L			21.201
e 313.107	3258.8	0.001577	0.0003343 mg/L			
a 430.253	-22.3	-0.008291	0.0053393 mg/L			64.40* 21.836
a 311.333	-4/8.0	-0.004809	0.0010499 mg/L			9.00%
a 220.302	34.7	0.000779	0.0000/01 mg/L			0.75%
0 228.616	29.2	0.001213	0.0000091 mg/L			14.68
1 207.710	6/.0	0.001008	0.0000913 mg/L 0.0003343 mg/L 0.0053393 mg/L 0.0010499 mg/L 0.0000701 mg/L 0.0000091 mg/L 0.0001500 mg/L 0.0016767 mg/L			5.15%
u 324.732	69//.9	0.032571	0.0016767 mg/L Action = Continue			3.130
VC exceeds	apper limit for	-0 005757	Action = Continue			16.71%
	-19.7	-0.005756	0.0009617 mg/L			4.13%
e 230.204	-212.8	-0.004268	0.0001/63 mg/L			0.15%
g 219.011	-108.4	-0.011985	0.0000180 mg/L			6.26%
n 207 021	522.5	0.001126	0.0000705  mg/L			22.02%
5 221 604	16.3	0.001880	0.0004140 mg/L			0.21%
L 231.004	40.8	0.001330	0.0000032 mg/L			32.765
D 220.333	J.0 / E	0.001310	0.0004291  mg/L			55.61%
a 196 026	1.7	0.002631	0.0014632  mg/L			13.325
E 196.026	3.4	0.002863	0.0003612 mg/L			32.05
1 100 801	352.7	0.001131	0.0003625 mg/L			13.311
1 190.801	1.7	0.000860	0.0001144  mg/L			
292.402	152.9	0.001149	0.0002262 mg/L			19.681
n 206.200	29.2	0.001304	0.0002634  mg/1			14.36 20.15
11 109.927	/.0	0.001/00	Action = Continue 0.0009617 mg/L 0.0001763 mg/L 0.0000180 mg/L 0.0000705 mg/L 0.0004140 mg/L 0.0004140 mg/L 0.0004291 mg/L 0.0004632 mg/L 0.0003812 mg/L 0.0003625 mg/L 0.0002626 mg/L 0.0002634 mg/L 0.0003437 mg/L			
ean Data -						
D: QC CHK		Se	q. No.: 10 Samp	ole No.: 2	A/S Pos: 6	
ample Qty:	1.0000 g	Pr Da	ep. Vol.: 1. ta: Original	0 L	A/S Pos: 6 Dilution: 1 Date: 12/28/2000	3:31:29 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
ement	Intensity	Conc.	Std.Dev. Units	Conc.	Std.Dev. Units	RSD
360.073	2526559.7	4.9240	0.00391 mg/L			0.08%
338.289	97590.5	1.0993	0.00243 mg/L			0.22%
328 068	155547.1	1.1089	0.00271 mg/L			0.24%
	upper limit for		Recovery = 110.893	Action = Cont	Inde	
308.215	12298.6	1.0052	0.00098 mg/L			0.10%
188.979	1136.5	1.0463	0.00984 mg/L			0.94%
						0.32%
	35437.6	1.0962	0.00352 mg/L			
233.527	60698.3	1.0564	0.00407 mg/L			0.39%
233.527 313.107	60698.3 211 <b>4</b> 978.2	1.0564 1.0234	0.00407 mg/L 0.00034 mg/L			0.03%
233.527 313.107 430.253	60698.3 2114978.2 2402.3	1.0564 1.0234 0.89230	0.00407 mg/L 0.00034 mg/L 0.002024 mg/L			
233.527 313.107 430.253 C exceeds	60698.3 2114978.2 2402.3 lower limit for	1.0564 1.0234 0.89230 Ca 430.253	0.00407 mg/L 0.00034 mg/L 0.002024 mg/L Recovery = 89.23%	Action = Cont.	inue	0.03%
233.527 313.107 430.253 C exceeds 317.933	60698.3 2114978.2 2402.3 lower limit for 99672.4	1.0564 1.0234 0.89230 Ca 430.253 1.0026	0.00407 mg/L 0.00034 mg/L 0.002024 mg/L Recovery = 89.23% 0.00730 mg/L	Action = Cont.	inue	0.03% 0.23% 0.73>
233.527 313.107 430.253 C exceeds 317.933 226.502	60698.3 2114978.2 2402.3 lower limit for 99672.4 46542.5	1.0564 1.0234 0.89230 Ca 430.253 1.0026 1.0451	0.00407 mg/L 0.00034 mg/L 0.002024 mg/L Recovery = 89.23% 0.00730 mg/L 0.00393 mg/L	Action = Cont.	inue	0.03% 0.23% 0.73> 0.38%
233.527 313.107 430.253 C exceeds 317.933 226.502 228.616	60698.3 2114978.2 2402.3 lower limit for 99672.4 46542.5 25203.3	1.0564 1.0234 0.89230 Ca 430.253 1.0026 1.0451 1.0486	0.00407 mg/L 0.00034 mg/L 0.002024 mg/L Recovery = 89.23% 0.00730 mg/L 0.00393 mg/L 0.00341 mg/L	Action = Cont.	inue	0.03% 0.23% 0.73> 0.38% 0.32%
233.527 313.107 430.253 C exceeds 317.933 226.502 228.616 267.716	60698.3 2114978.2 2402.3 lower limit for 99672.4 46542.5 25203.3 68947.5	1.0564 1.0234 0.89230 Ca 430.253 1.0026 1.0451 1.0486 1.0383	0.00407 mg/L 0.00034 mg/L 0.002024 mg/L Recovery = 89.23% 0.00730 mg/L 0.00393 mg/L 0.00341 mg/L 0.00558 mg/L	Action = Cont.	inue	0.03% 0.23% 0.38% 0.32% 0.54%
233.527 313.107 430.253 C exceeds 317.933 226.502 228.616 267.716 324.752	60698.3 2114978.2 2402.3 lower limit for 99672.4 46542.5 25203.3 68947.5 232804.4	1.0564 1.0234 0.89230 Ca 430.253 1.0026 1.0451 1.0486 1.0383 1.0867	0.00407 mg/L 0.00034 mg/L 0.002024 mg/L Recovery = 89.23% 0.00730 mg/L 0.00393 mg/L 0.00341 mg/L 0.00558 mg/L 0.00558 mg/L	Action = Cont	inue	0.03% 0.23% 0.38% 0.32% 0.54% 0.02%
233.527 313.107 430.253 C exceeds 317.933 226.502 228.616 267.716 324.752 302.107	60698.3 2114978.2 2402.3 lower limit for 99672.4 46542.5 25203.3 68947.5 232804.4 3397.9	1.0564 1.0234 0.89230 Ca 430.253 1.0026 1.0451 1.0486 1.0383 1.0867 0.99397	0.00407 mg/L 0.00034 mg/L 0.002024 mg/L Recovery = 89.23% 0.00730 mg/L 0.00393 mg/L 0.00391 mg/L 0.00558 mg/L 0.00027 mg/L 0.005304 mg/L	Action = Cont.	inue	0.03% 0.23% 0.38% 0.32% 0.54% 0.02% 0.53%
233.527 313.107 430.253 C exceeds 317.933 226.502 228.616 267.716 324.752 302.107 238.204	60698.3 2114978.2 2402.3 lower limit for 99672.4 46542.5 25203.3 68947.5 232804.4 3397.9 51935.4	1.0564 1.0234 0.89230 Ca 430.253 1.0026 1.0451 1.0486 1.0383 1.0867 0.99397 1.0418	0.00407 mg/L 0.00034 mg/L 0.002024 mg/L Recovery = 89.23% 0.00730 mg/L 0.00393 mg/L 0.00341 mg/L 0.00558 mg/L 0.00558 mg/L 0.005304 mg/L 0.00612 mg/L	Action = Cont.	inue	0.03% 0.23% 0.38% 0.32% 0.54% 0.02% 0.53% 0.59%
233.527 313.107 430.253 C exceeds 317.933 226.502 228.616 267.716 324.752 302.107 238.204 279.077	60698.3 2114978.2 2402.3 lower limit for 99672.4 46542.5 25203.3 68947.5 232804.4 3397.9 51935.4 9209.0	1.0564 1.0234 0.89230 Ca 430.253 1.0026 1.0451 1.0486 1.0867 0.99397 1.0418 1.0177	0.00407 mg/L 0.00034 mg/L 0.002024 mg/L Recovery = 89.23% 0.00730 mg/L 0.00393 mg/L 0.00341 mg/L 0.00556 mg/L 0.005304 mg/L 0.00512 mg/L 0.00851 mg/L	Action = Cont	inue	0.03% 0.23% 0.38% 0.32% 0.52% 0.02% 0.53% 0.59% 0.84%
317.933         226.502         228.616         227.716         324.752         302.107         238.204         279.077         257.610	60698.3 2114978.2 2402.3 lower limit for 99672.4 46542.5 25203.3 68947.5 232804.4 3397.9 51935.4 9209.0 496956.0	1.0564 1.0234 0.89230 Ca 430.253 1.0026 1.0451 1.0486 1.0383 1.0867 0.99397 1.0418 1.0177 1.0708	0.00407 mg/L 0.00034 mg/L 0.002024 mg/L Recovery = 89.23% 0.00730 mg/L 0.00393 mg/L 0.00558 mg/L 0.00558 mg/L 0.005304 mg/L 0.00512 mg/L 0.00851 mg/L 0.0060 mg/L	Action = Cont.	inue	0.03% 0.23% 0.38% 0.32% 0.54% 0.54% 0.53% 0.59% 0.84% 0.06%
233.527 313.107 430.253 20 exceeds 317.933 226.502 228.616 267.716 324.752 302.107 238.204 279.077 257.610 202.031	60698.3 2114978.2 2402.3 lower limit for 99672.4 46542.5 25203.3 68947.5 232804.4 3397.9 51935.4 9209.0 496956.0 8969.4	1.0564 1.0234 0.89230 Ca 430.253 1.0026 1.0451 1.0486 1.0383 1.0867 0.99397 1.0418 1.0177 1.0708 1.0353	0.00407 mg/L 0.00034 mg/L 0.002024 mg/L Recovery = 89.23% 0.00730 mg/L 0.00393 mg/L 0.00341 mg/L 0.00558 mg/L 0.005304 mg/L 0.00612 mg/L 0.00851 mg/L 0.0060 mg/L 0.00119 mg/L	Action = Cont.	inue	0.03% 0.23% 0.38% 0.32% 0.54% 0.02% 0.53% 0.59% 0.84% 0.06% 0.12%
233.527 313.107 430.253 C exceeds 317.933 226.502 228.616 267.716 324.752 302.107 238.204 279.077 257.610 202.031 231.604	60698.3 2114978.2 2402.3 lower limit for 99672.4 46542.5 25203.3 68947.5 232804.4 3397.9 51935.4 9209.0 496956.0 8969.4 28075.6	1.0564 1.0234 0.89230 Ca 430.253 1.0026 1.0451 1.0486 1.0383 1.0867 0.99397 1.0418 1.0177 1.0708 1.0353 1.0531	0.00407 mg/L 0.00034 mg/L 0.002024 mg/L Recovery = 89.23% 0.00730 mg/L 0.00393 mg/L 0.00341 mg/L 0.00558 mg/L 0.005504 mg/L 0.00612 mg/L 0.00612 mg/L 0.00619 mg/L 0.00616 mg/L	Action = Cont.	inue	0.03% 0.23% 0.38% 0.32% 0.54% 0.02% 0.53% 0.59% 0.84% 0.06% 0.12% 0.58%
233.527 313.107 430.253 C exceeds 317.933 226.502 228.616 267.716 324.752 302.107 238.204 279.077 257.610 202.031 231.604 220.353	60698.3 2114978.2 2402.3 lower limit for 99672.4 46542.5 25203.3 68947.5 232804.4 3397.9 51935.4 9209.0 496956.0 8969.4 28075.6 4535.0	1.0564 1.0234 0.89230 Ca 430.253 1.0026 1.0451 1.0486 1.0383 1.0867 0.99397 1.0418 1.0177 1.0708 1.0353 1.0531 1.0574	0.00407 mg/L 0.00034 mg/L 0.002024 mg/L Recovery = 89.23% 0.00730 mg/L 0.00393 mg/L 0.00341 mg/L 0.00558 mg/L 0.00558 mg/L 0.00612 mg/L 0.00610 mg/L 0.00616 mg/L 0.00616 mg/L 0.00615 mg/L	Action = Cont.	inue	0.03% 0.23% 0.38% 0.32% 0.54% 0.02% 0.53% 0.59% 0.59% 0.84% 0.06% 0.12% 0.58% 0.13%
233.527 313.107 430.253 C exceeds 317.933 226.502 228.616 267.716 324.752 302.107 238.204 279.077 257.610 202.031 231.604	60698.3 2114978.2 2402.3 lower limit for 99672.4 46542.5 25203.3 68947.5 232804.4 3397.9 51935.4 9209.0 496956.0 8969.4 28075.6	1.0564 1.0234 0.89230 Ca 430.253 1.0026 1.0451 1.0486 1.0383 1.0867 0.99397 1.0418 1.0177 1.0708 1.0353 1.0531	0.00407 mg/L 0.00034 mg/L 0.002024 mg/L Recovery = 89.23% 0.00730 mg/L 0.00393 mg/L 0.00341 mg/L 0.00558 mg/L 0.005504 mg/L 0.00612 mg/L 0.00612 mg/L 0.00619 mg/L 0.00616 mg/L	Action = Cont.	inue	0.03% 0.23% 0.38% 0.32% 0.54% 0.02% 0.53% 0.59% 0.84% 0.06% 0.12% 0.58%

Method: TAL	LIST		Page 6		Date: 12/28/2	000 3:45:28 PM
Ti 336.121	330016.2	1.0583	0.00200 mg/L			0.19%
T1 190.801	2124.2	1 0579	0.00075 mg/L			0.07%
V 292.402	136584.9	1.0268	0.00351 mg/L			0.34
Zn 206.200	34152.1	1.0575	0.00351 mg/L 0.00768 mg/L			0.73
Sn 189.927	-13.1	-0.002883	0.0002782 mg/L			9.65
Mean Data	*		eq. No.: 11 Samm	le No.: 3	A/S Pos: 7	
Sample Otv:	1.0000 g	I	eq. No.: 11 Samp rep. Vol.: 1.	0 L	Dilution:	1.0: 1.0
	,	Ē	ata: Original		Date: 12/28/2	000 3:37:45 PM
Element	Intensity	Conc.	Calib Std.Dev. Units 0.00195 mg/L 0.0000671 mg/L 0.0001514 mg/L	Conc.	Std.Dev. Uni	ts RSD
¥ 360.073	2175158.7	4.2392	0.00195 mg/L			Q.05 i
Ag 338.289	498.0	0.005610	0.0000671 mg/L			1.20:
Ag 328.068	51.3	0.000365	0.0001514 mg/L			41.43
MI 200.213	Ca91/00.0	303.20				U.10.
As 188.979	-49.6	-0.038330	0.0036149 mg/L 0.0034503 mg/L			9.43:
B 249.677	-2749.6	0.022693	0.0034503 mg/L			15.20:
Ba 233.527	-172.9	-0.003010	0.0000623 mg/L			2.07%
Be 313.107	1435.€	0.000695	0.0000311 mg/L			4.47
Ca 430.253	1716648.B	637.49	0.952 mg/L			0.15×
*QC exceeds t	upper limit for	: Ca 430.253	Recovery = 127.50%	Action = Con	tinue	
Ca 317.933	47987702.7	482.55	0.746 mg/L			0.15%
Cd 226.502	645.3	0.002874	0.0001910 mg/L			6.651
Co 228.616	45.6	-0.006162	0.0002684 mg/L			4.36%
Cr 267.716	-212.2	-0.003195	0.746 mg/L 0.0001910 mg/L 0.0002684 mg/L 0.0000717 mg/L			2.24%
Cu 324.752	4919.7	0.017122	0.0008980 mg/L 0.178 mg/L 0.252 mg/L 0.330 mg/L 0.0000035 mg/L 0.0000035 mg/L 0.0000991 mg/L 0.0017900 mg/L			5.24%
Fe 302.107	836728.7	244.77	0.178 mg/L			C.C73
Fe 238.204	8236501.9	165.22	0.252 mg/L			Ο.15ι
lg 279.077	5068113.0	560.31	0.330 mg/L			0.06:
in 257.610	3456.5	-0.004667	0.0000035 mg/L			0.07
to 202.031	-17.4	-0.005027	0.0003027 mg/L			6.02:
Ni 231.604	-13.5	-0.005705	0.0000991 mg/L			1.74 h
Pb 220.353	-85.0	0.002303	0.0017900 mg/L			77.73:
Sb 206.836	-32.7	-0.037041	0.0000913 mg/L			C.25 ·
Se 196.026	-42.0	0.017169	0.0000913 mg/L 0.0048063 mg/L			27.99%
ri 336.121	-569.9	-0.001828	0.0001490 mg/L			8.15
1 190.801	-77.4	-0.003086	0.0001490 mg/L 0.0015364 mg/L			49.798
V 292.402	-3282.1	0.002026	0.0001229 mg/L			ć.07*
Zn 206.200	701.9	-0.015747	0.0005297 mg/L			3.36:
Sn 189.927	-380.8	-0.20972	0.000526 mg/L			0.25%
Mean Data						
ID: ICS AB		Se	q. No.: 12 Sampl	e No.: 4	A/S Pos: 8	
Sample Qty:	1.0000 g	Pr	ep. Vol.: 1.0	l L	Dilution:	1.0: 1.0
			ta: Original		Date: 12/28/20	
	Mean Corr.	Mean	Calib Std.Dev. Units	Mean	Samp.	le
Element	Intensity	Conc.	Std.Dev. Units	Conc.	Std.Dev. Unit:	s RSD
360.073	2177669.0	4.2441	0.00259 mg/L 0.00193 mg/L			0.06%
Ag 338.289	110827.3	1.2485	0.00193 mg/L			0.15%
'QC exceeds u	pper limit for		Recovery = 124.85:	Action = Cont	inue	
Ag 328.068	174556.5		0.00150 mg/L			0.12%
			Recovery = $124.44$ %	Action = Cont	inue	
Al 308.215	6887349.5		1.040 mg/L			0.18%
	1157.5		0.00666 mg/L			0.62%
us 188.979		1.1073	0.00922 mg/L			0.833
	32312.8					0.09%
8 249.677 Ba 233.527	32312.8 59324.7	1.0325	0.00093 mg/L			
As 188.979 B 249.677 Ba 233.527 Be 313.107	32312.8	1.0325	0.00093 mg/L 0.00119 mg/L			0.119
8 249.677 Ba 233.527 Be 313.107 Ta 430 253	32312.8 59324.7 2217597.8 1705805.1	1.0325 1.0731 633.46	0.00119 mg/L 0.796 mg/L			0.139
8 249.677 Ba 233.527 Be 313.107 Ta 430 253	32312.8 59324.7 2217597.8 1705805.1	1.0325 1.0731 633.46	0.00119 mg/L 0.796 mg/L			0.13° 0.36%
8 249.677 3a 233.527 3e 313.107 3a 430.253 3a 317.933	32312.8 59324.7 2217597.8 1705805.1 47945942.0 44900.7	1.0325 1.0731 633.46 482.13 0.99664	0.00119 mg/L 0.796 mg/L 1.718 mg/L 0.002173 mg/L			0.13% 0.36% 0.22%
B 249.677 Ba 233.527 Be 313.107 Ta 430 253	32312.8 59324.7 2217597.8 1705805.1 47945942.0	1.0325 1.0731 633.46 482.13 0.99664	0.00119 mg/L 0.796 mg/L 1.718 mg/L			0.13° 0.36%
8 249.677 8 233.527 8 313.107 2 430.253 2 317.933 2 226.502 2 28.616	32312.8 59324.7 2217597.8 1705805.1 47945942.0 44900.7	1.0325 1.0731 633.46 482.13 0.99664	0.00119 mg/L 0.796 mg/L 1.718 mg/L 0.002173 mg/L			0.13% 0.36% 0.22%
B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716	32312.8 59324.7 2217597.8 1705805.1 47945942.0 44900.7 22751.5	1.0325 1.0731 633.46 482.13 0.99664 0.93852 1.0204	0.00119 mg/L 0.796 mg/L 1.718 mg/L 0.002173 mg/L 0.001374 mg/L			0.13° 0.36% 0.22% 0.15% 0.13 0.55%
B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752	32312.8 59324.7 2217597.8 1705805.1 47945942.0 44900.7 22751.5 67758.1 236246.5 836709.6	1.0325 1.0731 633.46 482.13 0.99664 0.93852 1.0204	0.00119 mg/L 0.796 mg/L 1.718 mg/L 0.002173 mg/L 0.001374 mg/L 0.001379 mg/L 0.00598 mg/L 0.375 mg/L			0.13° 0.36% 0.22% 0.15% 0.13
8 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502	32312.8 59324.7 2217597.8 1705805.1 47945942.0 44900.7 22751.5 67758.1 236246.5 836709.6	1.0325 1.0731 633.46 482.13 0.99664 0.93852 1.0204 1.0969	0.00119 mg/L 0.796 mg/L 1.718 mg/L 0.002173 mg/L 0.001374 mg/L 0.001379 mg/L 0.00598 mg/L 0.375 mg/L			0.13° 0.36% 0.22% 0.15% 0.13 0.55%
B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cr 324.752 Fe 302.107 Fe 238.204	32312.8 59324.7 2217597.8 1705805.1 47945942.0 44900.7 22751.5 67758.1 236246.5 836709.6 8254279.9	1.0325 1.0731 633.46 482.13 0.99664 0.93852 1.0204 1.0269 244.76	0.00119 mg/L 0.796 mg/L 1.718 mg/L 0.002173 mg/L 0.001374 mg/L 0.00129 mg/L 0.00598 mg/L 0.375 mg/L 0.469 mg/L			0.13° 0.36% 0.22% 0.15% 0.13 0.55% 0.15%
B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cr 324.752 Fe 302.107 Fe 238.204	32312.8 59324.7 2217597.8 1705805.1 47945942.0 44900.7 22751.5 67758.1 236246.5 836709.6	1.0325 1.0731 633.46 482.13 0.99664 0.93852 1.0204 1.0969 244.76 165.57 560.38	0.00119 mg/L 0.796 mg/L 1.718 mg/L 0.002173 mg/L 0.001374 mg/L 0.001379 mg/L 0.00598 mg/L 0.375 mg/L			0.13° 0.36% 0.22% 0.15% 0.13° 0.55% 0.15% 0.28%
B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Ig 279.077	32312.8 59324.7 2217597.8 1705805.1 47945942.0 44900.7 22751.5 67758.1 236246.5 836709.6 8254279.9 5068821.9	1.0325 1.0731 633.46 482.13 0.99664 0.93852 1.0204 1.0969 244.76 165.57 560.38 1.0379	0.00119 mg/L 0.796 mg/L 1.718 mg/L 0.002173 mg/L 0.001374 mg/L 0.00129 mg/L 0.00598 mg/L 0.375 mg/L 0.469 mg/L 0.408 mg/L			0.13° 0.36% 0.22% 0.15% 0.13 0.55% 0.15% 0.28% 0.07%
B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 fg 279.077 In 257.610	32312.8 59324.7 2217597.8 1705805.1 47945942.0 44900.7 22751.5 67758.1 236246.5 836709.6 8254279.9 5068821.9 487320.1	1.0325 1.0731 633.46 482.13 0.99664 0.93852 1.0204 1.0969 244.76 165.57 560.38 1.0379 0.99562	0.00119 mg/L 0.796 mg/L 1.718 mg/L 0.002173 mg/L 0.001374 mg/L 0.00129 mg/L 0.00598 mg/L 0.375 mg/L 0.469 mg/L 0.408 mg/L 0.00077 mg/L			0.13° 0.36% 0.22% 0.15% 0.13 0.55% 0.15% 0.28% 0.07%

Method: TAL L	IST		Page 32	<u> </u>	Date: 12/28/2000	8:09:14 PM
Cr 267.716	_15 5	-0.000233	0.0002178 mg/L	-0.000233	0.0002178 mg/L	93.343
Cu 324.752		-0.008424	0.0003213 mg/L	-0.008424		3.81%
Fe 302.107	8.5	0.002497	0.0007113 mg/L	0.002497	0.0007113 mg/L	28.49%
Fe 238.204	-323.7	-0.006493	0.0003237 mg/L	-0.006493	0.0003237 mg/L	4.99%
Mg 279.077	_52 7	-0 005825	0.0016793 mg/L	-0.005825	0.0003237 mg/L 0.0016793 mg/L 0.0001742 mg/L 0.0002627 mg/L	28.83
		0 000400	0.0001742 mg/L	0.000498	0.0001742 mg/L	34.99%
Mo 202.031	231.1 5.8 18.3 11.1	0.000669	0.0002627 mg/L	0.000669	0.0002627 mg/L	39.27%
Ni 231.604	18.3	0.000685	0.0002293 mg/L	0.000685	0.0002295 mg/L	33.48%
РЬ 220.353	11.1	0.002583		0.002583	0.0006616 mg/L	25.61%
SE 206.836	0.6	0.000380	0.0001922 mg/L	0.000380	0.0001922 mg/L	50.58% 56.54
Se 196.026	2.1	0.001775	0.0010037 mg/L	0.001775	0.0010037 mg/L	56.54
Ti 336.121	0.6 2.1 162.1	0.000520	0.0002329 mg/L	0.000520	0.0002329 mg/L 0.0015509 mg/L	44.805
T1 190.801	2.1	0.001033	0.0015509 mg/L	0.001033	0.0015509 mg/L 0.0002980 mg/L 0.0002095 mg/L	130.10% 50.10%
V 292.402	68.2	0.000513	0.0002980 mg/L	0.000513	0.0002980 mg/L	176 745
2n 206.200	-4.9	-0.000153	0.0002095 mg/L	-0.000153	0.0002095 mg/L 0.0006849 mg/L	150.745
				0.000451	0.0006849 mg/L	151.90;
Mean Data				mpla No ( 38	N/S Post 46	
ID: MBIZZ800-5	1 0000 mT	5	eq. No.: 56 Sam rep. Vol.:	щоте No.: 38 1 0 mT	A/S Pos: 46 Dilution: 1	0. : 0
sample OtA:	1.0000 mL	D.	ata: Original		Difution: 1 Date: 12/28/2000	
	Maga 2					
Flement	Mean Corr. Intensity	Mean	Callb Std. Dev. Unite	Mean	Sample Std.Dev. Units 0.0005922 mg/L 0.0003299 mg/L 0.0039753 mg/L 0.0037608 mg/L	RSD
Y 360 072	2557354 1	4 9840	0.02521  mm/T	conc.	PERIDEA! AUTOR	0.51%
1 300.073 An 338 286	233,233,1	0.000488	0.005922 mg/L	0.000488	0.0005922 mg/L	121,28%
Ag 328 049	- 5 5	-0.000046	0.0003299 mm/L	-0.000046	0.0003299 mg/L	710.15
AJ 308 215	-156 7	-0.012805	0.0039753 mc/T	-0.012805	0.0039753 mg/L	31.05
As 188 979	-1.4	-0.001305	0.0037608 mg/L	-0.001305	0.0037608 mg/L	31.05 288,15
As 188.979 B 249.677	-172 1	-0.005324	0.0002754 mg/L		0.0002754 mg/L	5.17%
Ba 233 527				-0.000110	0.0000470 mg/L	42.60%
Ba 233.527 Be 313.107	-435.4	-0.000110	0.0000214  mg/L		0.0000214 mg/L	42.60% 10.18%
Ca 430.253		0.012973	0.0032539 mg/L	0.012973	0.0032539  mg/L	25.08
Ca 317.933		-0.005365	0.0006301 mg/L		0.0006301 mg/L	11.74%
Cd 226.502		-0.001071	0.0000137 mg/L		0.0000137 mg/L	1.283
Co 228.616		-0.000178	0.0001018 mg/L	-0.000178	0.0001018 mg/L	57.13%
Cr 267.716			0.0000343 mg/L	0.000113 -	0.0000343 mg/L	
Cu 324.752	504.4	0.000113 0.002354	0.0007198 mg/L	0.000113 - 0.002354	0.0007198 mg/L	30.46 30.57/
Fe 302.107	33.1	0.009694	0.0053287 mg/L	0.009694	0.0053287 mg/L	54.97
Fe 238.204		-0.005613	0.0002100  mg/L	-0.005613	0.0002100 mg/L	3.74
		-0.001534	0.0005386 mg/L	-0.001534	0.0005386 mg/L	35.12.
Mn 257.610	61.0	0.000131	0.0000234 mg/L	0.000131		17.82
Mo 202.031	-0.8	-0.000098	0.0004116 mg/L	-0.000098	0.0000234 mg/L 0.0004116 mg/L 0.0001080 mg/L	420.38%
Ni 231 604	-0.8 -34.7	-0.001301	0.0001080 mg/L	-0.001301	0.0001080 mg/L	B.30 ·
Pb 220.353	13.3 -0.6	0.003113	0.0001196 mg/L 0.00053267 mg/L 0.0005386 mg/L 0.0000234 mg/L 0.0000234 mg/L 0.0001080 mg/L 0.0001080 mg/L 0.0002043 mg/L 0.0016617 mg/L	0.003113	0.0002043 mg/L	ē.5ē
Sb 206.836	-0.6	-0.000381	0.0016617 mg/L	-0.000381	0.0016617 mg/L	43ć.65
Se 196 026	87	0 007060	0.0034655 ma/l	0 007060	D 0034655 mg/L	49 09:
Ti 336.121	287.2	0.000921	0.0003803 mg/L	0.000921	0.0003803 mg/L	41.296
Tl 190.801	-10.3	-0.005124	0.0018953 mg/L	-0.005124	0.0018953 mg/L	36.99
V 292.402	57.7	0.000434	0.0002370 mg/L	0.000434	0.0002370 mg/L	54.63%
Zn 206.200	-1.1	-0.000034	0.0002153 mg/L	-0.000034	0.0002153 mg/L	642.01%
Sn 189.927	30.9	0.006780	0.0004202 mg/L	0.006780	0.0003803 mg/L 0.0018953 mg/L 0.0002370 mg/L 0.0002153 mg/L 0.0004202 mg/L	6.20 k
ID: RF122800-S	1	Se	g. No.: 57 Sam	ple No.: 39	A/S Pos: 47	
Sample Qty:	1.0000 mL	Pr	ep. Vol.: 1	.0 mL	Dilution: 1.	U: 1.0
		Da	ta: Original		Date: 12/28/2000	8:08:38 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
Element	Intensity	Conc.	Std.Dev. Units	Conc.	Std.Dev. Units	RSD
Y 360.073	2544422.4	4.9588	0.03220 mg/L			0.65%
Ag 338.289	92348.9	1.0403	0.00728 mg/L	1.0403	0.00728 mg/L	0.70%
Ag 328.068	146525.4	1.0445	0.00762 mg/L	1.0445	0.00762 mg/L	0.73%
A1 308.215	10514.7	0.85942	0.013991 mg/L	0.85942	0.013991 mg/L	1.63
As 188.979	1036.5	0.95421	0.000562 mg/L	0.95421	0.000562 mg/L	0.065
E 249.677	29690.9	0.91846	0.000622 mg/L	0.91846	0.000622 mg/L	0.07
	58460.8	1.0175	0.00150 mg/L	1.0175	0.00150 mg/L	0.15:
Ba 233.527			0.001159 mg/L	0.98172	0.001159 mg/L	0.12:
Ba 233.527 Be 313.107	2028788.8	0.98172				
Ba 233.527 Be 313.107 Ca 430.253	2028788.8 2467.8	0.98172 0.91665	0.000240 mg/L	0.91665	0.000240 mg/L	0.03%
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933	2028788.8 2467.8 97793.6	0.98172 0.91665 0.98371	0.000240 mg/L 0.002023 mg/L	0.91665 0.98371	0.000240 mg/L 0.002023 mg/L	0.03% 0.21%
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502	2028788.8 2467.8 97793.6 43461.5	0.98172 0.91665 0.98371 0.97594	0.000240 mg/L 0.002023 mg/L 0.000669 mg/L	0.91665 0.98371 0.97594	0.000240 mg/L 0.002023 mg/L 0.000669 mg/L	0.03% 0.21% 0.07%
Mean Data ID: RF122800-S: Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716	2028788.8 2467.8 97793.6 43461.5 24912.0 69206.8	0.98172 0.91665 0.98371 0.97594 1.0365 1.0422	0.000240 mg/L 0.002023 mg/L 0.000669 mg/L 0.00372 mg/L	0.91665 0.98371 0.97594 1.0365	0.000240 mg/L 0.002023 mg/L 0.000669 mg/L 0.00372 mg/L 0.00481 mg/L	0.03% 0.21% 0.07% 0.36%

Method: TAL LI	ST.			Page	33	Date: 12/28/2000	8:22:28 PM
		1 0010	0 0170	0 /7			1 104
Сц 324.752		1.0018		9 mg/1	. 1.0018	0.01189 mg/L	1.195
Fe 302.107	3197.0	0.93520	0.00291	9 mg/I	0.93520	0.002919 mg/L 0.00324 mg/L	0.31%
Fe 238.204	51540.4	1.0339	0.0032	4 mg/I	, 1.0339	0.00324 mg/L	0.31%
Mg 279.077	8954.3	0.9895/	0.00330	3 mg/L	0.98957	0.003303 mg/L 0.00111 mg/L	0.33%
Mn 257.610 Mo 202.031 Ni 231.604 Pb 220.353	488469.9	1.0525	0.0011	1 mg/L	1.0525	0.00111 mg/L	0.118
Mo 202.031	9348 3	1.0791	0.0032	$9 \text{ m}\alpha/L$	1.0525 1.0791 1.0095 0.98666 1.0156 0.94053 0.99399 1.0001 1.0212 1.0463 0.002407	0.00329 mg/L	0.30%
Ni 221 604	76914 4	1 0095	0 0021	$7 m \sigma / T$	1 0095	0.00217 mg/L	0.21%
NI 201.004	4221 6	0.00666	0.00635	·	n anset	0.006359 mg/I	0.641
PB 220.353	4231.0	1 0156	0.00055	9 mg/L	0.98060	0.00550 mg/L	0.55:
Sb 206.836 Se 196.026 Ti 336.121 Tl 190.801 V 292.402 Zn 206.200	1/28.5	1.0156	0.0006	o mog/⊥	1.0136	0.003050 (1	0.31:
Se 196.026	1109.1	0.94053	0.00295	0 mg/L	0.94053	0.002950 mg/1	0.31:
Ti 336.121	309955.4	0.99399	0.00036	ő mg∕L	0.99399	0.000366 mg/L	0.045
T1 190.801	2008.0	1.0001	0.0012	4 mg/L	1.0001	0.00124 mg/L	0.12t
V 292.402	135839.8	1.0212	0.00531	8 mg/L	1.0212	0.00538 mg/L	0.53%
Zn 206.200	33789.0	1.0463	0.00148	3 mg/L	1.0463	0.00148 mg/L	0.14%
Sn 189,927	11.0	0.002407	0.000354	6 mg/L	0.002407	0.0003546 mg/L	14.73:
Mean Data							
ID: WS75403		s	eg. No.: 58	3	Sample No.: 40	A/S Pos: 45	
Sample Ofv:	$0.5100 \sigma$	- P	rep Vol		50.0 mL		1.0: 1.
pumbre Selt	0.0100 g	ב	ata: Origir	lal		Date: 12/28/2000	
					50.0 mL		
	Mean Corr.	Mean		Cali	0 Mean 5 Conc. 0.15705 0.11076	Sample	
Element	Intensity	Conc.	Std.Dev.	Units	s Conc.	Std.Dev. Units	RSD
Y 360.073	2515008.5	4,9015	0.01623	mg/L			Ç.33:
Ag 338.289 Ag 328.068 Al 308.215	142.2	0,001602	0.0000083	mc/T.	s Conc. 0.15705 0.11076 9155.3 7.1766 -0.25784 102.20 0.83582 21484 18737 0.48740 6.0630	0.000814 mg/kg	0.525
Ng 330.209	158 5	0 001130	0.00000000	mg/T	0 11076	0.003153 mg/kg	2.85:
AU 520.000	130.3	0.001130	0.0000022	$m_{q}/1$	B155 3	22 08 mg/kg	0 74.
AI 308.213	1142313.1	23.304 0 077001	0.2202		7 1744	0 55543 mg/kg	9 17.
Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313 107	72.9	0.073201	0.0059816	mg/L	7.1700		1- 54.
B 249.677	-3002.0	-0.002630	0.0004349	mg/L	-0.25784	0.042642 mg/kg	10.040
Ba 233.527	59895.5	1.0425	0.00360	mg/L	102.20	0.353 mg/kg	Ç.35t
Be 313.107	17618.1	0.008525	0.0000419	mg/L	0.83582	0.004103 mg/kg	0.49
Ca 430.253	17618.1 589965.1	219.14	0.140	mg/L	21484	13.7 mg/kg	0.06%
Ca 317.933	18999440.3	191.12	0.037	ma/L	18737	3.6 m.g/kg	0.02.
Cd 226.502	654.6	0 004971	n nnn3777	ma/T	0 48740	0.036977 mg/kg	7.59
Co 228.616	1649 6	0.001971	0.0000172	may/1	6 0 6 3 0	0 00465 mg/kg	0.08
		0.061842	0.0000476	mg/L		0.0455 mg/kg	
CE 267.716	11142.2	0.16780	0.000464	mg/L	16,451 -	0.0453 mg/kg	
Cr 267.716 Cu 324.752	68860.5	0.32142	0.001239	mg/L	31.511	0.036977 mg/kg 0.00466 mg/kg 0.1215 mg/kg 48.4 mg/kg 0.3 mg/kg 5.36 mg/kg 0.801 mg/kg 0.072660 mg/kg	0.39
Fe 302.107 Fe 238.204	700711.0	204.98 166.58 40.077 7.9161	0.493	mg/L	20096	48.4 mg/kg	2.24
Fe 238.204	8304208.4	166.58	0.003	mg/L	1€331	0.3 mg/kg	0.00:
Fe 238.204 Mg 279.077 Mn 257.610 Mo 202.031	361051.5	40.077	0.0546	mg/L	3929.1	5.36 mg/kg	0.14:
Mn 257.610	3673845.4	7.9161	0.00817	ma/L	776.09	0.801 mg/kg	0.10
Mo 202 031	33 7	0 002004	n non 781 1	m / T	0.38181	0.072660 mg/kg	19.03%
Mo 202.031 Ni 231.604 Pb 220.353 Sb 206.836	5025 0	0.16889	0.003 0.0546 0.00817 0.0007411 0.000216 0.001437	$m_{T}/T$	18.519 57.425 -0.31845 -1.0561	0.0212 mg/kg	0.11;
NE 231.004	3033.9	0.10009	0.000210		ET 475	0 1409 mg/kg	0.25.
PD 220.333	2521.9	0.38373	0.001437	mg/L	219.10	0.1409 mg/kg	5 10.
SB 206.836	-5.5	-0.003248	0.0001031	mg/L	-0.31845	0.010113 mg/kg	3.103
Se 196.026	-49.7	-0.010772	0.0060759	mg/L	-1.0561	0.59567 mg/kg	5c.40 ·
Ti 336.121	50491.6	0.16189	0.001110	mg/L	15.871	0.1089 mg/kg	Ú.69.
Tl 190.801	-50.9	-0.007972	0.0030064	mg/L	-0.78153	0.294741 mg/kg	37.71*
V 292,402	20154.6	0.17387	0.000457	mg/L	17.047	0.0448 mg/kg	0.26%
2n 206 200	49294	1.5264	0.00627	$m\sigma/T$	149 64	0.615 mg/kg	0.41
Sn 189 927	-307 7	-0 069240	0.00027	mg/L	-1.0561 15.871 -0.78153 17.047 149.64 -6.6902	0.17976 mg/kg	2.69-
	-307.7	0.000290	A.9070335	ing/ D	0.0004	strate maring	
Mean Data		<b></b>					
ID: WS75403 DUP		Se	q. No.: 59	S	ample No.: 41 50.0 mL	A/S Pos: 49	
Sample Qty:	0.5000 g	Pr	ep. Vol.:		50.0 mL	Dilution: 1	.0: 1.0
		Da	ta: Origina	<b>a</b> l		Date: 12/28/2000	8 21 29 PM
				0 . 1 <i>.</i> 1	·····		
	Mean Corr.	Mean		CALID	Mean	Sample	DED
Element	Intensity	Conc.	Sta.Dev.	Units	conc.	Stallev. Units	<sup>K3D</sup> <sup>A3D</sup>
Y 360.073	2444091.5	4.7633	0.05082	mg/L			1.07.
Ag 338.289	-25.7	-0.005510	0.0001446	mg/L	-0.55104	0.014457 mg/kg	2.62:
Ag 328.068	208.0	0.001483	0.0000214	mg/L	Ú.1483⊥	0.002140 mg/kg	1.44.
A1 308.215	1622741.1	132.64	0.157	mg/L	13264	15.7 mg/kg	0.12
As 188.979	90.0	0.092423	0.0004340	mg/T.	9.2423	0.04340 mg/kg	Ü.47×
B 249 677	-4212 5	0 009992	0 0010352	mg/T	0 99927	0.103525 mg/kg	10.36
0 247.0//	-4213.0	0.003332	0.0010333	10g/11	V.22244	6 702 ma/kg	0 30
sa 233.527	134026.0	2.3321	0.00702	mg/L	233.21	0.702 mg/kg	0.30
Be 313.107	24172.5	0.011697	0.0000226	mg/L	1.1697	0.00226 mg/kg	0.19:
Ca 430.253	1022403.7	379.73	0.680	mg/L	37973	68.0 mg/kg	<b>C.18</b> ·
Ca 317.933	31192803.7	313.71	1.281	mg/L	31371	128.1 mg/kg	0.41%
d 226 502	845 2	0.003851	0.0003548	ma/1	0.38507	0.035477 ma/ka	9.21%
- 778 616	1634 5	0.053031	0.0005444	mg/T	5 7005	0.05664 mg/kg	0 99
10 228,616	1624.5	0.057095	0.0005664	mg/L	5.7095	0.00004 mg/kg	1 0.990
r 267.716	25341.2	0.30163	0.000425	mg/L	38.163 -	0.0425 mg/kg '-	0.11
TI 224 752	78527.0	0.37188	0.001789	mg/L	37.188	0.1789 mg/kg	0.48:
Ca 317.933 Cd 226,502 Co 228,616 Cr 267.716 Cu 324.752	31192803.7 845.2 1624.5 25341.2 78527.0	313.71 0.003051 0.057095 0.38163 0.37188	1.281 0.0003548 0.0005664 0.000425 0.001789	mg/L mg/L mg/L mg/L	Mean Conc. -0.55104 0.14831 13264 9.2423 0.99922 233.27 1.1697 37973 31371 0.38507 5.7095 38.163 - 37.188	128.1 mg/kg 0.035477 mg/kg 0.05664 mg/kg 0.0425 mg/kg 0.1789 mg/kg	0.4 9.2 0.9 1.0.1 0.4

where we

Method: TAL LI			Page		Date: 12/28/2000	
En 302 107	1089753 8	318.70	0.787 mg	/1. 31878	78.7 ma/ka	0.25%
Fe 239 204	11581479.4	232.32	1.222 mg	/L 23232	122.2 mg/kg	0.53%
Mg 279.077	460952.0	51.215	0.1777 mg	/L 5121.5	17.77 mg/kg	0.35%
Mn 257.610	6500948.8	14.008	0.0612 mg	L 1400.8	6.12 mg/kg	0.44%
Mo 202.031	17.5	0.004162	0.0001398 mg/	L 0.41617	0.013980 mg/kg	3.363
Ni 231.604	4994.4	0.18056	0.001548 mg/	L 18.056	0.1548 mg/kg	0.864
Pb 220.353	3530.2	0.81887	0.005529 mg/	L 81.887	0.5529 mg/kg	0.68%
Sb 206.836	-10.9	-0.006430	0.0020106 mg/	L -0.64302	0.201855 mg/kg	31.39%
Se 196.026	-74.5	-0.014421	0.0027647 mg/	′L -1.4421	0.27647 mg/kg	19.17%
Ti 336.121	171468.0	0.54988	0.002476 mg/	L 54.988	0.2476 mg/kg	0.45%
T1 190.801	-69.4	-0.007572	0.0008706 mg/	'L -0.75721	0.087056 mg/kg	11.50%
V 292.402	28504.0	0.24906	0.000302 mg/	L 24.906	0.0302 mg/kg	0.12%
2n 206.200	52197.2	1.6163	0.00806 mg/	L 161.63	0.806 mg/kg	0.50%
Sn 189.927	-420.4	-0.097655	0.0009865 mg/	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	0.09865 mg/kg	1.01%
Mean Data						
ID: WS75403 SP	PK		Seq. No.: 60	Sample No.: 42 50.0 mL	A/S Pos: 50	
Sample Qty:	0.5100 g		Prep. Vol.:	50.0 mL	Dilution:	1.0: 1.0
			Data: Original		Date: 12/28/2000	8:28:20 PM
	Mean Corr.	Mean	Cal	ib Mean ts Conc. L B8.634 L 88.674 L 13503 L 88.014 L 66.930 L 205.38 L 87.444 L 30314 L 25046 L 80.097 L 88.514 L 107.90 -	Sample	
Element	Intensity	Conc	. Std.Dev. Uni	ts Conc.	Std.Dev. Units	RSD
Y 360.073	2512695.2	4,8970	0.00845 mg/	L		0.175
Ag 338.289	80256.0	0.90407	0.004572 mg/	L 88.634	0.4483 mg/kg	0.51
Ag 328.068	126877.6	0.90448	0.004044 mg/	L 88.674	0.3965 mg/kg	0.45:
Al 308.215	1685024.2	137.73	0.243 mg/	L 13503	23.9 mg/kg	0.18
As 188.979	966.2	0.89775	0.004290 mg/	L 88.014	0.4206 mg/kg	0.48
B 249.677	19133.1	0.68268	0.000675 mg/	L 66.930	0.0662 mg/kg	0.10
Ba 233.527	120365.1	2.0949	0.00265 mg/	L 205.38	0.260 mg/kg	0.13:
Be 313.107	1843234.2	0.89193	0.001541 mg/	L 87.444	0.1511 mg/kg	0.175
Ca 430.253	832550.9	309.21	0.626 mg/1	L 30314	él.3 mg∕kg	C.20 t
Ca 317.933	25402611.7	255.47	3.950 mg/	L 2504é	387.2 mg/kg	1.55 t
Cd 226.502	36967.6	0.81699	0.000506 mg/	L 80.097	0.0496 mg/kg	0.06
Co 228.616	21919.1	0.90284	0.000336 mg/	L 88.514	0.0329 mg/kg	0.04;
Cr 267.716	73076.8	1.1005	0.00272 mg/ 0.00710 mg/ 0.479 mg/ 2.432 mg/ 0.0660 mg/ 0.1518 mg/ 0.1518 mg/	L 107.90 —	0.266 mg/kg 0.696 mg/kg 47.0 mg/kg 238.4 mg/kg	NY 0.25
Cu 324.752	274947.4	1.2834	0.00710 mg/1	L 125-62	0.696 mg/kg	ΰ.55 s
Fe 302.107	945439.8	276.57	0.479 mg/1	27115	47.0 mg/kg	0.17
Fe 238.204	10209996.7	204.80	2.432 mg/3	20079	238.4 mg/kg	1.19%
Mg 279.077	470802.1	52.267	0.0560 mg/1	5124.2	6.47 mg/kg	0.13
Mn 257.610	5394151.8	11.623	0.1518 mg/1	1139.5	14.88 mg/kg	
Mo 202.031	6285.2	0.73178	0.000436 mg/1 0.00112 mg/1	2 71.743	0.0427 mg/kg	0.06%
Ni 231.604	26965.7	1.0056	0.00112 mg/1	98.587	0.1098 mg/kg	0.11.
Pb 220.353	5853.1	1.3623	0.00020 mg/1	133.56	0.020 mg/kg	0.01%
Sb 206.836	48.0	0.028183	0.0007530 mg/I	5124.2 5124.2 1139.5 71.743 98.587 133.56 2.7630 78.958 67.919	0.07383 mg/kg	2.67%
Se 196.026	899.9	0.80537	0.0007530 mg/I 0.010627 mg/I	78.958	1.0419 mg/kg	1.32%
74 776 171	216027 7	0 60370	0 012420/1	67.919	1.3166 mg/kg	1.94:
T1 190.801	1537.9	0.78932	0.004263 mg/I	77.384	0.4179 mg/kg	6.54%
V 292.402	136202.6	1.0541	0.00366 mg/I	103.34	0.358 mg/kg	C.35
Zn 206.200	79348.6	2.4570	0.00074 mg/1	, 240.88	0.072 mg/kg	0.03%
Sn 189.927	-324.0	-0.073554	0.0017796 mg/I	77.384 103.34 240.88 -7.2112	0.17447 mg/kg	2.42%
Mean Data						
ID: FLUSH	1 0000	S	eq. No.: 61	Sample No.: 43	A/S Pos: 51	0. 1.0
Sample Oth:	1.0000 mL	P	rep. vol.: ata: Original	Sample No.: 43 1.0 mL	Difución: 1 Date: 12/28/2000	8:34:50 PM
				L		
Planart	Mean Corr.	Mean	Calı Calı	D Mean	Sample Sad Dave Vice	DCD
Element	intensity	Conc.	stallev. Unit	s Conc.	Std.Dev. Units	KSU 6 04
1 300,073	2393376.0	0.000400	0.00193 mg/L	0.000400	0 0001400 /*	0.04%
Ng 338.289	6.15	0.000427	0.0001408 mg/1	0.000427	0.0001408 mg/L	32.980
Ng 328.068	17.9	0.000127	0.0000e02 mg/L	0.000127	0.0000602 mg/L	47.26%
L 308.215	762.6	0.062330	0.0269130 mg/L	0.062330	0.0269130 mg/L	43.1B
AS 188.979	1.9	0.001735	0.006/436 mg/L	0.001735	0.006/436 mg/L	389.77
B 249.677	-117.6	-0.003637	0.0005118 mg/L	-0.003637	0.0005118 mg/L	14.07
Ba 233.527	51.7	0.000900	0.0004474 mg/L	0.00000.0	0.0004474 mg/L	49.69:
	288.4	0.000140	0.0001950 mg/L	0.000140	0.0001950 mg/L	139.723
Se 313.107	100 0	0.17223	0.059524 mg/L	0.17223	0.059524 mg/L	34.56%
Ca 430.253	463.7			0 15211	D D C E 4 D C - / Y	43 0 44
Ca 430.253 Ca 317.933	15121.3	0.15211	0.065496 mg/L	0.15211	0.065496 mg/L	43.06%
Ca 430.253 Ca 317.933 Cd 226.502	463.7 15121.3 -19.1	0.15211 -0.000428	0.065496 mg/L 0.0000770 mg/L	-0.000428	0.0003498 mg/L 0.0000770 mg/L	18.00%
Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616	463.7 15121.3 -19.1 12.6	0.15211 -0.000428 0.000522	0.065496 mg/L 0.0000770 mg/L 0.0001327 mg/L	-0.000428 0.000522	0.005496 mg/L 0.0000770 mg/L 0.0001327 mg/L	43.00% 18.00% 25.42%
Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716	463.7 15121.3 -19.1 12.6 -9.8	0.15211 -0.000428 0.000522 -0.000148	0.065496 mg/L 0.0000770 mg/L 0.0001327 mg/L 0.0002689 mg/L	-0.000428 0.000522 -0.000149	0.0003490 mg/L 0.0000770 mg/L 0.0001327 mg/L 0.0002689 mg/L	43.08% 18.00% 25.42% 181.938
Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 108.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107	463.7 15121.3 -19.1 12.6 -9.8 -884.7	0.15211 -0.000428 0.000522 -0.000148 -0.004130	0.065496 mg/L 0.0000770 mg/L 0.0001327 mg/L 0.0002689 mg/L 0.0007903 mg/L	-0.000428 0.000522 -0.000148 -0.004130	0.0003496 mg/L 0.0000770 mg/L 0.0001327 mg/L 0.0002689 mg/L 0.0007903 mg/L	43.08% 18.00% 25.42% 181.93% 19.14%

Method: TAL LI	IST			Page	35	Date: 12/28/2000	8:46:33 PM
Fe 238.204	8769.4		0.06928	91 mg/L	0.17591		39.38%
Mg 279.077	140.4			l3 mg/L	0.015514	0.0128013 mg/L	82.51%
Mn 257.610	3723.5			26 mg/L	0.008023	0.0030626 mg/L	38.173
Mo 202.031	0.8	0.000091	0.000699	92 mg/L		0.0006992 mg/L	38.174 770.48
Ni 231.604	11. <b>1</b>	0.000417				0.0006465 mg/L	155.174
👝 РЬ 220.353	7.4	0.001722	0.000060	5 mg/L	0.001722	0.0000605 mg/L	3.52
5b 206.936	-0.5	-0.000305		1 mg/L	-0.000305	0.0005031 mg/L	
Se 196.026	86	0 007728	0.001960	0 mg/L	0.007328	0.0019600 mg/L	26.75;
Ti 336.121	123.0	0.000394	0.000089	6 mg/L	0.000394	C.0000896 mg/L 0.0004046 mg/L	22.71*
T1 190.801	0.4	0.000198	0.000404	6 mg/L	0.000198	0.0004046 mg/L	204.605
T1 190.801 V 292.402	26.6	0.000200	0.000137	0 mg/L	0.000200	0.0001370 mg/L	68.463
2n 206.200	68.6	0.002124	0.000615	3 mg/L	0.002124	0.0006153 mg/L	28.98%
Sn 189.927	0.0	0.00003	0.000363	6 mg/L	0.000394 0.000394 0.000198 0.000200 0.002124 0.000003	0.0001370 mg/L 0.0006153 mg/L 0.0003636 mg/L	>999.93
						-	
🗰 Mean Data							
ID: FLUSH		-	Seq. No.: 6	2 S	Sample No.: 44		<u> </u>
Sample Qty:	1.0000 mL	1	Prep. Vol.:		1.0 mL	Dilution: 1	
		I 	Data: Origi	nal		Date: 12/28/2000	8:40:25 PM
	Mean Corr.			Calib			
Element	Tatanciir.	Conc	Std Der	Unite	Mean Cana	Sample Std.Dev. Units	RSD
Element	Intensity 2584930.5	5 0270	. Sta.pev	· UNITS	Conc.		
Y 360.073	2364930.5	0.000170	0.0074		0.000000	0.0000110	0.15:
Ag 338.289	10.0	0.000113	0.0002415	= mg/L	0.000113	0.0002419 mg/L 0.0000193 mg/L	214,92*
H AG 328.068	-12-1	~0.000319	0.000019.	s mg/L	-0.000519	0.0000193 mg/L	3.71
Y 360.073 Ag 338.289 ■ Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527	-20.9	-0.002202	0.007925	c mug/L I → ∞/T	-0.002202	0.0000193 mg/L 0.0079256 mg/L 0.0019431 mg/L 0.0000429 mg/L 0.0000481 mg/L 0.0000481 mg/L 0.0002255 mg/L 0.0078266 mg/L 0.0000484 mg/L 0.0000484 mg/L	339.96.
AS 188.979	0.5	0.000483	0.001943	mg/L	0.000483	0.0019431 mg/L	401.40
B 249.677	-205.4	-0.008210	0.0000429	≠ mg/⊥	-0.008210	0.0000429 mg/1	0.521
Ba 233.527 Be 313.107	-1./	-0.000030	0.0000481	և անվ/ը	-0.000030 -0.000240	0.0000481 mg/1	162.31
— Be 313.107	-495.1		0.0000168	: mg/L	-0.000240	0.0000168 mg/L	2.03
Ca 430,253 Ca 317.933	83.1	0.030859		mg/L	0.030859 0.012594	0.0022259 mg/L	7.21
Ca 317.933	1252.0	0.012594	0.0078268	mg/L	0.012594	0.0078268 mg/L	c2.15.
Cd 226.502	-33.5	-0.000752	0.0000484	mg/L	-0.000752	0.0000484 mg/L	6.43
Co 228.616	4.7	0.000194	0.0001896	mg/L	0.000194	0.0001896 mg/L	97,785
Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107	-43.9	-0.000662	0.0000734	mg/L	-0.000752 0.000194 -0.000662 -0.007349	0.0000734 mg/L 0.0002130 mg/L	11.101
Cu 324.752	-1574.5	-0.007349	0.0002130	mg/L	-0.007349	0.0002130 mg/L	2.90
<ul> <li>Fe 302.107</li> <li>Fe 238.204</li> <li>Mg 279.077</li> <li>Mn 257.610</li> <li>Mo 202.031</li> <li>Ni 231.604</li> <li>Pb 220.353</li> <li>Sb 206.836</li> <li>Sc 126 025</li> </ul>	106.9	0.031276		mg/L	0.031276 0.027161 -0.009512 0.001509	0.0160480 mg/L 0.0106623 mg/L	51.31:
Fe 238.204	1354.1	0.027161		mg/L	0.027161	0.0106623 mg/L	39.26
Mg 279.077	-86.1	-0.009512		mg/L	-0.009512	0.0016186 mg/L 0.0004420 mg/L	17.02/
Mn 257.610	700.4	0.001509	0.0004420	wà`, T	0.001509	0.0004420 mg/L	29.28
Mo 202.031	-3.9	-0.000454	0.0002064	mg/L	-0.000454 -0.000077	0.0002064 mg/L 0.0001379 mg/L	45.4ć
N1 231.604	-2.1	-0.000077	0.0001379	mg/L	-0.000077	0.0001379 mg/L	176.33:
Pb 220.353	10.3	0.002412	0.0009709	mg/L	0.002412 -0.000212	0.0009709 mg/L 0.0005815 mg/L	40.265
Sb 206.836	-0.4	-0.000212	0.0005815	mg∕L	-0.000212	0.0005815 mg/L	274.55%
Se 196.026	2.2	0.00109/	0.0003661	mg/L	0.001897 0.000146	0.0003éél mg/L	19.29
Ti 336.121	45.4	0.000146	0.0001013	mg/L	0.00014ê	0.0001013 mg/L	69.52%
📺 Tl 190.801	-1.3	-0.000645	0.0025132	mg/L	-0.000645	0.0025132 mg/L	389.48%
V 292.402	-15.4	-0.000116	0.0002337	mg/L	-0.000116	0.0002337 mg/L	202.133
Zn 206.200	6.7	0.000208	0.0001068	mg/L	0.000208	0.0001068 mg/L	51.45%
Sn 189.927	0.5	0.000109	0.0001054	mg/L	0.000109	0.0025132 mg/L 0.0002337 mg/L 0.0001068 mg/L 0.0001054 mg/L	96.30:
 TD: MR122700-91		e.	a. No · 63	 c -	mole No · 45	A/S Post 53	
Sample Otv	1.0000 mt	24	en Val -	24	) 0 mT.	Dilution 1	ú: 1 n
compto Acl.	7.0000 MG	E I Da	ata: Origina	al		Date: 12/28/2000	8:46:00 PM
						A/S Pos: 53 Dilution: 1. Date: 12/28/2000 Sample Std.Dev. Units 0.0001087 mg/L 0.001359 mg/L 0.0014101 mg/L 0.0053120 mg/L 0.0001062 mg/L 0.000016 mg/L 0.000016 mg/L 0.0000274 mg/L 0.0000274 mg/L 0.00001334 mg/L 0.0001334 mg/L 0.00016367 mg/L 0.0009232 mg/L	
_	Mean Corr.	Mean		Calib	Mean	Sample	
Element	Intensity	Conc.	Std.Dev.	Units	Conc.	Std.Dev. Units	RSD
Y 360.073	2543953.6	4.9579	0.00160	mg/L			0.03:
Ag 338.289	8.4	0.000095	0.0001087	mg/L	0.000095	0.0001087 mg/L	114.c3·
Ag 328.068	-88.4	-0.000630	0.0001359	mg/L	-0.000630	0.0001359 mg/L	21.57%
A1 308.215	-187.9	-0.015359	0.0014101	mg/L	-0.015359	0.0014101 mg/L	5.18%
As 188.979	-3.2	-0.002981	0.0053120	mg/L	-0.002981	0.0053120 mg/L	17B.20%
B 249.677	-287.9	-0.008907	0.0001062	mg/L	-0.008907	0.0001062 mg/L	1.19%
📟 Ba 233.527	-6.9	-0.000119	0.0000309	mg/L	-0.000119	0.0000309 mg/L	25.68
Be 313.107	-622.3	-0.000301	0.0000016	mg/L	-0.000301	0.0000016 mg/L	0.52%
Ca 430.253	66.9	0.024859	0.0097726	mg/L	0.024859	0.0097726 ma/L	39.31:
Ca 317.933	31.2	0.000314	0.0010485	mg/I.	0.000314	0.0010485 mm/L	334.34
Cd 226.502	-48.7	-0.001093	0.0000274	mg/L	-0.001093	0.0000274  mg/L	2.511
Co 228 616	-6 1	-0.000252	0 0000400	mg/t	_0_000353	0 0000609 m~/T	27 70
(-220.010)	-0.1	-0.000232		mg/L		0.0000000 mg/L	27.7UX 55.510
CI 207.710	-10.0	0.001694	0.0001334	mg/L	-0.000240	0.0001334 mg/L	316.60
TA 302 107	300.8	0.001084	0.000461/	mg/L	0.001684	0.000461/ mg/L	27.412
Fe 302.107	13.9	0.021621	0.001030/	mg/L	0.021621	0.001636/ mg/L	1.575
re 235.204	412.5	0.008275	0.0009232	mg/L	0.008275	0.0009232 mg/L	11.10%

Method: TAL L	IST		Page 36	5	Date: 12/28/2000	8:58:39 PM
Mg 279.077	36. 6	-0.004041	0.0010001 mg/L	-0.004041	0.0010001 mg/L	24.75
Mp 257 610	287.8	0.000620	0.0000525 mg/L	0.000620	0.0000525  mg/L	8.46×
Mo 202 031	-5.6	-0.000548	0.0000482  mg/L	-0.000648	0.0000482  mg/L	7 43
Ni 231 604	-46 2	-0.001731	0.0001991 mg/L	-0.001731	0.0001991 mg/L	11.50
Ph 220 353	12 9	0 003014	0.0004483 mg/L	0.003014	0.0004483 mg/L	14.87
sh 206 936	_2 9		0 0001277 mg/L	-0 001701	0.0001277 mg/L	7 519
SD 200.030	-2		0.0006873 mg/L	0 003201	0.0006873 mg/L	21 47%
50 190.020 mi 336 121	210 9	0.000201	0.0002614 mg/L	0.0005201	0.0002614 mg/L	22.1/4
T1 336.121	210.8	-0.003192	0.0005389 ma/1	-0.003192	0.0005389 - 0.00	20.01
TI 190.801	-0.3	-0.003192	0.0000388 mg/L	-0.003192		20.015
V 292.402	-21.3	-0.000181	0.0000748  mg/L	-0.000121	0.0000162	110 005
2n 206.200 Sn 189.927	31.3	0.006858	0.0001997 mg/L	0.006858	0.001001 mg/L 0.0000525 mg/L 0.0001991 mg/L 0.0001991 mg/L 0.0001277 mg/L 0.0006873 mg/L 0.0006873 mg/L 0.0006388 mg/L 0.0006388 mg/L 0.0000746 mg/L 0.0000462 mg/L 0.0001997 mg/L	2.917
				mple No.: 46	A/S Pos: 54	
Sample Qty:	0.5200 g	F	Prep. Vol.: 5	0.0 mL	Dilution: 1	.0: 1.0
-	-	I	Data: Original		A/S Pos: 54 Dilution: 1 Date: 12/28/2000 Sample Std.Dev. Units 0.0170076 mg/kg 0.0036597 mg/kg 7.16 mg/kg 0.55966 mg/kg 0.01577 mg/kg	8:51:50 PM
	Mean Corr.	Mean	Calib	Mean	Sample	
Element	Intensity	Conc.	Std.Dev. Units	Conc.	Std.Dev. Units	RSD
Y 360.073	2575334.7	5.0191	0.04684 mg/L			0.93%
Ag 338.289	-18.9	-0.000213	0.0001438 mg/L	-0.025190	0.017007€ mg/kg	67.52%
Ag 328.068	-24.5	-0.000175	0.0000309 mg/L	-0.020683	0.0036597 mg/kg	17.69%
AI 308.215	1031121.9	84.279	0.0605 mg/L	9967.6	7.16 mg/kg	0.07:
As 188.979	35.6	0.032752	0.0047321 mg/L	3.8735	0.55966 mg/kg	14.45:
3 249.677	-743.5	0.042123	0.0001333 mg/L	4.9818	0.01577 mg/ka	U.32 ·
a 233.527	31085.2	0.54103	0.002189 mg/L	63.987	0.2589 mg/kg	Ú.4Ú
Se 313.107	9816.8	0.004750	0.0000340 mg/L	0.56181	Sample Std.Dev. Units 0.0170076 mg/kg 0.0036597 mg/kg 0.55966 mg/kg 0.01577 mg/kg 0.01577 mg/kg 0.02589 mg/kg 0.004024 mg/kg 10.28 mg/kg 25.74 mg/kg 0.014216 mg/kg 0.014216 mg/kg 0.08207 mg/kg 0.0810 mg/kg 30.3 mg/kg 136.3 mg/kg	0.72%
a 430.253	77820.7	28,906	0.0870 mg/L	3418.7	10.28 mg/kg	0.30%
a 317.933	2727161.5	27.433	0.2176 mg/L	3244.4	25.74 mg/kg	0.791
d 226.502	416.1	0.002324	0.0001202 mg/L	0.27481	0.014216 mg/ka	5.17%
0 228.616	1909.5	0.079446	0.0006939 mg/L	9.3960	0.08207 mg/kg	0.87
r 267.716	9242.5	0,13919	0.000685 mg/L	16,462 -	0.0810  mg/kg	0.49
u 374 752	37904.9	0.17693	0.000087 mg/L	20 925	0.0103 mc/kg	0.05:
re 302.107	505701.3	147.93	0 257 mg/L	17496	30 3 mg/kg	0.17
re 238.204	6695798.2	134 31	0.257 mg/L 1.152 mg/L 0.0261 mg/L 0.00281 mg/L	15985	30.3 mg/kg 136.3 mg/kg	0.86:
a 279 077	259039 2	28 754	0.0261 mg/1	3400 7	3.08  mg/kg	0.000
$\ln 257.610$	1237343 9	2 6661	0.0281  mg/L	315 32	0 332 mg/kg	0.115
0 202 031	41 5	0 004792	0 0002844 mg/L	0 56674	0 033636 mg/kg	ς <u>α</u> γ.
li 231 604	5388 3	0 2021	0 002344 mg/1	23 903	0 2773 mg/kg	1 16
b 220.353	977.3	0.22251	0.002517 mg/L	26 316	0 3089 mg/kg	1 17
b 206.836	-7.0	-0.004135	0 0002063 mg/L	-0 48906	0.024401 mg/kg	1 993
e 196 026	-32 6	-0.005020	0.0002003 mg/5	-0 59373	1.072981 mg/kg	180 72%
336 121	34844 9	0.000020	0.0000729 mg/L	12 216	0 0863 mg/kg	0 65%
1 190 801	_42 /	-0 009/10	0 0001205 ma/T	_1 0774	0.02135 m / m	1 081
292 402	20612	-0.009110 n 17100	0.0001803 mg/L	-1.07/4	136.3 mg/kg 3.08 mg/kg 0.332 mg/kg 0.033636 mg/kg 0.2773 mg/kg 0.3089 mg/kg 0.024401 mg/kg 1.072981 mg/kg 0.0863 mg/kg 0.02135 mg/kg 0.020606 mg/kg	1.905
e 196.026 1 336.121 1 190.801 292.402 n 206.200	20012.3	0 70020	0.000512 mg/L	20.235		0.303
n 189.927	-161.7	-0.018603	0.0016150 mg/L	-2,2002	0.7327 mg/kg 0.19101 mg/kg	0.6/» 8.68×
ean Data D: FLUSH		 Se	eq. No.: 65 Sam	ple No.: 47	A/S Pos: 55	
ample Qty:	1.0000 mL	Pr	ep. Vol.: 1	.0 mL	Dilution: 1.	0: 1.0
_		Da	ata: Original		A/S Pos: 55 Dilution: 1. Date: 12/28/2000	8:58:06 PM
	Mean Corr.	Mean	Calıb	Mean	Sample	
lement	Intensity	Conc.	Std.Dev. Units	Conc.	Std.Dev. Units	RSL
360.073	2597502.0	5.0623	0.02580 mg/L			0.51
338.289	11.3	0.000127	0.0003127 mg/L	0.000127	0.0003127 mg/L	245.35%
328.068	-38.8	-0.000277	0.0001475 mg/L	-0.000277	0.0001475 mg/L	53.30%
308.215	295.1	0.024120	0.0073042 mg/L	0.024120	0.0073042 mg/L	30.28%
188.979	2.5	0.002328	0.0022891 mg/L	0.002328	0.0022891 mg/L	98.35/
249.677	-358.9	-0.011102	0.0000025 mg/L	-0.011102	0.0000025 mg/L	0.02%
233.527	-4.6	-0.000080	0.0000752 mg/L	-0.000080	0.0000752 mg/L	93.54:
313.107	-721.6	-0.000349	0.0000192 mg/L	-0.000349	0.0000192 mc/L	5.48.
430.253	29.1	0.01082€	0.0139496 mg/L	0.010826	0.0139496 mg/L	128.85
317.933	123.6	0.001243	0.0048488 mg/L	0.001243	0.0048488 mm/L	390,124
1 226.502	-38.6	-0.000867	0.0000751 mg/T	-0.000867	0.0000751 ma/T	B 661
228,616	2 3	0.000095	0.0001793 mg/L	0 000005	0 0001793 ma/T	188 624
	_43 3	-0.000652	0 0000760 mm/7	-0.000095	0.0000740/*	11 226
267 716	-43.3	-0.000032	0.0000760 mg/L	-0.000652	0.0000760 mg/L	11.00%
267.716	-1043 3				1 1000078 mg/L	0.09%
267.716	-1843.2	-0.008603	0.0000078 mg/L	-0.008803	0.00000000	
267.716 324.752 302.107	-1843.2 186.3	0.054494	0.0241478 mg/L	0.054494	0.0241478 mg/L	44.313
lement 360.073 338.289 328.068 1308.215 5 188.979 249.677 4 333.527 313.107 4 430.253 317.933 1 226.502 228.616 324.752 302.107 238.204 279.077	-1843.2 186.3 3131.3	0.054494	0.0241478 mg/L 0.0298065 mg/L	0.054494 0.062811	0.0241478 mg/L 0.0298065 mg/L	44.313 47.45%

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Method: TAL L	IST		Page 3		Date: 12/28/2000	9:09:52 PM
Mn 257.610		0.001109		0.001109		41.62%
Mo 202.031		-0.000404		-0.000404 0.000043	0.0001008 mg/L	24.98% 260.64%
Ni 231.604 Pb 220.353	1.2	0.000043				200.048
Sb 206.836		0.000242	0.0000526	0.002139 0.000247	0.0000626 mg/L	11.71% 25.35%
■ Se 196.026	3.5	0.002968	0.0005064  mg/L	0.002968	0.0005064 mg/L	17.06;
Ti 336.121	36.0	0.000115	0.0000333 mg/L	0.000115	0.0000333 mg/L	28.863
T1 190.801	-1.0	-0.000500	0.0013727 mg/L	-0.000500	0.0013727 mg/L	274.48:
V 292.402	-6.2	-0.000047	0.0001315 mg/L	-0.000047	0.0001315 mg/L	282.64%
2n 206.200	-3.3	-0.000102	0.0002083 mg/L	-0.000102	0.0002083 mg/L	205.125
<b>Sn</b> 189.927	3.0	0.000660	0.0003658 mg/L	0.000660	0.0000628 mg/L 0.0005064 mg/L 0.001333 mg/L 0.0013727 mg/L 0.0001315 mg/L 0.0002083 mg/L 0.0003658 mg/L	55.38%
Mean Data	*********					
ID: FLUSH			Seq. No.: 66 S. Prep. Vol.: Data: Original	ample No.: 48	A/S Pos: 56	
🖿 Sample Qty:	1.0000 mL		Prep. Vol.:	1.0 mL	Dilution: 1	
			Data: Original			
-	Mean Corr.	Mean	Calib	Mean	Sample Std.Dev. Units	
Element	Intensity	Conc	. Std.Dev. Units 0.04901 mg/L	Conc.	Std.Dev. Units	RSD 0.97:
Y 360.073	2583/74.3	5.0355	0.04901 mg/L	0.000101	0.0002517 mg/I	
Ag 338.289 Mg 328 068	-10.7	-0.000121	0.0002517 mg/L 0.0001203 mg/L 0.0054119 mg/L 0.0001504 mg/L	-0.000121	0.0002517 mg/L 0.0001203 mg/L	200.00
Al 308 215	-17.4	-0.001420	0.0054119  mg/L	-0.001420	0.0001203 mg/L 0.0054119 mg/L	381.14
As 188.979	1.1	0.001057	0.0001504 mg/L	0.001057	0.0054119 mg/L 0.0001504 mg/L	. 4.23
B 249.677	-392.6	-0.012143	0.0001513 mg/L	-0.012143	0.0001513 mg/L	1.25
B 249.677 Ba 233.527		-0.000210	0.0000740 mg/L	-0.000210	0.0001513 mg/L 0.0000740 mg/L	35,32
Be 313.107	-771.7	-0.000373	0.0000331 mg/L	-0.000373 0.003018	0.0000331 mg/L	5.88
Ca 430.253	8.1	0.003018		0.003018	0.0101548 mg/L	336.43
Ca 317.933	-1404.0	-0.014123		-0.014123 -0.000819	0.000 <b>7997</b> mg/L	5.66° 2.91:
Cd 226.502	-36.5	-0.000819	-	-0.000819	0.0000238 mg/L 0.0001161 mg/L	201.761
CF 267 716	1.4 -50.5	0.000058	-	0.000058 -0.000761	0.0001335 mg/L	17.55
Co 228.616 Cr 267.716 Cu 324.752	-2002.5	-0.009347		-0.009347	0.0003498 mg/L	3.74:
Fe 302.107	47 0	0 012539	0 0034286 mg/T	-0.009347 0.012538	0.0034286 mg/L	27.353
Fe 238.204 Mg 279.077	343.0	0.006880 -0.011931 0.000315	0.0036628 mg/L	0.006880	0.0038628 mg/L	56.14%
Mg 279.077	-108.0	-0.011931	0.0008707 mg/L	0.006880 -0.011931	0.0038628 mg/L 0.0008707 mg/L	7.30.
Mn 257.610	146.1	0.000315	0.0000761 mg/L	0.000315	0.0008707 mg/L 0.0000761 mg/L 0.0001141 mg/L 0.0061737 mg/L 0.0005063 mg/L 0.0009546 mg/L	24.18
Mo 202.031	-7.2	-0.000836	0.0001141 mg/L	-0.000836	0.0001141 mg/L	13.65
N: 231.604	-7.8	-0.000293	0.0001737 mg/1	-0.000293	0.0001/3/ mg/1	59.21 28.03%
Pb 220,353 Sb 206,836	1.1	0.001806	0.0005063 mg/1	0.001806	0.0005063 mg/2	54.21%
Se 196 026	5.0	0.001433	0.0009052 mg/1	0.001433	0.0009942 mg/1	63.175
T1 336.121	47.4	0.000152	0.0000108 mg/L	0.000152	0.0000108 mg/L	7.09%
T1 190.801	-6.7	-0.003332	0.0014867 mg/L	-0.003332	0.0014867 mg/L	44.61*
V 292.402	-29.7	-0.000223	0.0000869 mg/L	-0.000223	0.0000869 mg/L	38.91:
🖿 2n 206.200	-14.4	-0.000445	0.0001744 mg/L	-0.000445	0.0001744 mg/L	39.16:
Sn 189.927	-1.7	-0.000383	0.0002612 mg/L	-0.000383	0.000952 mg/L 0.0000108 mg/L 0.0014867 mg/L 0.000869 mg/L 0.0001744 mg/L 0.0002612 mg/L	68.15×
Nean Data						
ID: CCB Sample Qty:		s	eq. No.: 67 Sam	mple No.: 6	A/S Pos: 1 Dilution: 1. Date: 12/28/2000	
Sample Qty:	1.0000 g	P	rep. Vol.:	1.0 L	Dilution: 1.	0.00.10 PM
			ata: original		Date: 12/28/2000	
	Mean Corr.	Mean	Calib	Mean	A/S Pos: 1 Dilution: 1. Date: 12/28/2000 Sample Std.Dev. Units	
Element	Intensity	Conc.	Std.Dev. Units	Conc.	Std.Dev. Units	RSD
Y 360.073	2563612.6	4.9962	0.01772 mg/L			0.35:
Ag 338.289	5.4	0.000061	0.0001001 mg/L			105.000
Ag 328.068 Al 308.215	-59./	-0.000426	0.0001851 mg/L			43.11)
As 188.979	-94.2	0.001476	0.0033179  mg/L			289.57%
E 249.677	-370.9	-0.011475	0.0000873 mg/L			0.76:
Ba 233.527	-17.5	-0.000305	0.0001851 mg/L 0.0033179 mg/L 0.0042747 mg/L 0.0000873 mg/L 0.0000623 mg/L 0.0000011 mg/L			20.39%
Be 313.107	-772.6	-0.000374	0.0000011 mg/L			0.29%
🍽 Ca 430.253	20.1	0.00/150				20.48
Ca 317.933	-1314.9					7.94:
Cd 226.502	-41.9		0.0000088 mg/L			0.94
Co 228.616	-1.3	-0.000053	0.0001575 mg/L			295.85
Cr 267.716	-47.3	-0.000712	0.0000702 mg/L 0.0000388 mg/L			9.86:
- Cu 324.752	-1947.3	-0.009089	0.0000388 mg/L			0.43% 73.91%
Fe 302.107 Fe 238.204	13.9	-0 003603	0.0034475 mg/L 0.0006969 mg/L			19.79%
Mg 279.077	-120.0	-0.013263	0.0004683 mg/L			3.53:
- Mn 257.610	67.3	0.000145	0.0000277 mg/L			19.091

ŝ

Method: TAI	L LIST		Page 38		Date: 12/28/2000	9:22:14 PM
 Mo 202.031	_2 9	-0.000339	0.0001374 mg/L			40.58
Ni 231.604	-24 7	-0.000928	0.0000403 mg/L			4.35%
Pb 220.353	9 1	0.002119	0.0000758 mg/L			3.58%
Sb 206.836	-0.0	L 0.002119 ) -0.000026	0.0007909 mg/L			>999,9%
	-0.0	0 007417	0.0024829 mg/L			32.60%
Se 196.026	9.0	0.007617	0.0024829 mg/1			
Ti 336.121	37.8	0.000121	0.0000755 mg/L			62.273
Tl 190.801	-3.2	-0.001582	0.0018782 mg/L 0.0002665 mg/L			118.72%
V 292.402	-35.4	-0.000266	0.0002665 mg/L			100.20%
2n 206.200	-28.2	-0.000873	0.0002033 mg/L			23.30%
Sn 189.927	2.1	0.000459	0.0003122 mg/L			67.98%
Mean Data -						
ID: CCV			eq. No.: 68 Sampl	e No.: 5	A/S Pos: 4	
Sample Otv:	1.0000 g	I	rep. Vol.: 1.0	L	Dilution: 1	.0: 1.0
	,, j	I	Seq. No.: 68 Sampl Prep. Vol.: 1.0 Data: Original	-	Date: 12/28/2000	9:15:00 PM
			Calib Std.Dev. Units 0.02164 mg/L 0.00964 mg/L 0.00960 mg/L 0.008175 mg/L 0.00380 mg/L		l-	
lement	Mean Corr.	Mean	Calib Std Dev Units	Mean	Sample Std Day Huite	PED
	Intensity	1 0716.	Stallev. Units	conc.	Std.Dev. Onits	R50
360.073	2550954.2	4.9716	0.02164 mg/L			0.44
g 338.289	90729.5	1.0221	0.00964 mg/L			0.44
g 328.068	144540.6	1.0304	0.00960 mg/L			0.93 -
1 308.215	11514.5	0.94114	0.008175 mg/L			0.87%
s 188.979	1094.1	1.0072	0.00380 mg/L			C.38×
3 249,677	32310.2	0.99949	0.017634 mg/L			1.76
a 233.527	32310.2 60218.3	1.048	0.00913 mg/L			0.87
Se 313.107	2082500 2	1 0092	0 00566 mg/1			0.5e/
a 430.253	2083509.3 2800.8	1 0402	6 60048 ma/T			0.05:
a 10.203	2800.8	1.0403	0.01201 /7			1.35
a 317.933	102042.2	1.0264	0.01361 mg/L			
d 226.502	45818.1	1.0289	0.0101/ mg/L			0.99
0 228.616	25715.4 69933.7	1.0699	0.00993 mg/L			0.93
r 267.716	69933.7	1.0532	0.01075 mg/L			1.02
u 324.752	219059.9	1.0225	0.00455 mg/L			0.44
e 302.107	3269.1	0.95631	0.00380 mg/L 0.017634 mg/L 0.00943 mg/L 0.00566 mg/L 0.00048 mg/L 0.01381 mg/L 0.01381 mg/L 0.01077 mg/L 0.00993 mg/L 0.00455 mg/L 0.003088 mg/L 0.0146 mg/L			0.32>
e 238.204	52998.7	1.0631	0.01146 mg/L			1.08)
g 279.077	9457.5	1.0452	0.01146 mg/L 0.00900 mg/L 0.00334 mg/L 0.00733 mg/L			0.864
n 257.610	492816.1	1.0619	0.00334 mg/1			0.31
0 202.031	9258.7	1 0697	0.00733.mm/1			0.69
1 231.604		1 0510				0.73
	28044.5	1.0019	0.00772 mg/L 0.01194 mg/L			
b 220.353		1.0266	0.01194 mg/4			1.16
b 206.836	1746.2	1.0260	0.00623 mg/L			0.614
e 196.026	1173.2		0.006671 mg/L			0.67
i 336.121	312300.4	1.0015	0.00429 mg/L			0.43
1 190.801	2128.7	1.0602	0.00756 mg/L			0.71%
292.402	137290.2	1.0321	0.01000 mg/L			0.97%
n 206.200	34739.2	1.0757	0.01226 mg/L			1.143
n 189.927			0.00866 mg/L			0.83
ean Data						
D: ICS A		Se	eq. No.: 69 Sample ep. Vol.: 1.0 sta: Original	No.: 3	A/S Pos: 7	
ample Qty:	1.0000 g	P	ep. Vol.: 1.0	L	Dilution: 1.	Ú: 1.Ô
	-	Da	ata: Original		Date: 12/28/2000	9:21:15 PM
	Mean Corr.	Mean	Calib Std.Dev. Units 0.02021 mg/L	Mean	Sample	
ement	Intensity	Conc	Std. Dev. Units	Conc	Std. Dev. Units	RSD
360.073	2216645 6	4.3200	0.02021 mg/T	CONV.	Learbert Onles	0 475
338.289	A70 A	0 005400	0 0000579 mg/1			1.07
328.068	4/9.4	0.003400	0.0000578 mg/L 0.0001579 mg/L 3.699 mg/L 0.0022802 mg/L			
300 315	LAPCED D	0.000104	0.00013/9 mg/2			151.34/
308.215	0043659.8	543.09	3.699 mg/L			0.68
188.979	-45.8	-0.035107	0.0022802 mg/L			6.50%
249.0//	-4320.0	-0.029244	0.0010880 mg/L 0.0000448 mg/L			3.72%
233.527	-192.3	-0.003347	0.0000448 mg/L			1.34
313.107	-390.8	-0.000189	0.0000446 mg/L			23.60%
430.253	1958174.7	727.20	0.863 mg/L			0.12%
			Recovery = 145.44%	Action = Conti	nue	
	48437681.5					0.82
	593.9	0 002001	0.0001624 mg/L			
	293.3	0.002081	0.0001624 mg/L			7.803
226.502	30.4	-0.006541	0.0000445 mg/L			0.68%
226.502			D BBDD430 mm/1.			1.10%
226.502	-259 7	-0.003910	0.000430 Mg/1			
226.502	-259 7	-0.003910	0.0003436 mg/L			3.22%
226.502 228.616 267.716	-259 7	-0.010680 237.14	0.0003436 mg/L 0.197 mg/L			3.22% 0.08%
226.502 228.616 267.716	-259 7	-0.010680 237.14 167.73	0.0003436 mg/L 0.197 mg/L 1.103 mg/L			
226.502 228.616 267.716	-259.7 -1081.3 810654.2 8361897.4 5196071.9	-0.003910 -0.010680 237.14 167.73 574.44	0.0003436 mg/L 0.197 mg/L 1.103 mg/L 0.220 mg/L			0.08%

Mathod: TAI	LIST		Page 39		Date: 12/28/20	00 9:29:09 P
Mo 202.031	-26.8	-0.007489	0.0004433 mg/L			5.92
Ni 231.604	-25.7	-0.006001				0.28
Pb 220.353	-78.0	0.003090				134.21
Sb 206.836	-31.1	-0.035466	<b>.</b>			9.71
Se 196.026	-44 4	0 018752	0.0057813 mg/T			30.83
Ti 336.121	-613 3	-0.001967	0.0001573  mg/L			7,99
T1 190.801	-67 9	0.002247	0.0018556 mg/L			82.57
V 292.402	- 3237 3	0.002247	0 0001959 mg/L			12.80
Zn 206.200	- 5257.5	-0 015973	0.0002999 mg/1			1.89
Sn 189.927	-388.5	-0.22309	0.0001573 mg/L 0.0018556 mg/L 0.0001959 mg/L 0.0002998 mg/L 0.000739 mg/L			0.33
Mean Data -						
ID: ICS AB		S	eq.No.:70 Sam	ple No.: 4	A/S Pos: B	
Sample Qty:	1.0000 g	P	rep. Vol.: 1	.0 L	Dilution:	
		D	eq. No.: 70 Sam rep. Vol.: 1 ata: Original		Date: 12/28/200	0 9:27:57 PM
	Mean Corr.	Mean	Calib Std.Dev. Units 0.01687 mg/L 0.00664 mg/L	Mean	Sampl	e
Element	Intensity	Conc.	Std.Dev. Units	Conc.	Std.Dev. Units	RSD
Y 360.073	2202508.8	4.2925	0.01687 mg/L			J.39.
Ag 338.289	110580.0	1.2457	0.00664 mg/L			÷.53
*QC exceeds	upper limit for	Ag 338.289	Recovery = $124.57$	Action = Con	E 1 71110	
Ag 328.068	174338.1	1.2428	0.00552 mg/L			0.44
*QC exceeds	upper limit for	Ag 328.068	Recovery = 124.26:	Action = Cont	tinue	
Al 308.215	6712566.8	548.55	1.747 mg/L			0.32
As 188.979	1137.4	1.0542	0.00852 mg/L			0.81
3 249.677	31128.6	1.0682	0.01356 mg/L			1.27 -
3a 233.527	59563.8	1.0367	0.00402 mg/L			Ú.394
3e 313.107	2217856.4	1.0732	0.00314 mg/L			0.29
Ca 430.253	1960713.6	728.15	0.908 mg/L			0.12
a 317.933	48538210.9	488.12	3.632 mg/L			0.74
d 226.502	44753.5	0.99360	0.002104 mg/L			ú.21.
o 228.616	23113.6	0.95377	0.003590 mg/L			C.38
r 267.716	68446.8	1.0308	0.00439 mg/L			C.43.
u 324.752	228076.5	1.0589	0.00505 mg/L			0.48
e 302.107	817491.0	239.14	0.260 mg/L			0.11
e 238.204	8384140.7	168.18	1.202 mg/L			0.714
lg 279.077	5174351.9	572.04	1.747 mg/L			0.31
in 257.610	490469.6	1.0445	0.00459 mg/L			ú.44:
lo 202.031	8807.€	1.0123	Recovery = 124.28: 1.747 mg/L 0.00852 mg/L 0.01356 mg/L 0.00402 mg/L 0.00314 mg/L 0.002104 mg/L 0.002104 mg/L 0.003590 mg/L 0.00439 mg/L 0.00439 mg/L 1.202 mg/L 1.202 mg/L 0.00459 mg/L 0.00459 mg/L 0.003935 mg/L			0.53
i 231.604	24841.0	0.92669	0.003935 mg/L			0.42
b 220.353	4102.8	0.97814	0.006697 mg/L			0,68;
b 206.836 e 196.026	1820 5	1 0523	0.00992 mm/T			0.93:
	1222.4 325279.2	1.0935	0.00083 mg/L 0.00466 mg/L 0.000380 mg/L 0.00504 mg/L			0.03/
i 336.121	325279.2	1.0431	0.00466 mg/L			0.45×
1 190.801 292.402	1856.5	0.96083	0.000380 mg/L			0.04·
	135804.6	1.0470	0.00504 mg/L			Ú.58
n 206.200	33567.5 -416.5	1.0021	0.00158 mg/L			Ú.⊥é∙
n 189.927	-416 5	-0.22903	0.001533 mg/L			0.67

### WASTE STREAM TECHNOLOGY, INC.

302 Grote Street Buffalo, NY 14207 (716) 876-5290

Analytical Data Report

Report Date : 12/28/00 Group Numbers : 2001-2612

Prepared For : Mr. Charles Ducel URS Corporation Group Consultants 282 Delaware Ave. Buffalo, NY 14202-1090

Site: Amadori Construction

# Analytical Parameters

Total Chromium

Analytical Services Number of Samples 4

Turnaround Time Standard

lamil w. Vo Report Released By : L

Daniel Vollmer, Laboratory QA/QC Officer

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS NYSDOH ELAP #11179 NJDEPE #73977

CHA		DF CI	<b>US</b>	CHAIN OF CUSTODY REC	CORD	un	TESTS	sts		.4.3	URS	2	z		_
PROJECT NO	0. 35B	35815.03		RITE NAME ANTA DORI CONST	wst	MUCRHI Toria					ЦЦ	STREAM	<u>ا</u> ج		Τ,
SAMPLERS (PRHULSIGNATURE)	APLERS (PRINT/SIGNATUR	-	) UN	11 Reputit		BOTLE	ILE TYPE AND PRESERVATIVE	D PRESE	AVATIVE			i i i i	. ~		, ,
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MATRIX CODES	AA - AMPIFIAL AIIT SE - SEDIMENT SI - MAZARDOUS	AA - AMPIFIAT AIIT SE - SEUNAENT SU - MAZARDOU'S SOLAD WASTE		SI - SI UDGE WP - DRINKING WATER WW - WASTE WATER	WG - GROUND WATEN SO - SOIL DC - DRILL CUTTINGS	_	WL - LEACHAFF GS - SOIL GAS WC - DRILLING WATER		WO OCEAN WATER WS SUNFACE WATEN WO WATEN FIELD OC	- 5 2	LH - TRANNOUR LEAUN WASTE LF - TLOATING/FREE PRODUCT ON QW TABLE	SUCOUCH AND	SIE ST ON GV	V TABLE	
SAMPLE TYPE CODES	!	18# - TRIP BLANK SD# - MATRIX SENKE DUCHCATE	ICATE	TRA - TRINSE BLANK FRA - FIFLIS REPUICATE		- NORMAL ENVIRONMENTAL SAMPLE		NTIAL NUMBE	R (FROM 1 TO	9) TO ACCU	(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIFLE SAMPLES IN A SIMPLE DAY)	LE SAMITE	S IN A SI	NGLE D	(140
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Waste Stream Technology, Inc.

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302 Grote Street Buffalo, NY 14207 (716) 876-5290

## Analytical Data Report

Group Number: 2001-2612 Site: Amadori Construction

## Field and Laboratory Information

	WST ID	Client ID	Matrix	Date Sampled	Date Received	Time
-	WS75309	SW1	Soil	12/21/00	12/21/00	08:55
	WS75310	SW2	Soil	12/21/00	12/21/00	08:55
	W\$75311	SW3	Soil	12/21/00	12/21/00	08:55
	WS75312	BB1	Soil	12/21/00	12/21/00	08:55



#### METHODOLOGIES

The specific methodologies employed in obtaining the analytical data reported are indicated on each of the result forms. The method numbers shown refer to the following U.S. Environmental Protection Agency Reference:

Methods for Chemical Analysis of Water and Wastes. EPA 600/4-79-020. March 1979, Revised 1983, U.S. Environmental Monitoring and Support Laboratory, Cincinnati, Ohio 45268.

Federal Register, 40 CFR Part 136: Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act. Revised July 1992.

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. Third Edition, Revised December 1996, U.S. EPA SW-846.

Annual Book of ASTM Standards, Volume II. ASTM, 100 Harbor Drive, West Conshohocken, PA 19428-2959.

Standard Methods for the Examination of Water and Wastewater. (20th Edition). American Public Health Association, 1105 18th Street, NW, Washington, D.C. 20036.

Waste Stream Technology, Inc.
Metals Analysis Report
Chromium by ICP
SW-846 6010

Site: Amadori Construction Date Sampled: 12/21/00 Date Received: 12/21/00

Date Digested: 12/22/00

Group Number: 2001-2612 Units: mg/Kg Matrix: Soil

WST ID	Client ID	Detection Limit	Result	Date Analyzed
WS75309	SW1	1.00	155	12/22/00
WS75310	SW2	1.00	38.4	12/22/00
W\$75311	SW3	1.00	<b>72</b> .7	12/22/00
WS75312	8B1	1.00	36.0	12/22/00



## Quality Control Analysis Result Reports

## Waste Stream Technology, Inc.

## Metals Analysis Result Report Method Blank Analysis Summary

Site : Amadori Construction Group Number: 2001-2612 Report Units: mg/Kg Matrix: Soil

	Lab ID	MB122200 S1		
	Date Digested	12/22/00		
	Detection	· · · · ·	Date	Analysis
Analyte	Limit	Result	Analyzed	Method
Chromium	1.00	Not Detected	12/22/00	SW-846 6010B

MB denotes Method Blank

## Waste Stream Technology Inc

#### Metals Analysis Result Report Laboratory Control Sample (LCS) Analysis Summary

Site : Amadori Construction Group Number: 2001-2612 Report Units: % Recovery Matrix: Soil

	Lab ID	RF1222	00 S1	]	
	Date Digested	12/22	/00	]	
	LCS				
	% Recovery	Spike	LCS Result	Date	Analysis
Analyte	QC Limits	Amount (mg/Kg)	% Recovery	Analyzed	Method
Chromium	85 - 115	100	99	12/22/00	SW-846 6010B

RF denotes Laboratory Control Sample.

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## Waste Stream Technology, Inc.

#### Dissolved Metals Analysis Result Report Duplicate Sample Analysis Summary

Site : Amadori Construction Group Number : 2001-2612 Report Units : mg/Kg Matrix : Soil

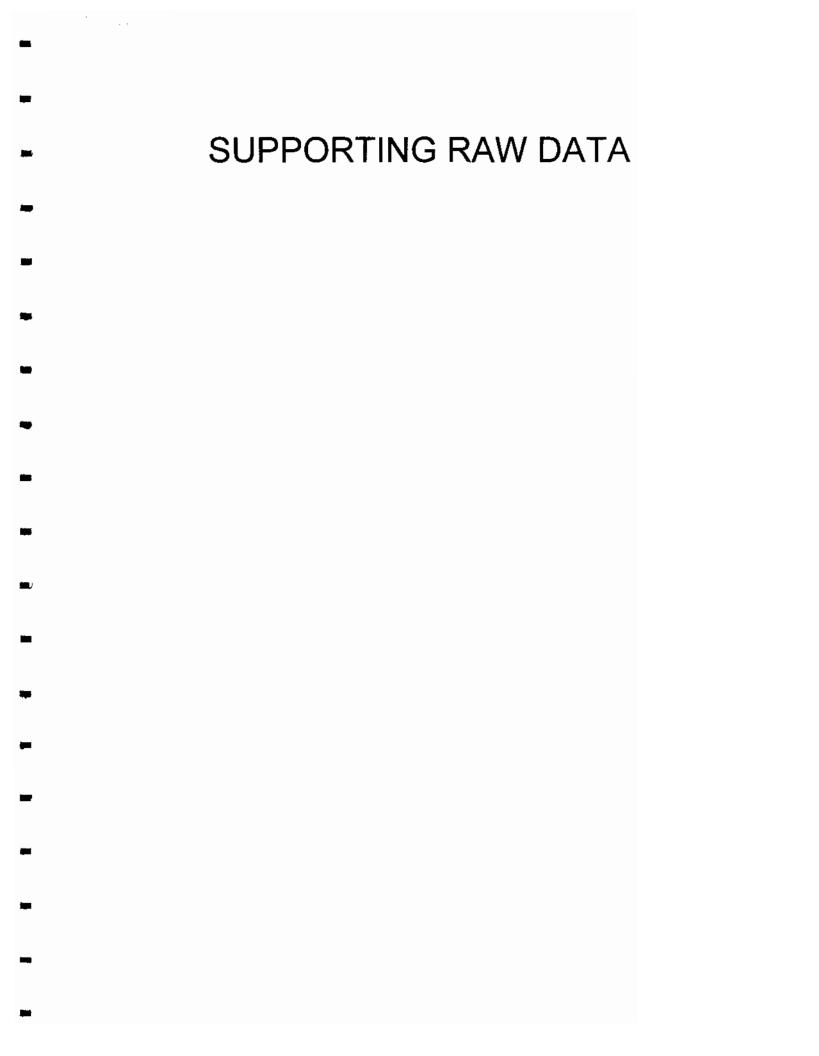
Lab ID Number	WS75312	WS75312-DUP		
Date Digested	12/22/00	12/22/00		
Date Analyzed	12/22/00	12/22/00	RPD	RPD
Analyte	Initial Result	Duplicate Result	(%)	QC Limits (%)
Chromium	36.0	43.3	18.4	25

Dup denotes sample duplicate.

## Waste Stream Technology, Inc. Metals Analysis Result Report Matrix Spike Analysis Summary

Site : Amadori Construction Group Number : 2001-2612 Report Units : % Recovery Matrix : Soil

	Lab ID Number	WS75312	
	Date Digested	12/22/00	
	Date Analyzed	12/22/00	Analysis
Analyte	QC Limits	% Recovery	Method
Chromium	75 - 125	116	SW-846 6010



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	241.2		12.022				0.5 MC MC - 25				- - -	2700	3
	241.50		226.10	C				1111	305.1	) SDm	ю.	MO:2	00/12
	CL VIC	_	228.50	#	• •	•	05 m Met 1 185 3	<u> </u>		+	02,0		
	K 2' - F. Z'		128.38						 		0.53		
	244.88	2.44.98	229.45			T				:	0.52		c .
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## Metals Analysis Instrument Quality Control Analysis Abbreviations and Control Limits

Initial Calibr	ation, Acceptable Correlation Co-efficient = >0.997
Std 1 Std 2 Std 3 Std 4 Std 5	Level = 0.001 mg/L (0.1 mg/kg Soil Equivalent) Level = 0.005 mg/L (0.5 mg/kg Soil Equivalent) Level = 0.100 mg/L (10 mg/kg Soil Equivalent) Level = 1.000 mg/L (100 mg/kg Soil Equivalent) Level = 10.00 mg/L (1000 mg/kg Soil Equivalent)
ICV	Initial Calibration Verification Standard, Level = $10 \text{ mg/L}$ Acceptable Range (± 5%) = 9.50 mg/L to 10.50 mg/L
CCB	Continuing Calibration Blank, Acceptable Limit = $< 0.010 \text{ mg/L} (1.0 \text{ mg/kg equivalent})$
QC CHK	Quality Control Check Standard, Level = $1.0 \text{ mg/L}$ Acceptable Range (± 10%) = $0.900 \text{ mg/L}$ to $1.10 \text{ mg/L}$
ICS A	Interference Check Standard (Al, Ca, Fe, Mg only), Acceptable Limit = < 0.010 mg/L (1.0 mg/kg equivalent)
ICS AB	Interference Check Standard, Level = 1.0 mg/L Acceptable Range (± 20%) = 0.800 mg/L to 1.20 mg/L
MB	Method Blank, Acceptable Limit = $< 0.010 \text{ mg/L} (1.0 \text{ mg/kg equivalent})$
RF	Laboratory Control Sample, Level = $1.0 \text{ mg/L}$ (100 mg/kg equivalent) Acceptable Range (± 15%) = $0.850 \text{ mg/L}$ to $1.15 \text{ mg/L}$ (85% - 120%)
CCV	Continuing Calibration Verification, Level = $1.0 \text{ mg/L}$ Acceptable Range (± 10%) = 0.900 mg/L to 1.10 mg/L

Analytical Sequence

Method -		IST Low Level 200sb	
SIF File	∎ - 1224 A/S Loc	ID	Category
		==	******
1	l	Calib Blank	Calib Blank
2	106	std 1	Calib Std.
3	2	Std 2	Calib Std. Calib Std.
4	3	Std 3	Calib Std.
5	4	Std 4 Std 5	Calib Std.
6 7	5 5	ICV	QC
8	9	BLANK	Sample
9	ĩ	ССВ	QC
10	6	QC CHK	QC
11	7	ICS A	QC
12	8	ICS AB	QC Sample
13	10	BLANK	Sample Sample
14	11	FLUSH MB122200 SI	Sample
15 16	12 13	RF122200 S1	Recovery
17	14	WS75309	Sample
18	15	WS75310	Sample
19	16	ws75311	Sample
20	17	WS75312	Sample
21	18	WS75312 DUP	Sample
22	19	WS75312 SPIKE	Sample QC
23 24	1 4	CCB CCV	QC QC
25	20	FLUSH	Sample
26	1	CCB	QC
27	21	MB121500 W3	Sample
28	22	RF121500 W3	Recovery
29	23	WS7506B	Sample
30	24	FLUSH	Sample Sample
31	25	FLUSH	Sample Sample
32 33	26 27	MB122200 Wl RF122200 Wl	Duplicate
34	1	CCB	ōc'
35	4	cev	QC
36	28	ws75122	Sample
37	29	WS75122 MS	Recovery
38	30	WS75122 MSD	Recovery
39	31	WS75138	Sample Sample
40	32 33	WS75140 WS75141	Sample
41 42	34	MB122200 W2	Sample
43	1	CCB	QC
44	4	ccv	QĊ
45	35	RF122200 W2	Recovery
46	36	WS75150	Sample Sample
47	37 38	WS75292 WS75293	Sample
48 49	39	WS75177	Sample
50	40	W\$75188	Sample
51	41	WS75281	Sample
52	42	WS75282	Sample
53	1	CCB	QC
54	4		QC Sample
55	43	WS75287 WS75287 MS	Recovery
56 57	44 45	WS75287 MSD	Recovery
58	46	FLUSH	Sample
59	47	FLUSH	Sample
60	48	RF122200 W3	Recovery
61	49	WS74882	Sample
62	50	FLUSH	Sample Sample
63	51	MB122100 W5° RF122100 W5	Recovery
64 65	52 1	CCB	QC
63	1	665	<b>₽</b>

ICP Analysis Data

a di

Analytical	Sequence
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	66	4	ccv	~~
-		4		QC
_	67	53	WS75132	Sample
	68	54	WS75133	Sample
	69	55	WS75134	Sample
	70	56	WS75135	, Sample
<b>Her</b>	71	57	WS75136	Sample Sample Sample Duplicate
	72	58	WS75137	🕻 Sample
	73	59	WS75137 DUP	• Duplicate
	74	60	WS7537 SPIKE -	רי Recovery
	75	61	WS75274.	Sample
	76	62	WS75275	Sample
	77	1	CCB	QC
	78	4	CCV	QC
	79	63	W575276	Sample
	80	64	W575277	Sample
	61	65	WS75278	Sample
	82	66	WS75279	Sample
	83	67	RF122100 W6	Sample
_	84	68	FLUSH	Sample
-	85	69	FLUSH	Sample
	86	1	CCB	QC
	87	4	ccv	QC
	88	7	ICS A	QC
	89	8	ICS AB	<u>o</u> c

<pre>% Level Stds Equation % Level % % % % % % % % % % % % % % % % % % %</pre>	IEC: 0 Spectra User: U Seq. No.: 1 Data: Origin Std.Dev. 351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	Intercept 607iecb.iec a Stored: Yes User1 nal RSD 0.028 nal RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	Corr. Slope Curvature Coeff. MSF:	17 PM :09 PM :10 PM
<pre>% Level Stds Equation % Level % % Level % % % % % % % % % % % % % % % % % % %</pre>	IEC: 0 Spectra User: U Seq. No.: 1 Data: Origin Std.Dev. 351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	Intercept 607iecb.iec a Stored: Yes User1 nal RSD 0.028 nal RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	Date: 12/22/200012:50 Corr. Slope Curvature Coeff. MSF: Method Stored: No Date: 12/22/2000 12:50: A/S Pos: 1 Date: 12/22/2000 12:52 Date: 12/22/2000 12:52 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	17 PM :09 PM :10 PM
Stds Equation y Level b TAL LIST Mean Corr. Intensity 2279701.7 Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	IEC: 0 Spectra User: 1 Seq. No.: 1 Data: Origin Std.Dev. 351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	Intercept 607iecb.iec a Stored: Yes Userl hal RSD 0.02% hal RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	Corr. Slope Curvature Coeff. MSF: Method Stored: No Date: 12/22/2000 12:50: A/S Pos: 1 Date: 12/22/2000 12:52 Date: 12/22/2000 12:53 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	17 PM :09 PM :10 PM
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Mean Corr. Intensity 2279701.7 Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	IEC: 0 Spectra User: 0 Seq. No.: 1 Data: Origin Std.Dev. 351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	607iecb.iec a Stored: Yes Userl nal RSD 0.02% aal RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	MSF: Method Stored: No Date: 12/22/2000 12:50: A/S Pos: 1 Date: 12/22/2000 12:52 Date: 12/22/2000 12:53 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	17 PM :09 PM :10 PM
Mean Corr. Intensity 2279701.7 Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	IEC: 0 Spectra User: 0 Seq. No.: 1 Data: Origin Std.Dev. 351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	607iecb.iec a Stored: Yes User1 nal RSD 0.02% aal RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	MSF: Method Stored: No Date: 12/22/2000 12:50: A/S Pos: 1 Date: 12/22/2000 12:52 Date: 12/22/2000 12:52 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	17 PM
Mean Corr. Intensity 2279701.7 Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	Spectr. User: U Seq. No.: 1 Data: Origin Std.Dev. 351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	A Stored: Yes User1 Aal RSD 0.02% Aal RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	Method Stored: No Date: 12/22/2000 12:50: A/S Pos: 1 Date: 12/22/2000 12:52 Date: 12/22/2000 12:52 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	:09 PM
Mean Corr. Intensity 2279701.7 Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	Spectr. User: U Seq. No.: 1 Data: Origin Std.Dev. 351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	A Stored: Yes User1 Aal RSD 0.02% Aal RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	Date: 12/22/2000 12:50: A/S Pos: 1 Date: 12/22/2000 12:52 Date: 12/22/2000 12:52 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	:09 PM
TAL LIST Mean Corr. Intensity 2279701.7 Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	User: 1 Seq. No.: 1 Data: Origin Std.Dev. 351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7,73 31.09 2.26 3.12 1.98 53.40	User1 mal RSD 0.02% Mal RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.69% 1.12%	Date: 12/22/2000 12:50: A/S Pos: 1 Date: 12/22/2000 12:52 Date: 12/22/2000 12:52 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	:09 PM
TAL LIST Mean Corr. Intensity 2279701.7 Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	Seq. No.: 1 Data: Origin Std.Dev. 351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	RSD 0.02% 0.02% Mal RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.69% 1.12%	A/S Pos: 1 Date: 12/22/2000 12:52 A/S Pos: 1 Date: 12/22/2000 12:53 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	:09 PM
Mean Corr. Intensity 2279701.7 Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	Seq. No.: 1 Data: Origin Std.Dev. 351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	RSD 0.02% 0.02% Aal RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	A/S Pos: 1 Date: 12/22/2000 12:52 A/S Pos: 1 Date: 12/22/2000 12:53 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	:09 PM
Mean Corr. Intensity 2279701.7 Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	Seq. No.: 1 Data: Origin Std.Dev. 351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	RSD 0.02% Mal RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	A/S Pos: 1 Date: 12/22/2000 12:52 A/S Pos: 1 Date: 12/22/2000 12:53 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	:10 PM
Mean Corr. Intensity 2279701.7 Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	Data: Origin Std.Dev. 351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	RSD 0.02% Mal RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	A/S Pos: 1 A/S Pos: 1 Date: 12/22/2000 12:53 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	:10 PM
Mean Corr. Intensity 2279701.7 Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	Std.Dev. 351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	RSD 0.02% Mal RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	A/S Pos: 1 Date: 12/22/2000 12:53 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	:10 PM
Mean Corr. Intensity 2279701.7 Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	Std.Dev. 351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	RSD 0.02% Mal RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	A/S Pos: 1 Date: 12/22/2000 12:53 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	
Intensity 2279701.7 Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	0.02% Ral 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	A/S Pos: 1 Date: 12/22/2000 12:53 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	
2279701.7 Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	351.10 Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	0.02% Ral 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	A/S Pos: 1 Date: 12/22/2000 12:53 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	
Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	A/S Pos: 1 Date: 12/22/2000 12:53 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	
Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	Seq. No.: 2 Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	RSD 0.07% 5.085 3.30% 0.645 13.77% 0.89% 1.125	A/S Pos: 1 Date: 12/22/2000 12:53 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	
Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	Data: Origin Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	RSD 0.07% 5.08% 3.30% 0.64% 13.77% 0.89% 1.12%	Date: 12/22/2000 12:53 Calib Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	
Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	RSD 0.07% 5.085 3.30% 0.645 13.77% 0.89% 1.125	Calib Conc. Units 4.9684 mg/L C mg/L O mg/L O mg/L O mg/L O mg/L O mg/L	
Mean Corr. Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	Std.Dev. 1646.76 12.12 7.73 31.09 2.26 3.12 1.98 53.40	RSD 0.07% 5.085 3.30% 0.64% 13.77% 0.89% 1.12%	Calib Conc. Units 4.9684 mg/L C mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	
Intensity 2265277.3 238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	12.12 7.73 31.09 2.26 3.12 1.98 53.40	5.08 3.30% 0.64 13.77 0.89% 1.12%	Conc. Units 4.9684 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L 0 mg/L	
238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	12.12 7.73 31.09 2.26 3.12 1.98 53.40	5.08 3.30% 0.64 13.77 0.89% 1.12%	C mg/L O mg/L O mg/L O mg/L O mg/L	
238.8 -233.9 4823.8 -16.4 351.0 -177.4 -976.2	12.12 7.73 31.09 2.26 3.12 1.98 53.40	5.08 3.30% 0.64 13.77 0.89% 1.12%	C mg/L O mg/L O mg/L O mg/L O mg/L	
4823.8 -16.4 351.0 -177.4 -976.2	7,73 31.09 2.26 3.12 1.98 53.40	3.30% 0.64% 13.77% 0.89% 1.12%	0 mg/L 0 mg/L 0 mg/L 0 mg/L	
-16.4 351.0 -177.4 -976.2	2.26 3.12 1.98 53.40	13.77: 0.89% 1.12%	0 mg/L 0 mg/L	
351.0 -177.4 -976.2	3.12 1.98 53.40	0.89%	0 mg/L	
-177.4 -976.2	1.98 53.40	1.12		
-976.2	53.40			
		5 47%	0 mg/L	
	5 20	2.30	0 mg/L	
3931.7		2.09	0 mg/L	
-27.0		8.72*	0 mg/L	
-59.2		5.57	0 mg/L	
-31.1	1.28	4.11%	0 mg/L	
3770.2		0.00%	0 mg/L	
-159.1		2.13%	0 mg/L	
22.0	2.14	9.72%	0 mg/L	
-29.3	12.61	43.07:	0 mg/L	
25.1 -28.5	1,76 1,83		0 mg/L	
-452.7	1.83	6-42% 0-38%	0 mg/L 0 mg/L	
24.0	5.03	20.95:	0 mg/L	
-21.6	0.62	2.88%	0 mg/L	
26.7	3.78	14.15%	0 mg/L	
-1929.9	31.16	1.61	0 mg/L	
-56.1		0.95%	0 mg/L	
-223.4		7.37%	0 mg/L	
41.8 27.4	1.85 2.09	4.44% 7.654	0 mg/L 0 mg/L	
			-	
	Seq. No.: 3		A/S Pos: 106	
	Data: Origina	λ⊥ 	Date: 12/22/2000 12:58:	12 PM
Mean Corr.				
	Std.Dev.	RSD		
125.1	6.24			
166.9		15.67:	0.001 mg/L	
67.4				
	17.03			
			-	
42.5			0.001 mg/L	
42.5 20.0	1.50			
42.5 20.0 51.7			U. UUI ING/L	
_	Mean Corr. Intensity 2256836.6 125.1 166.9 67.4 1767.8 42.5 20.0	Mean Corr. Intensity Std.Dev. 2256836.6 21955.51 125.1 6.24 166.9 26.16 67.4 0.50 1767.8 17.03 42.5 4.09 20.0 0.09 51.7 1.50	Mean Corr.         RSD           Intensity         Std.Dev.         RSD           2256836.6         21955.51         0.97%           125.1         6.24         4.99%           166.9         26.16         15.67%           67.4         0.50         0.74%           1767.8         17.03         0.96%           42.5         4.09         9.64%           20.0         0.09         0.44%           51.7         1.50         2.90%	Intensity         Std.Dev.         RSD         Conc.         Units           2256836.6         21955.51         0.97%         4.9499 mg/L           125.1         6.24         4.99%         0.001 mg/L           166.9         26.16         15.67%         0.001 mg/L           67.4         0.50         0.74%         0.001 mg/L           1767.8         17.03         0.96%         0.001 mg/L           22.5         4.09         9.64%         0.001 mg/L           20.0         0.09         0.44%         0.001 mg/L

Method: TAL LIST			Page 2	Date: 12/22/2000	
Mo 202.031	12.3	0.13	1.03%	0.001 mg/L	
Ni 231.604	16.7	3.17	18.96%	0.001 mg/L	
V 292.402		8.33	7.55%	0.001 mg/L	
Zn 206.200	46.B	4.82	10.28%	0.001 mg/L	
Mean Data ID: Std 2				A/S Pos: 2	
10. 304 2		Data: Origi	nal	A/S Pos: 2 Date: 12/22/2000	1:03:08
	Mean Corr.			Calib Conc. Units 4.9586 mg/L 0.005 mg/L 0.005 mg/L 0.005 mg/L 0.005 mg/L 0.005 mg/L	
Element	Intensity	Std.Dev.	RSD	Conc. Units	
Y 360.073 Ag 338.289	2260846.3	15106.65	0.67%	4.9586 mg/L	
Ag 338.289	479.3	13.58	2.83%	0.005 mg/L	
Ag 328.068	717.5	6.33	0.88	0.005 mg/L	
As 188.979	4.0	0.72	17.93%	0.005 mg/L	
Ba 233.527	268.7 8907.0	2.85	1.065	0.005 mg/L 0.005 mg/L	
Be 313.107	8907.0	54.66	0.61%		
Cd 226.502	8907.0 218.6 103.1	1.34	0.61%	0.005 mg/L	
Co 228.616	10011	0.64	0.623	0.005 mg/L	
Cr 267.716	276.8 947.8	7.43	2.69	0.005 mg/L 0.005 mg/L	
Cu 324.752		22.09	2.33%	0.005 mg/L	
Mn 257.610	2272.2	9.62	0.42% 5.32%	0.005 mg/L	
Mo 202.031	37.5	1.99	5.325	0.005 mg/L	
Ni 231.604	108.7	4.82	4.43	0.005 mg/L 0.005 mg/L	
Pb 220.353	12.5	0.00	0.02	0.005 mg/L	
Sb 206.836	8.0	2.04	25.553 26.99%	0.005 mg/L 0.005 mg/L	
Se 196.026	3.9	1.04	26.99b	0.005 mg/L	
Ti 336.121	1166.7	4.73	0.4L:	0.005 mg/L 0.005 mg/L	
T1 190.801	7.4	1.07	0.41: 14.43	0.005 mg/L	
V 292.402	596.3	1.29	0.225 0.825	0.005 mg/L 0.005 mg/L	
2n 206.200	192.7	1.5E	V.82	0.005 mg/L	
Sn 189.927				0.005 mg/L	
Mean Data ID: Std 3		Seq. No.: 5		λ/S Pos: 3	
		Data: Origin	nal	λ/S Pos: 3 Date: 12/22/2000	1:05:05
	Mean Corr.			Calib	
Element	Intensity	Std.Dev.	RSD	Conc. Units	
Y 360.073	2261081.5 8590.4	2783.05	0.123	4.9592 mg/L	
Ag 338.289	8590.4	32.11	0.375	0.100 mg/L	
Ag 328.068	8590.4 13360.2 1364.9 97.8	88.71	0.66%	0.100 mg/L	
AI 308.215	1364.9	34.25	2.51:	0.100 mg/L	
As 188.979	97.8	2.62	2.68%	0.100 mg/L	
	2893.3	21.83	0.75:	0.100 mg/L	
3 249.677		10 11	0.81%		
3 2 <b>4</b> 9.677 3a 233.527	5245.1	42.66		0.100 mg/L	
Ba 233.527	5245.1				
Ba 233.527 Be 313.107	5245.1 182809.9	403.92		0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253	5245.1	403.92 2.22 80.17	0.22% 0.97% 0.72%	0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933	5245.1 182809.9 228.2 11196.1	403.92 2.22 80.17	0.22% 0.97% 0.72%	0.100 mg/L 0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502	5245.1 182809.9 228.2 11196.1 4498.5	403.92 2.22 80.17 46.70	0.22% 0.97% 0.72% 1.04	0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616	5245.1 182809.9 228.2 11196.1 4498.5 2176.5	403.92 2.22 80.17 46.70 4.56	0.22% 0.97% 0.72% 1.04% 0.21%	0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8	403.92 2.22 80.17 46.70 4.56 33.08	0.22% 0.97% 0.72% 1.04% 0.21% 0.56%	0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752	5245.1 182809.9 228.2 11196.1 4498.5 2176.5	403.92 2.22 80.17 46.70 4.56 33.08 118.16	0.22% 0.97% 0.72% 1.04% 0.21%	0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L	
Sa 233.527 Se 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Ce 302.107	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.56% 0.58%	0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Ce 302.107 Ce 238.204	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4 4771.3	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01 25.31	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.58% 0.00% 0.53%	0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Te 238.204 Eg 279.077	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4 4771.3 936.1	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01 25.31 1.25	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.58% 0.00% 0.53% 0.13%	0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Ce 302.107 Ce 238.204 Eg 279.077 En 257.610	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4 4771.3 936.1 44116.1	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01 25.31 1.25 379.86	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.58% 0.58% 0.00% 0.53% 0.13% 0.13% 0.86%	0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Te 238.204 Eg 279.077	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4 4771.3 936.1	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01 25.31 1.25 379.86 7.24	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.58% 0.00% 0.53% 0.13%	0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Ce 302.107 Ce 238.204 Eg 279.077 In 257.610 Co 202.031	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4 4771.3 936.1 44116.1 834.1	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01 25.31 1.25 379.86 7.24 6.45	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.58% 0.00% 0.53% 0.13% 0.86% 0.87% 0.27%	0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Ce 302.107 Ce 238.204 Eg 279.077 In 257.610 Co 202.031 Ci 231.604 E 220.353	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4 4771.3 936.1 44116.1 834.1 2381.6	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01 25.31 1.25 379.86 7.24 6.45 2.59 2.12	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.58% 0.00% 0.53% 0.13% 0.86% 0.97% 0.86% 0.97% 0.64% 1.30%	0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Ce 302.107 Ce 238.204 Eg 279.077 In 257.610 Co 202.031 Ci 231.604	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4 4771.3 936.1 44116.1 834.1 2381.6 403.2	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01 25.31 1.25 379.86 7.24 6.45 2.59 2.12	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.58% 0.00% 0.53% 0.13% 0.86% 0.97% 0.86% 0.97% 0.64% 1.30%	0.100 mg/L 0.100 mg/L	
Sa 233.527 Se 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Ce 302.107 Ce 238.204 Ig 279.077 In 257.610 Io 202.031 Ii 231.604 E 220.353 E 206.836	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4 4771.3 936.1 44116.1 834.1 2381.6 403.2 163.1	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01 25.31 1.25 379.86 7.24 6.45 2.59 2.12 1.87 174.31	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.58% 0.58% 0.00% 0.53% 0.13% 0.86% 0.97% 0.64% 1.30% 1.78% 0.76%	0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Ce 302.107 Ce 238.204 Eg 279.077 In 257.610 Co 202.031 Ci 231.604 Db 220.353 Db 206.836 e 196.026 i 336.121	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4 4771.3 936.1 44116.1 834.1 2381.6 403.2 163.1 105.0 22857.7	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01 25.31 1.25 379.86 7.24 6.45 2.59 2.12 1.87 174.31	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.58% 0.58% 0.00% 0.53% 0.13% 0.86% 0.97% 0.64% 1.30% 1.78% 0.76%	0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Ce 302.107 Ce 238.204 Eg 279.077 En 257.610 Co 202.031 Ci 231.604 Eb 220.353 Eb 206.836 E 196.026 Ci 336.121 L 190.801	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4 4771.3 936.1 44116.1 834.1 2381.6 403.2 163.1 105.0 22857.7 197.4 12188.9	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01 25.31 1.25 379.86 7.24 6.45 2.59 2.12 1.87 174.31 9.12 74.44	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.58% 0.00% 0.53% 0.13% 0.86% 0.87% 0.86% 0.87% 0.27% 0.64% 1.30% 1.78% 0.76% 4.62% 0.61%	0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Be 302.107 Ce 238.204 Cg 279.077 Ch 257.610 Co 202.031 Ci 231.604 De 220.353 De 206.836 Ee 196.026 Ci 336.121 L 190.801 292.402	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4 4771.3 936.1 44116.1 834.1 2381.6 403.2 163.1 105.0 22857.7 197.4 12188.9	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01 25.31 1.25 379.86 7.24 6.45 2.59 2.12 1.87 174.31 9.12 74.44	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.58% 0.00% 0.53% 0.13% 0.86% 0.87% 0.86% 0.87% 0.27% 0.64% 1.30% 1.78% 0.76% 4.62% 0.61%	0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Ce 302.107 Ce 238.204 Eg 279.077 En 257.610 Co 202.031 Ci 231.604 E 220.353 E 206.836 E 196.026 Ci 336.121 L 190.801	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4 4771.3 936.1 44116.1 834.1 2381.6 403.2 163.1 105.0 22857.7 197.4 12188.9	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01 25.31 1.25 379.86 7.24 6.45 2.59 2.12 1.87 174.31 9.12 74.44	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.58% 0.00% 0.53% 0.13% 0.86% 0.87% 0.86% 0.87% 0.27% 0.64% 1.30% 1.78% 0.76% 4.62% 0.61%	0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Ca 226.502 Co 228.616 Cr 267.716 Cu 324.752 Ce 302.107 Ce 238.204 Eg 279.077 In 257.610 Co 202.031 Ci 231.604 Eb 220.353 Eb 206.836 e 196.026 i 336.121 1 190.801 292.402 n 206.200 n 189.927 Parta	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4 4771.3 936.1 44116.1 834.1 2381.6 403.2 163.1 105.0 22857.7 197.4 12188.9 3123.9 414.6	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01 25.31 1.25 379.86 7.24 6.45 2.59 2.12 1.87 174.31 9.12 74.44 2.47 10.71	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.58% 0.00% 0.53% 0.13% 0.86% 0.97% 0.27% 0.86% 0.97% 0.27% 0.64% 1.30% 1.78% 0.76% 4.62% 0.61% 0.08% 2.58%	0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Ca 226.502 Co 228.616 Cr 267.716 Cu 324.752 Ce 302.107 Ce 238.204 Eg 279.077 In 257.610 Co 202.031 Ci 231.604 Eb 220.353 Eb 206.836 e 196.026 i 336.121 1 190.801 292.402 n 206.200 n 189.927 Parta	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4 4771.3 936.1 44116.1 834.1 2381.6 403.2 163.1 105.0 22857.7 197.4 12188.9 3123.9 414.6	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01 25.31 1.25 379.86 7.24 6.45 2.59 2.12 1.87 174.31 9.12 74.44 2.47 10.71	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.58% 0.00% 0.53% 0.13% 0.86% 0.97% 0.27% 0.86% 0.97% 0.27% 0.64% 1.30% 1.78% 0.76% 4.62% 0.61% 0.08% 2.58%	0.100 mg/L 0.100 mg/L	
Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Ca 226.502 Co 228.616 Cr 267.716 Cu 324.752 Ce 302.107 Ce 238.204 Eg 279.077 In 257.610 Co 202.031 Ci 231.604 Eb 220.353 Eb 206.836 e 196.026 i 336.121 1 190.801 292.402 n 206.200 n 189.927 Parta	5245.1 182809.9 228.2 11196.1 4498.5 2176.5 5956.8 20224.4 301.4 4771.3 936.1 44116.1 834.1 2381.6 403.2 163.1 105.0 22857.7 197.4 12188.9 3123.9 414.6	403.92 2.22 80.17 46.70 4.56 33.08 118.16 0.01 25.31 1.25 379.86 7.24 6.45 2.59 2.12 1.87 174.31 9.12 74.44 2.47 10.71	0.22% 0.97% 0.72% 1.04% 0.21% 0.56% 0.58% 0.00% 0.53% 0.13% 0.86% 0.97% 0.27% 0.86% 0.97% 0.27% 0.64% 1.30% 1.78% 0.76% 4.62% 0.61% 0.08% 2.58%	0.100 mg/L 0.100 mg/L	1:13:08

	• •		Page 3	1	Date: 12/22/	2000 1:19:19 PM
Method: TAL LIST						
Element	Intensi			Conc. Unit: 4.9556 mg/L	5	
¥ 360.073	2259444					
Ag 338.289	87644 136243			1.00 mg/L 1.00 mg/L		
Ag 328.068	11845			1.00 mg/L		
Al 308.215 As 188.979	964			1.00 mg/L		
B 249.677	39782		0.43%	1.00 mg/L		
Ba 233.527	53019	9.1 39.12		1.00 mg/L		
Be 313,107	1869141			1.00 mg/L		
Ca 430.253	2183		_	1.00 mg/L 1.00 mg/L		
Ca 317.933	89009			1.00 mg/L		
Cd 226.502	45430 22275			1.00 mg/L		
Co 228.616	60685			1.00 mg/L		
Cr 267.716 Cu 324.752	208118			1.00 mg/L		
Fe 302.107	2963			1.00 mg/L		
Fe 238.204	48063			1.00 mg/L		
Mg 279.077	8624			1.00 mg/L 1.00 mg/L		
Mn 257.610	447103			1.00 mg/L 1.00 mg/L		
Mo 202.031	8561			1.00 mg/L		
Ni 231.604	24428			1.00 mg/L		
Pb 220.353	4030 1690			1.00 mg/L		
Sb 206.836	1064			1.00 mg/L		
Se 196.026 Ti 336.121	232642	2.6 430.18	0.10%	1.00 mg/L		
T1 336.121 T1 190.801	2000	10.89	C.54 \	1.00 mg/L		
V 292.402	123560	) <b>.9</b> 19.90	0.02	1.00 mg/L		
Zn 206,200	29114	4.6 B1.02	U.28	1.00 mg/L		
Sn 189.927	4264	<b>1</b> .1 22.92	0.54	1.00 mg/L		
Mean Data						
ID: Std 5		Data: Orig	inal	1	Date: 12/22/	2000 1:18:28 PM
				Calil		
Flement	Mean Coi Intensi	Etv Std.Dev.	RSD	Conc. Unit:		
Element Y 360.073	2230889		0.44	4.8929 mg/L		
Ag 338.289	895141		0.10	10.00 mg/L		
Ag 328.068	1379460	2.2 2067.24	0.15	10.00 mg/L		
A1 308.215	125934		0.22%	10.00 mg/L		
As 188.979	9738			10.00 mg/L		
B 249.677	413312	2.7 1861.75		10.00 mg/L 10.00 mg/L		
Ba 233.527	521760			10.00 mg/L		
Be 313.107	18861710			10.00 mg/L		
Ca 430.253	24241 898673			10.00 mg/L		
Ca 317.933	449655			10.00 mg/L		
Cd 226.502 Co 228.616	220661	1.7 277.55	0.13	10.00 mg/L		
Cr 267.716	606721	1.3 1042.83	0.17%	10.00 mg/L		
Cu 324.752	2158104	4.0 2606.32	0.12:	10.00 mg/L		
Fe 302.107	31791	1.4 IB.06		10.00 mg/L		
Fe 238.204	475531			10.00 mg/L 10.00 mg/L		
Mg 279.077	86564			10.00 mg/L 10.00 mg/L		
Mn 257.610	4346176 84941			10.00 mg/L		
Mo 202.031	243127			10.00 mg/L		
Ni 231.604 Pb 220.353	39706			10.00 mg/L		
SP 206.836	17286			10.00 mg/L		
Se 196.026		1.8 55.12		10.00 mg/L		
Ti 336.121	2298739	9.8 1104.11	0.05	10.00 mg/L		
T1 190.001	19665	5.0 81.96	0.42	10.00 mg/L		
V 292.402	1251253		0.14%	10.00 mg/L		
Zn 206.200	290484	4.3 645.80	0.22%	10.00 mg/L 10.00 mg/L		
Sn 189.927	42450		0.27%	-		
Calibration Summ	arv					/2000 1:19:19 PM
Method: TAL LIST	Low Level				Date: 12/22	/2000 1:19:19 PM
						Corr.
	Stds Equat			Slope		Coeff.
Element	-					0.000007
Ag 338.289	5 Linea	ar-thru-2ero	0.0	89495.3 137928.7	0.00000	0.999997 0.999999
Ag 328.068	5 Linea	ar-thru-Zero	0.0	13/928./	0.00000	
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Method: TAL L	IST Low Level	1	Pag	e 4		Date: 12/22/2	000 1:29:32 PM
A1 308.215	3	Linear-thru		0.0	12506 1	0.00000	0.000031
				0.0	12586.1	0.00000	0.999975
As 188.979	4	Linear-thru	1-Zero	0.0	973.7	0.00000	0.999999
B 249.677	3	Linear-thru	1-Zero	0.0	41314.7	0.00000	0.999984
Ba 233.527	5	Linear-thru	1-Zero	0.0 0.0	52184.4	0.00000	0.999998
Be 313.107	5	Linear-thru	1-Zero	0.0	1885996.7	0.00000	0.999999
Ca 430.253		Linear-thru	a-Zero	0.0	2421.7	0.00000	0.999930
Ca 317.933		Linear-thru	a-Zero	0.0	89861.0	0.00000	0.999995
Cd 226.502	5		l-Zero	0.0	44990.0	0.00000	0.999999
Co 228.616		Linear-thru	-Zero	0.0	22068.2	0.00000	0.999999
Cr 267.716	5	Linear-thru	-Zero	0.0	60672.1	0.00000	1.000000
Cu 324.752	5	Linear-thru	I-Zero	0.0	215732.9	0.00000	0.999992
Fe 302.107	3	Linear-thru	-Zero	0.0	3177.0	0.00000	0.9999€7
Fe 238.204	3	Linear-thru	-Zero	0.0	47558.2	0.00000	0.999999
Mg 279.077	3	Linear-thru	-Zero	0.0	8656.2	C.00000	0.999999
Mn 257.610	5	Linear-thru	-Zero	0.0	434741.9	0.00000	0.999995
Mo 202.031	5	Linear-thru	-Zero	0.0	8494.8	0.00000	1.00000
Ni 231.604	5	Linear-thru	-7870	0.0	24313.8	0.00000	1.000000
₽Ь 220.353		Linear-thru	-Zero	0.0	3971.3	0.00000	3999998
<b>5</b> Ъ 206.836		Linear-thru	~Zero	0.0	1728.2	0.00000	0.999997
Se 196.026		Linear-thru	-2ero	0.0	1091.2	0.00000	0.999996
Ti 336.121		Linear-thru	-2ero	0. :	229901.3	0.00000	0.999955
Tl 190.801	4	Linear-thru	-Zero	0.0	1966.8	0.00000	0.999998
V 292.402	5	Linear-thru	-Zero	0.0	125109.5		0.999999
Zn 206.200	5	Linear-thru Linear-thru	-Zero	0.0	29049.3	0.00000	1.0000000
Sn 189.927	4	Linear-thru-	-Zero	0.0	4245.2		1.000000
Mean Data							
ID: ICV		Se	eq. No.: 8	Sampl	e No.: 1	A/S Pos: 5	
Sample Qty:	1.0000 g	P	rep. Vol.:	1.0	L	Dilution:	1.0: 1.0
	-	Dá	rep. Vol.: ata: Original			Date: 12/02/20	00 1:23:54 PM
-	Mean Corr.	Mean		lib	Mean	Samp	le
Element	Intensity 2233606.4	Conc.	Std.Dev. Un		Conc.	Std.Dev. Units	
		4.8989	0.02055 mg				0.423
Ag 338.289	894975.0	10.000	0.0174 mg 0.0175 mg	/L			0.175
Ag 328.068	1379378.0	10.000					0.17%
Al 308.215	125928.7	10.005	0.0148 m.g.				0.15%
As 188.979	9753.7		0.0074 mg,				0.07%
B 249.677	416560.0	10.083	0.0064 mg,	/L			0.06%
Ba 233.527	523413.1	10.030	0.0152 mg,	/L			0.15%
Be 313.107	18981877.6	10.065	0.0722 mg,	/L			0.72%
Ca 430.253	24066.9	9.9379	0.0152 mg, 0.0722 mg, 0.01226 mg,	/L			0.12 :
Ca 317.933	902119.4	10.039	0.0227 mg/	/L			0.23
Cd 226.502	451111.3	10.027	0.0105 mg/	/L			0.10.
Co 228.616	221158.3	10.022	0.0088 mg/	L.			0.09%
Cr 267.716	608348.4	10.027	0.0083 mg/	L.			0.08×
Cu 324.752	2156580.6	9.9965	0.04362 mg/	'L			0.443
Fe 302.107	31654.0	9.9635	0.03392 mg/	'L			C.34%
Fe 238.204	476766.5	10.025	0.0011 mg/	'L			0.01:
Mg 279.077	476766.5 86715.2	10.018	0.0011 mg/ 0.0002 mg/	L			C.00:
-	4358277.3	10.025	0.0037 mg/	'L			0.04
40 202.031	85088.3	10.025 10.016	0.0037 mg/ 0.0004 mg/ 0.0090 mg/ 0.07376 mg/	ï.			0.00
Ni 231.604	243758.0	10.025	0.0090 mg/	L			0.09:
DE 220 252	39679.2	10.025 9.9915	0.07376 mg/	L			0.74.
		9,9747	0.04943 mg/	T.			0,50%
Sb 206.836	17238 4						
Sb 206.836 Se 196.026	17238.4 10920.8	10.008	0.0094 mg/	Ť.			Ć. 09 -
Sb 206.836 Se 196.026 Fi 336.121	17238.4 10920.8 2300591 3	10.008	0.0094 mg/	Ľ L			0.09× 0.12×
Sb 206.836 Se 196.026 Fi 336.121 F1 190.801	17238.4 10920.8 2300591.3 19591.2	10.008 10.007 9.9607	0.0094 mg/ 0.0122 mg/ 0.01507 mg/				0.120
Sb 206.836 Se 196.026 Fi 336.121 Fl 190.801 7 292.402	17238.4 10920.8 2300591.3 19591.2 1253637 5	10.008 10.007 9.9607 10.020	0.0094 mg/ 0.0122 mg/ 0.01607 mg/ 0.0035 mg/				0.12: 0.16:
Sb 206.836 Se 196.026 Ti 336.121 Tl 190.801 V 292.402 Zp 206 200	17238.4 10920.8 2300591.3 19591.2 1253637.5 291955 9	10.008 10.007 9.9607 10.020	0.0094 mg/ 0.0122 mg/ 0.01607 mg/ 0.0035 mg/ 0.0254 mg/				0,12: 0,16: 0,03%
Sb 206.936 Se 196.026 Ti 336.121 Tl 190.801 7 292.402 In 206.200 in 189.927	17238.4 10920.8 2300591.3 19591.2 1253637.5 291955.9 42458.6	10.008 10.007 9.9607 10.020 10.050 10.050	0.0094 mg/ 0.0122 mg/ 0.01607 mg/ 0.0035 mg/ 0.0254 mg/ 0.0460 mg/				0,12: 0,16: 0,03% 0,25:
	17238.4 10920.8 2300591.3 19591.2 1253637.5 291955.9 42458.6						0.12: 0.16: 0.03* 0.25: 0.46%
	17238.4 10920.8 2300591.3 19591.2 1253637.5 291955.9 42458.6						0.12: 0.16: 0.03* 0.25: 0.46%
Mean Data ID: BLANK	17238.4 10920.8 2300591.3 19591.2 1253637.5 291955.9 42458.6	Sec	4. No.: 9	Sample	No.: 1	A/S Pos: 9	0.12: 0.16: 0.03* 0.25: 0.46:
Mean Data ID: BLANK	17238.4 10920.8 2300591.3 19591.2 1253637.5 291955.9 42458.6	Sec	4. No.: 9	Sample	No.: 1	A/S Pos: 9	0.12: 0.16: 0.03* 0.25: 0.46%
Mean Data ID: BLANK	17238.4 10920.8 2300591.3 19591.2 1253637.5 291955.9 42458.6	Sec	4. No.: 9	Sample	No.: 1	A/S Pos: 9	0.12: 0.16: 0.03* 0.25: 0.46:
Mean Data ID: BLANK Sample Qty:	17238.4 10920.8 2300591.3 19591.2 1253637.5 291955.9 42458.6	Sec Pre Dat	4. No.: 9 ep. Vol.: a: Original	Sample 1.0 r	No.: l mL	A/S Pos: 9 Dilution: Date: 12/22/200	0.12: 0.16: 0.03: 0.25: 0.46: 1.0: 1.0 0 1:28:59 PM
Mean Data ID: BLANK Sample Qty:	17238.4 10920.8 2300591.3 19591.2 1253637.5 291955.9 42458.6	Sec Pre Dat	4. No.: 9 ep. Vol.: a: Original	Sample 1.0 r	No.: l mL	A/S Pos: 9 Dilution: Date: 12/22/200	0.12: 0.16: 0.03: 0.25: 0.46: 1.0: 1.0 0 1:28:59 PM
Mean Data ID: BLANK Sample Qty:	17238.4 10920.8 2300591.3 19591.2 1253637.5 291955.9 42458.6	Sec Pre Dat	4. No.: 9 ep. Vol.: a: Original	Sample 1.0 r	No.: l mL	A/S Pos: 9 Dilution: Date: 12/22/200	0.12: 0.16: 0.03: 0.25: 0.46: 1.0: 1.0 0 1:28:59 PM
ID: B <b>LANK</b> Sample Qty:	17238.4 10920.8 2300591.3 19591.2 1253637.5 291955.9 42458.6	Sec Pre Dat	4. No.: 9 ep. Vol.: a: Original	Sample 1.0 m	No.: l mL	A/S Pos: 9 Dilution: Date: 12/22/200	0.12: 0.16: 0.03: 0.25: 0.46: 1.0: 1.0 0 1:28:59 PM
Mean Data ID: BLANK Sample Qty:	17238.4 10920.8 2300591.3 19591.2 1253637.5 291955.9 42458.6	Sec Pre Dat	4. No.: 9 ep. Vol.: a: Original	Sample 1.0 m	No.: l mL	A/S Pos: 9 Dilution: Date: 12/22/200	0.12: 0.16: 0.03: 0.25: 0.46: 1.0: 1.0 0 1:28:59 PM
Mean Data ID: BLANK Sample Qty:	17238.4 10920.8 2300591.3 19591.2 1253637.5 291955.9 42458.6	Sec Pre Dat	4. No.: 9 ep. Vol.: a: Original	Sample 1.0 m	No.: l mL	A/S Pos: 9	0.12: 0.16: 0.03: 0.25: 0.46: 1.0: 1.0 0 1:28:59 PM

			Page	5	Date: 12/2	2/2000 1:39:33 PM
Mathod: TAL	LIST Low Level				37 0.0077007	ma/L 63.98%
As 188.979	11.7	0.012037				
B 249.677	5174.7		0.010497 mg/			
Ba 233.527	481.9	0.009234		-		
Be 313.107	20421.9	0.010828	0.0013924 mg/			
Ca 430.253	-5.5	-0.002269	0.0175300 mg/			mg/L 46.16%
Ca 317.933	504.7	0.005617	0.0025927 mg/		52 0.0011883	mg/L 12.06%
Cd 226.502	443.3	0.009852				
Co 228.616	216.4	0,009805				
Cr 267.716	560.4	0.009237	0.0011276 mg/			mg/L 12.21° mg/L 6.78τ
Cu 324.752	10636.1	0.049302	0.0043282 mg/	L 0.0493	02 0.0043282	mg/1 8.000
Fe 302.107	15.5	0.004868	0.0016099 mg/	L 0.0048	£8 0.0016099	mg/L 33.071 mg/L 17.063
Fe 238.204	382.5	0.008043		L 0.0080	43 0.0013721	mg/L 1/1063
Mg 279.077	103 5	0.011955		L 0.0119	55 0.0006301	mg/L 5.34
	103.5 4456.9	0 010050	0 0013650 mg/	L 0.0102 L 0.0104	55 0.0013959 52 0.0013959	mg/L 13.62%
Mn 257.610	4400.0	0 010402	0.0007985 mg/	L 0.0104	02 0.0007985 88 0.0009368	mg/L 7.68%
Mo 202.031	88.4 238.0	0 009788	0.0009368 mg/	L 0.0097	88 0.0009368	mg/L 9.57
Ni 231.604	230.0	0.009349	0 0011351 mg/	0.0083	49 0.0011351	mg/L 13.c0%
Pb 220.353	33.2 20.6	0.000345	0.0024772  mg/	r. 0.0119	45 0.0024772	mg/L 20.74%
Sb 206.036	20.6	0.011945	0.0024772 mg/	0.0076	95 0.0062388	mg/L 61.08%
Se 196.026	8.4 2395.7	0.007695	0.0002306 mg/	6 0104	20 0.0012996	mg/L 12.47.
Ti 336.121	2395.7	0.010420	0.0012990 mg/	n 0101	18 0.0002212	mg/L 2.19
Tl 190.801	19.9 1226.0	0.010118	0.0002212 mg/.	- V VUQA	0.0013590	mg/L 13.87
V 292.402	1226.0	0.009800	0.0013030 mg/.	ט.0095 ר ה הוסס	61 0.0013830	mg/L 10.84
Zn 206.200	370.7	0.012761	0.0013830 mg/ 0.0027192 mg/		47 0.0027192	mg/L 28.42%
Sn 189.927					e, 0.001/1/1	mg/L       7.68%         mg/L       9.57%         mg/L       13.60%         mg/L       20.74%         mg/L       12.47%         mg/L       2.19%         mg/L       13.87%         mg/L       10.84%         mg/L       28.42%
Mean Data -					A/S Pos: 1	
ID: CCB		Se	q. No.: EU	LAT	Dilution:	1.0: 1.0
Sample Qty:	1.0000 g	Pi Da	ep. Vol.: Ta: Original	1.0 L	Date: 12/2	1.0: 1.0 2/2000 1:33:54 PM
	Mean Corr. Intensity 2266867.7 655.7					 Sample
	Mean Corr.	Mean	Cal.	lb Me Co	an nc. Std.Dev.	Units RSD
Element	Intensity	Conc.	5ta.uev. oni	r		0.15%
Y 360.073	2266867-7	4.9/19	0.00730 mg/.			1.60 %
Ag 338.289	655.7	0.00/32/	0.00011/0 mg/.			
						0.20%
Ag 328.068	970.1	0.007033	0.0000138 mg/	L 		
*QC exceeds	upper limit for	Ag 328.068	Action = Cont.	Inue		37.07%
Al 308.215	93.1	0.007394	0.0027410 mg/	Li 7		14.79%
As 188.979	11.0	0.011299	0.0016/16 mg/.			1.76%
B 249.677	upper 11mit 151 93.1 11.0 2659.9	0.064382	0.0011355 mg/.	<b>با</b>		
*∩C exceeds	unner limit for	B 249.0//	ACTION - CONCT	luc		3.70%
Ba 233.527	428.1	0.008205	0.0003032 mg/			2.26%
Be 313.107	16396.0	0.008694	0.0001967 mg/.	L		21.73%
Ca 430.253	-20.6	-0.008517	0.0018508 mg/			8.79
Ca 317.933	789.4	0.008785	0.0007721 mg/	L		4.48
Cd 226.502	-20.6 789.4 362.8	0.008064	0.0003615 mg/			
Co 228.616	182.7	0.008279	0.0000806 mg/			0.97.
Cr 267.716	487.9	0.008042	0.0004008 mg/		mali	4.98× 2.295
Cu 324.752	8196.9	0.037996	0.0008694 mg/	L	0,00	2.29%
*OC avceade	upper limit for		Action = Cont	inue		105 40:
Fe 302.107	22.8	0.007172	0.0089958 mg/	<u>r.</u>		125.42%
Fe 238.204	286.4	0.006021	0.0005134 mg/	L		8.531
Mg 279.077	97.2	0.011224	0.0009100 mg/			8.11
Mg 279.077 Mn 257.610	3734.7	0.008591	0.0001767 mg/			2.06
Mo 202.031	80.8	0.009509	0.0005666 mg/			5,96%
	194.1	0.007982	0.0004828 mg/			6.05%
Ni 231.604	24.9	0.006265	0.0004264 mg/			6.81°
Pb 220.353	16.2	0.009391	0.0029167 mg/			31.06:
Sb 206.836		0.007448	0.0021027 mg/			28.23%
Se 196.026	8.1	0.008553	0.0000952 mg/			1.11%
Ti 336.121	1966.3	-	0.0001777 mg/			1.82%
T1 190.801	19.3	0.009792				0.17%
V 292.402	1042.4	0.008332	0.0000139 mg/			4.03%
Zn 206.200 Sn 189.927	279.4 35.2	0.00961/ 0.008282	0.0003874 mg/ 0.0001295 mg/			1.56%
			-			
Mean Data - ID: QC CHK		S6	a No.: 11	Sampre No., 2		
Cample Ofur	1.0000 g	P	ep. Vol.:	1.0 L	117 112 1 OD :	1.0. 1.0
sample Sch:		Da	ta: Original		Date: 12/2	2/2000 1:38:57 PM
		Mean	Cal	ib Me	an	Sample
<b>D</b> )	Mean Corr.	Conc	Std.Dev. Uni	ts Co	nc. Std.Dev.	Units RSD
Element	Intensity	4 0204	0.00570 mg/	 L		0.123
¥ 360.073	2248068.5	4.2300	Ciccolo Mg/	-		

Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 *QC exceeds 1 Ba 233.527 Be 313.107 Ca 430.253 *QC exceeds 1	993.0 32250.0 lower limit for 54486.8 1900596.1 2142.4 lower limit for 89048.5 46051.1 22745.3 62018.3 220530.6 3056.4 48609.4 8799.2 452577.0	1.0725 1.0842 0.90241 1.0197 0.78059 B 249.677 1.0441 1.0077 0.88467 Ca 430.253 0.99096 1.0236 1.0307 1.0222 1.0222 0.96204	Page 0.01252 mg/L 0.01254 mg/L 0.006969 mg/L 0.00383 mg/L 0.013183 mg/L Recovery = 78. 0.01540 mg/L 0.008154 mg/L 0.015015 mg/L 0.01280 mg/L 0.01455 mg/L 0.00834 mg/L 0.00834 mg/L 0.00834 mg/L	06% Actio				1.1 1.1 0.7 0.3 1.6 1.4 0.1 0.9 1.5 2.1
As 188.979 B 249.677 *QC exceeds 1 Ba 233.527 Be 313.107 Ca 430.253 *QC exceeds 1 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610	993.0 32250.0 lower limit for 54486.8 1900596.1 2142.4 lower limit for 89048.5 46051.1 22745.3 62018.3 220530.6 3056.4 48609.4 8799.2 452577.0	1.0197 0.78059 B 249.677 1.0441 1.0077 0.88467 Ca 430.253 0.99096 1.0236 1.0236 1.0307 1.0222 1.0222 0.96204	0.00383 mg/L 0.013183 mg/L Recovery = 78. 0.01540 mg/L 0.00138 mg/L 0.008154 mg/L Recovery = 88	06% Actio				1.1 0.7 0.3 1.6 1.4 0.1 0.9 1.5 2.1
As 188.979 B 249.677 *QC exceeds 1 Ba 233.527 Be 313.107 Ca 430.253 *QC exceeds 1 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610	993.0 32250.0 lower limit for 54486.8 1900596.1 2142.4 lower limit for 89048.5 46051.1 22745.3 62018.3 220530.6 3056.4 48609.4 8799.2 452577.0	1.0197 0.78059 B 249.677 1.0441 1.0077 0.88467 Ca 430.253 0.99096 1.0236 1.0236 1.0307 1.0222 1.0222 0.96204	0.00383 mg/L 0.013183 mg/L Recovery = 78. 0.01540 mg/L 0.00138 mg/L 0.008154 mg/L Recovery = 88	06% Actio				1.1 0.7 0.3 1.6 1.4 0.1 0.9 1.5 2.1
As 188.979 B 249.677 *QC exceeds 1 Ba 233.527 Be 313.107 Ca 430.253 *QC exceeds 1 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610	993.0 32250.0 lower limit for 54486.8 1900596.1 2142.4 lower limit for 89048.5 46051.1 22745.3 62018.3 220530.6 3056.4 48609.4 8799.2 452577.0	1.0197 0.78059 B 249.677 1.0441 1.0077 0.88467 Ca 430.253 0.99096 1.0236 1.0236 1.0307 1.0222 1.0222 0.96204	0.00383 mg/L 0.013183 mg/L Recovery = 78. 0.01540 mg/L 0.00138 mg/L 0.008154 mg/L Recovery = 88	06% Actio				0.7 0.3 1.6 1.4 0.1 0.9 1.5 2.1
As 188.979 B 249.677 *QC exceeds 1 Ba 233.527 Be 313.107 Ca 430.253 *QC exceeds 1 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610	993.0 32250.0 lower limit for 54486.8 1900596.1 2142.4 lower limit for 89048.5 46051.1 22745.3 62018.3 220530.6 3056.4 48609.4 8799.2 452577.0	1.0197 0.78059 B 249.677 1.0441 1.0077 0.88467 Ca 430.253 0.99096 1.0236 1.0236 1.0307 1.0222 1.0222 0.96204	0.00383 mg/L 0.013183 mg/L Recovery = 78. 0.01540 mg/L 0.00138 mg/L 0.008154 mg/L Recovery = 88	06% Actio				0.3 1.6 1.4 0.1 0.9 1.5 2.1
B 249.677 *QC exceeds 1 Ba 233.527 Be 313.107 Ca 430.253 *QC exceeds 1 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610	32250.0 lower limit for 54486.8 1900596.1 2142.4 lower limit for 89048.5 46051.1 22745.3 62018.3 220530.6 3056.4 48609.4 8799.2 452577.0	0.78059 B 249.677 1.0441 1.0077 0.88467 Ca 430.253 0.99096 1.0236 1.0307 1.0222 1.0222 0.96204	0.013183 mg/L Recovery = 78. 0.01540 mg/L 0.00138 mg/L 0.008154 mg/L Recovery = 88	06% Actio				1.6 1.4 0.1 0.9 1.5 2.1
*QC exceeds 1 Ba 233.527 Be 313.107 Ca 430.253 *QC exceeds 1 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610	lower limit for 54486.8 1900596.1 2142.4 lower limit for 89048.5 46051.1 22745.3 62018.3 220530.6 3056.4 48609.4 8799.2 452577.0	B 249.677 1.0441 1.0077 0.88467 Ca 430.253 0.99096 1.0236 1.0307 1.0222 1.0222 0.96204	Recovery = 78. 0.01540 mg/L 0.00138 mg/L 0.008154 mg/L Recovery = 88	06% Actio .47% Acti				1.4 0.1 0.9 1.5 1.1
Ba 233.527 Be 313.107 Ca 430.253 *QC exceeds J Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610	54486.8 1900596.1 2142.4 lower limit for 89048.5 46051.1 22745.3 62018.3 220530.6 3056.4 48609.4 8799.2 452577.0	1.0441 1.0077 0.88467 Ca 430.253 0.99096 1.0236 1.0307 1.0222 1.0222 0.96204	0.01540 mg/L 0.00138 mg/L 0.008154 mg/L Recovery = 88	.47% Acti				0.1 0.9 1.5 1.1
Be 313.107 Ca 430.253 *QC exceeds J Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610	1900596.1 2142.4 lower limit for 89048.5 46051.1 22745.3 62018.3 220530.6 3056.4 48609.4 8799.2 452577.0	1.0077 0.88467 Ca 430.253 0.99096 1.0236 1.0307 1.0222 1.0222 0.96204	0.00138 mg/L 0.008154 mg/L Recovery = 88	.47% Acti	ion = Continu	e		0.1 0.9 1.5 1.1
Ca 430.253 *QC exceeds ] Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610	2142.4 lower limit for 89048.5 46051.1 22745.3 62018.3 220530.6 3056.4 48609.4 8799.2 452577.0	0.88467 Ca 430.253 0.99096 1.0236 1.0307 1.0222 1.0222 0.96204	0.008154 mg/L Recovery = 88	.47% Acti	ion = Continu	e		0.9
*QC exceeds ] Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610	lower limit for 89048.5 46051.1 22745.3 62018.3 220530.6 3056.4 48609.4 8799.2 452577.0	Ca 430.253 0.99096 1.0236 1.0307 1.0222 1.0222 0.96204	Recovery = $88$	.47% Acti	ion = Continu	e		1.5
Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610	89048.5 46051.1 22745.3 62018.3 220530.6 3056.4 48609.4 8799.2 452577.0	0.99096 1.0236 1.0307 1.0222 1.0222 0.96204	0.015015 mm/T		ion = Continu	e		1.1
Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610	46051.1 22745.3 62018.3 220530.6 3056.4 48609.4 8799.2 452577.0	1.0236 1.0307 1.0222 1.0222 0.96204	0.015015 mg/L 0.01190 mg/L 0.01280 mg/L 0.01455 mg/L 0.00834 mg/L					1.1
Mg 279.077 Mn 257.610	48609.4 8799.2 452577.0	1.0236 1.0307 1.0222 1.0222 0.96204 1.0221	0.01190 mg/L 0.01280 mg/L 0.01455 mg/L 0.00834 mg/L					
Mg 279.077 Mn 257.610	48609.4 8799.2 452577.0	1.0307 1.0222 1.0222 0.96204 1.0221	0.01280 mg/L 0.01455 mg/L 0.00834 mg/L					
Fe 238.204 Mg 279.077 Mn 257.610	48609.4 8799.2 452577.0	1.0222 1.0222 0.96204 1.0221	0.01455 mg/L 0.00834 mg/L					1.2
Fe 238.204 Mg 279.077 Mn 257.610	48609.4 8799.2 452577.0	1.0222 0.96204 1.0221	0.00834 mg/L					1.4
Mg 279.077 Mn 257.610	48609.4 8799.2 452577.0	0.96204	0 001101					0.8
Fe 238.204 Mg 279.077 Mn 257.610	48609.4 8799.2 452577.0	1.0221						0.1
Mg 279.077 Mn 257.610	8799.2 452577.0 8584.2	1.0421	0 01372 mg/L					1.3
Mn 257.610	452577.0 8584.2	1 0165	0.01372 mg/L 0.01051 mg/L 0.00146 mg/L 0.00386 mg/L					1.0
M- 000 001	452577.0	1.0105	0.01051 mg/1					
Mo 202.031 Ni 231.604 Pb 220.353 Sb 206.836 Se 196.026	8584.2	1.0410	0.00146 mg/L					C.1.
Ni 231.604 Pb 220.353 Sb 206.836 Se 196.026		1.0105	0.00386 mg/L					0.3
Pb 220.353 Sb 206.836 Se 196.026	25254.7	1.0387	0.01256  mg/L					1.2
Sb 206.836 Se 196.026	4076.0	1.0264	0.00350 mg/L					0.3
Se 196.026	1747.9	1.0114	0.00932 mg/L					0.9
m. 336 191	1093.7	1.0023	0.00319 mg/L					C.31
11 330.141	232971.2	1.0134	0.00116 mg/L					0.1.
T1 190.801	2040 7	1.0375	0.00591 mg/L					0.5
V 292 402	126285 7	1 0094	0.01403  mg/L					1.3
25 206 200	30485 8	1 0494	0.01499 mg/I					1.4
20 200.200	50405.0	0.000120	0.0009565 mg/L					794.12
511 109.927	0.5	0.000120	0.0009300 mg/L					
Mean Data								
ID: ICS A		Se	eq. No.; 12 S	ample No.	:3 A/	S Pos: 7	t	
Sample Qty:	1.0000 g	Pr	cep. Vol.:	1.0 L	Di	lution:	1.0	0:
	-	Da	ta: Original		Da	te: 12/2	2/2000 .	1:44:32 F
			eq. No.; 12 S rep. Vol.: ata: Original					• • • <b>• • •</b>
	Mean Corr.	Mean	Calib Std.Dev. Units 0.00058 mg/L 0.0002053 mg/L 0.0000272 mg/L 1.118 mg/L 0.0092804 mg/L		Mean		Sample	
Element	Intensity	Conc.	Std.Dev. Units		Conc. S	td.Dev.	Units	RSD
Y 360.073	1973073.Ť	4.3275	0.00058 mg/L					0.01
Ag 338.289	853.5	0.009537	0.0002053 mg/L					2.15
Ag 326.068	686.0	0.004974	0.0000272 mg/L					0.55
A1 308.215	5981106 7	475 13						0.24
Ac 188 979	-20 2	-0 014085	1.118 mg/L 0.0092804 mg/L 0.0036471 mg/L 0.0001746 mg/L					65.89
P 249 677	-1010 5	0 051913	0.0002004 mg/L					7.04
D 242.077	-1212.0	0.001016						14.35
Ba 233.527	53.5	0.001216	0.0001/46 mg/L					
Be 313.107	5830.9	0.003092	0.0001565 mg/L 1.095 mg/L					5.06
								0.19
Ca 317.933	40108257.6	446.23	0.178 mg/L					0.04
Cd 226.502	2123.2	0.036598	0.0003104 mg/L					0.85
Co 228.616	78.1	-0.003811	0.0001213 mg/L					3.18
Cr 267.716	-70.6	-0.001163	0.0000751 mg/L					t.4t
Cu 324.752	5754.0		0.0008231 mg/L					3.09
Fe 302.107	. 5754.0 709231.7	223.24	0.259 mg/L					0.12
Fe 238.204	7272699.1	152 02	0.237 mg/2					0.02
	1212077.1 1290115 C	152.92 506.24	0.032 mg/L					0.02
Mg 279.077	4380445.6	0 002023	0.611 mg/L					
Mn 257.610	38/9-1	-0.002023	0.0001893 mg/L					9.36
Mo 202.031			C.0012723 mg/L					40.49
Ni 231.604	33.8	0.001390	0.0001325 mg/L					9.54
Pb 220.353	-100.6	-0.007291	0.0001325 mg/L 0.0009779 mg/L 0.0008263 mg/L					:3.41
Sb 206.836	-30.4 -	-0.032623	0.0008263 mg/L 0.0017566 mg/L					2.53
Se 196.026	-49.8	0.001447	0.0017566 mg/L					121.40
Ti 336.121	-2153.4 -	-0.009366	0.0001223 mg/L					1.31
Tl 190.801	-54.9	0.004350	0.0010740 mg/L					24.69
V 292.402	-2617.5	0.003429	0.0001774 mg/L					5.175
V 292.402 Zn 206.200	635 0 -	0.010749	0.0001774 mg/L 0.0000220 mg/L					0.20
Sn 189.927	-358.7	-0.19721	0.000883 mg/L					0.45
Mean Data ID: ICS AB			и. No.: 13 Sau	mole No :	4 x/s	Post P		
Sample Ot	1.0000 g	Dec	n Voli	1 0 1	- A/S	ution.	1 0	. 1
sample Qty:	1.0000 g	Pre	.р. Окланиј њ. мот.:	I.0 L	D11	.ution:	1.U	
			p. Vol.: :a: Original			.e. 14/22		PM
	Mean Corr.	Mean	Calib Std.Dev. Units		Mean	5	ample	
Element		Cont	Std Deve United		Conc	d Dev 1	Inits	RSD

	LIST Low Level		Page 7		Date: 12/22/2000	2:01:57 PM
Method: TAL 3	LIST DOW DEVOL					0.01%
Y 360.073	1971535.8	4.3241	0.00050 mg/L			0.233
Ag 338.289	103327.2	1.1546	0.00262 mg/L 0.00169 mg/L			0.153 🗰
Ag 328.068	159024.5	1.1529	0.339 mg/L			0.07%
AI 308.215	6130122.3	486.97	0.00163  mg/L			0.16%
As 188.979	982.6	1.0159	0.004903 mg/L			0.60%
B 249.677	29721.5	0.82028 0.98813	0.005473 mg/L			0.55%
Ba 233.527	51565.0	1.0110	0.00233 mg/L			0.23%
Be 313.107	1906743.6	584.25	1.742 mg/L			0.30%
Ca 430.253	1415207.7 40805898.2	453.99	2.071 mg/L			0.46*
Ca 317.933	40805858.2		0.006545 mg/L			0.69:
Cd 226.502	19592.4	0.88027	0.002134 mg/L			0.24 · · · · · · · · · · · · · · · · · · ·
Co 228.616 Cr 267.716	58235.7	0.95984	0.006118 mg/L			0.42%
Cu 324.752	214495.1	0.98921	0.004142 mg/L			0.443
Fe 302.107	728088.9	229 18	0.998 mg/L			0.342
Fe 238.204	7378698.1	229.18 155.15	0.529 mg/L 0.393 mg/L			0.083
Mg 279.077	4451273.0	514.42	0.393 mg/L			0.60%
Mn 257.610	429187.0	0.97610	0.005887 mg/L			0.361
Mo 202.031	7902.1	0.92757	0.003383 mg/L			0.25%
Ni 231.604	21238.6	0.87352	0.002183 mg/L			0.03 -
Pb 220.353	3442.9	••••	0.000249 mg/L			0.41:
Sb 206.836	1686.7	0.96059	0.003896 mg/L			0.58.
Se 196.026	1049.8		0.00890 mg/L			0.471
Ti 336.121		0.96427	0.004564 mg/L			0.02
Tl 190.801		0.89540	0.000191 mg/L			0.61 <sup>.</sup>
V 292.402			0.006025 mg/L 0.008975 mg/L			0.99
Zn 206.200			0.002332  mg/L			1.14
Sn 189.927	-385.2					
Mean Data					A/S Pos: 10	
ID: BLANK		S	eq. No.: 14 Sampt	e No.: 2 mî.	Dilution:	.0: 1.0
ID: BLANK Sample Qty:	1.0000 mL	S P	eq. No.: 14 Sampi rep. Vol.: 1.0	ml	Dilution: 1 Date: 12/22/2000	.0: 1.0 1:56:00 PM
ID: BLANK Sample Qty:	1.0000 mL	D-	eq. No.: 14 Sampl rep. Vol.: 1.0 ata: Original			.0: 1.0 1:56:00 PM
ID: BLANK Sample Qty:		D-	eq. No.: 14 Sampl rep. Vol.: 1.0 ata: Original			
ID: BLANK Sample Qty: 	Mean Corr. Intensity	D Mean Conc.	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std Dev. Units	Mean Conc.	Sample Std.Dev. Units	RSD
Sample Qty:		Mean Conc. 4.9799	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std Dev. Units	Mean Conc.	Sample Std.Dev. Units	RSD
Sample Qty:  Element	Mean Corr. Intensity 2270520.4 274.8	Mean Conc. 4.9799 0.003071	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std Dev. Units	Mean Conc.	Sample Std.Dev. Units	RSD
Sample Qty:  Element Y 360.073	Mean Corr. Intensity 2270520.4 274.8	Mean Conc. 4.9799 0.003071 0.003120	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std Dev. Units	Mean Conc.	Sample Std.Dev. Units	RSD
Element Y 360.073 Ag 330.289 Ag 328.068 Al 308.215	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3	Mean Conc. 4.9799 0.003071 0.003120 0.75347	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std Dev. Units	Mean Conc.	Sample Std.Dev. Units	RSD
Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std Dev. Units	Mean Conc.	Sample Std.Dev. Units	RSD
Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std Dev. Units	Mean Conc.	Sample Std.Dev. Units	RSD
Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5 2300.1	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.024076	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std Dev. Units	Mean Conc.	Sample Std.Dev. Units	RSD
Element Y 360.073 Ag 330.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5 2300.1 4790.8	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std Dev. Units	Mean Conc.	Sample Std.Dev. Units	RSD
Element Y 360.073 Ag 330.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5 2300.1 4790.8 1766.1	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std Dev. Units	Mean Conc.	Sample Std.Dev. Units	RSD
Element Y 360.073 Ag 330.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5 2300.1 4790.8 1766.1 79962.5	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985	eq. No.: 14 Sampl rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001376 mg/L 0.0001806 mg/L 0.0037106 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.000150 mg/L 0.032511 mg/L 0.051979 mg/L	Mean Conc.	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.0037106 mg/L 0.0003705 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0001150 mg/L 0.032511 mg/L 0.051979 mg/L 0.0002045 mg/L	R\$D 0.12% 4.48% 5.79% 4.92% 39.79% 4.13% 0.14% 4.53% 4.46% 5.84% 8.75%
Element Y 360.073 Ag 330.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Ba 313.107 Ca 430.253 Ca 317.933 Cd 226.502	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5 2300.1 4790.0 1766.1 79962.5 105.2	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std Dev. Units	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002391	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.037106 mg/L 0.0003043 mg/L 0.0000630 mg/L 0.0001150 mg/L 0.032511 mg/L 0.051979 mg/L 0.0002045 mg/L 0.0000137 mg/L	R\$D 0.12% 4.48% 5.79% 4.92% 39.79% 4.13% 0.14 4.53% 4.46% 5.84% 8.75%
Element Y 360.073 Ag 330.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5 2300.1 4790.8 1766.1 79962.5	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001806 mg/L 0.001806 mg/L 0.0013043 mg/L 0.0000630 mg/L 0.0000630 mg/L 0.0000150 mg/L 0.032511 mg/L 0.051979 mg/L 0.0000137 mg/L 0.0001810 mg/L	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002338 0.002391 0.002324	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.037106 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0001150 mg/L 0.032511 mg/L 0.051979 mg/L 0.0002045 mg/L 0.0000137 mg/L 0.00001810 mg/L	R\$D 0.12% 4.48% 5.79% 4.92% 39.79% 4.13% 0.14% 4.53% 4.46% 5.84% 8.75% 0.57% 7.79%
Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5 2300.1 4790.8 1766.1 79962.5 105.2 52.8	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002391	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001806 mg/L 0.001806 mg/L 0.0013043 mg/L 0.0000630 mg/L 0.0000630 mg/L 0.0000150 mg/L 0.032511 mg/L 0.051979 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.0008988 mg/L	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002338 0.002324 0.002324 0.00230	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.037106 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0001150 mg/L 0.032511 mg/L 0.051979 mg/L 0.0002045 mg/L 0.0000137 mg/L 0.0001810 mg/L 0.0008988 mg/L	R\$D 0.12% 4.48% 5.79% 4.92° 39.79% 4.13% 0.14° 4.53% 4.46% 5.84% 8.75% 0.57% 7.79% 3.10%
Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5 2300.1 4790.8 1766.1 79962.5 105.2 52.8 141.0	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002338 0.002391 0.002324	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001376 mg/L 0.0001806 mg/L 0.037106 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0000630 mg/L 0.0000150 mg/L 0.032511 mg/L 0.001150 mg/L 0.002045 mg/L 0.0001810 mg/L 0.000187 mg/L 0.0008988 mg/L 0.027827 mg/L	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002338 0.002338 0.002324 0.002324 0.002300 0.35291	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.037106 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0001150 mg/L 0.032511 mg/L 0.0002045 mg/L 0.000137 mg/L 0.0001810 mg/L 0.0008988 mg/L 0.027827 mg/L	R\$D 0.12% 4.48% 5.79% 4.92° 39.79% 4.13% 0.14° 4.53% 4.46% 5.84% 8.75% 0.57% 7.79% 3.10% 7.89%
Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5 2300.1 4790.8 1766.1 79962.5 105.2 52.8 141.0 6262.8 1121.2 17917.9	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002338 0.002391 0.002391 0.029030 0.35291 0.37676	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001376 mg/L 0.0001806 mg/L 0.0037106 mg/L 0.0009795 mg/L 0.0009795 mg/L 0.0000430 mg/L 0.0000150 mg/L 0.032511 mg/L 0.001979 mg/L 0.0002045 mg/L 0.0001810 mg/L 0.0008988 mg/L 0.027827 mg/L 0.021140 mg/L	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002391 0.002324 0.023030 0.35291 0.37676	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.037106 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0001150 mg/L 0.032511 mg/L 0.0002045 mg/L 0.0002045 mg/L 0.000137 mg/L 0.0001810 mg/L 0.027827 mg/L 0.021140 mg/L	R\$D 0.12% 4.48% 5.79% 4.92° 39.79% 4.13% 0.14° 4.53% 4.46% 5.84% 8.75% 0.57% 7.79% 3.10% 7.89%
Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5 2300.1 4790.8 1766.1 79962.5 105.2 52.8 141.0 6262.8 1121.2 17917.9 7608.0	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002391 0.002324 0.002324 0.029030 0.35291 0.37676 0.87890	eq. No.: 14 Sampl rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001376 mg/L 0.0001806 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0000150 mg/L 0.0000150 mg/L 0.0000150 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.0027827 mg/L 0.021140 mg/L 0.021140 mg/L 0.048374 mg/L	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002338 0.002338 0.002338 0.002324 0.002324 0.029030 0.35291 0.37676 0.87890	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.0037106 mg/L 0.0037106 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0001150 mg/L 0.032511 mg/L 0.0002045 mg/L 0.0002045 mg/L 0.0001810 mg/L 0.027827 mg/L 0.021140 mg/L 0.048374 mg/L	R\$D 0.12% 4.48% 5.79% 4.92° 39.79% 4.13% 0.14° 4.53% 4.46% 5.84% 8.75% 0.57% 7.79% 3.10% 7.89% 5.61%
Element Y 360.073 Ag 330.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5 2300.1 4790.8 1766.1 79962.5 105.2 52.8 141.0 6262.8 1121.2 17917.9 7608.0 996.5	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002324 0.002391 0.002324 0.002391 0.35291 0.37676 0.87890 0.002292	eq. No.: 14 Sampl rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001376 mg/L 0.0001806 mg/L 0.0013043 mg/L 0.000795 mg/L 0.0000630 mg/L 0.0000150 mg/L 0.000150 mg/L 0.0001810 mg/L 0.0021840 mg/L 0.0021840 mg/L 0.027827 mg/L 0.021140 mg/L 0.021140 mg/L 0.048374 mg/L 0.000959 mg/L	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002391 0.002391 0.002324 0.029030 0.35291 0.37676 0.87890 0.002292	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.0037106 mg/L 0.0037106 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0001150 mg/L 0.0021150 mg/L 0.0002045 mg/L 0.000137 mg/L 0.000137 mg/L 0.0001810 mg/L 0.027827 mg/L 0.021140 mg/L 0.048374 mg/L 0.000959 mg/L	R\$D 0.12% 4.48% 5.79% 4.92° 39.79% 4.13% 0.14° 4.53% 4.46% 5.84% 8.75% 0.57% 7.79% 3.10% 7.89% 5.61%
Element Y 360.073 Ag 330.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610 Mo 202.031	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 979.5 2300.1 4790.0 1766.1 79962.5 105.2 52.8 141.0 6262.8 1121.2 17917.9 7608.0 996.5 28.7	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002391 0.002324 0.002324 0.029030 0.35291 0.37676 0.87890 0.002292 0.003381	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001376 mg/L 0.0001306 mg/L 0.0001306 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.000150 mg/L 0.000150 mg/L 0.000150 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.027827 mg/L 0.021140 mg/L 0.021140 mg/L 0.021140 mg/L 0.021140 mg/L 0.021140 mg/L 0.000959 mg/L 0.0003161 mg/L	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002324 0.002324 0.002324 0.002324 0.002324 0.02930 0.35291 0.37676 0.87890 0.002292 0.003381	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.037106 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000150 mg/L 0.032511 mg/L 0.032511 mg/L 0.0002045 mg/L 0.000137 mg/L 0.0000137 mg/L 0.0001810 mg/L 0.027827 mg/L 0.021140 mg/L 0.048374 mg/L 0.000959 mg/L 0.0003161 mg/L	R\$D 0.12% 4.48% 5.79% 4.92% 39.79% 4.13% 0.14 4.53% 4.46% 5.84% 8.75% 0.57% 7.79% 3.10% 7.89% 5.61% 5.50% 4.19%
Element Y 360.073 Ag 330.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610 Mo 202.031 Ni 231.604	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5 2300.1 4790.8 1766.1 79962.5 105.2 52.8 141.0 6262.8 1121.2 17917.9 7608.0 996.5 28.7 50.2	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002381 0.002324 0.029030 0.35291 0.376790 0.87890 0.002292 0.003381 0.002064	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001376 mg/L 0.0001806 mg/L 0.0013043 mg/L 0.000150 mg/L 0.0000630 mg/L 0.0000630 mg/L 0.000150 mg/L 0.00150 mg/L 0.00151979 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.0027827 mg/L 0.027827 mg/L 0.021140 mg/L 0.048374 mg/L 0.000359 mg/L 0.0003161 mg/L 0.000359 mg/L 0.0003161 mg/L	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002324 0.002324 0.002324 0.002324 0.02930 0.35291 0.37676 0.87890 0.002292 0.003381 0.002064	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.037106 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0001150 mg/L 0.001150 mg/L 0.0012511 mg/L 0.0012511 mg/L 0.000137 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.027827 mg/L 0.021140 mg/L 0.048374 mg/L 0.0003161 mg/L 0.0003161 mg/L	R\$D 0.12% 4.48% 5.79% 4.92% 39.79% 4.13% 0.14% 4.53% 4.46% 5.84% 8.75% 0.57% 7.79% 3.10% 7.89% 5.61% 5.61% 5.50% 4.19% 9.35%
Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610 Mo 202.031 Ni 231.604 Pb 220.353	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 979.5 2300.1 4790.8 1766.1 79962.5 105.2 52.8 141.0 6262.8 1121.2 17917.9 7608.0 996.5 28.7 50.2 1.5	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002324 0.02338 0.002324 0.002324 0.029030 0.35291 0.37676 0.87890 0.002292 0.003381 0.002064 0.000389	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001376 mg/L 0.0001806 mg/L 0.037106 mg/L 0.0013043 mg/L 0.00013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.000150 mg/L 0.000150 mg/L 0.001150 mg/L 0.001979 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.027827 mg/L 0.021140 mg/L 0.021140 mg/L 0.000359 mg/L 0.0003161 mg/L 0.0001744 mg/L 0.0003292 mg/L	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002338 0.002324 0.002324 0.002324 0.029030 0.35291 0.37676 0.87890 0.002292 0.003381 0.002064 0.002064 0.000389	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.037106 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000150 mg/L 0.032511 mg/L 0.032511 mg/L 0.0002045 mg/L 0.0000137 mg/L 0.0000137 mg/L 0.00001810 mg/L 0.027827 mg/L 0.021140 mg/L 0.048574 mg/L 0.000959 mg/L 0.0003161 mg/L	R\$D 0.12% 4.48% 5.79% 4.92° 39.79% 4.13% 0.14° 4.53% 4.46% 5.84% 8.75% 0.57% 7.79% 3.10% 7.89% 5.61% 5.50% 4.19% 9.35% 8.45% 84.60% 9.18%
Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610 Mo 202.031 Ni 231.604 Pb 220.353 Sb 206.836	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5 2300.1 4790.8 1766.1 79962.5 105.2 52.8 141.0 6262.8 1121.2 17917.9 7608.0 996.5 28.7 50.2 1.5 8.0	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002391 0.002391 0.002391 0.029030 0.35291 0.37676 0.87890 0.002292 0.003381 0.002064 0.000389 0.004608	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001376 mg/L 0.0001806 mg/L 0.037106 mg/L 0.037106 mg/L 0.0009795 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.000150 mg/L 0.032511 mg/L 0.000150 mg/L 0.000137 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.027827 mg/L 0.021140 mg/L 0.000359 mg/L 0.000359 mg/L 0.000359 mg/L 0.000359 mg/L 0.000359 mg/L 0.0003161 mg/L 0.0003292 mg/L 0.0003292 mg/L 0.0004228 mg/L	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002324 0.002324 0.002324 0.002324 0.02930 0.35291 0.37676 0.87890 0.002292 0.003381 0.002064	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.037106 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0001150 mg/L 0.001150 mg/L 0.001150 mg/L 0.0012511 mg/L 0.000137 mg/L 0.000137 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.027627 mg/L 0.021140 mg/L 0.048374 mg/L 0.000359 mg/L 0.0003161 mg/L 0.0003292 mg/L	R\$D 0.12% 4.48% 5.79% 4.92° 39.79% 4.13% 0.14° 4.53% 4.46% 5.84% 8.75% 7.79% 3.10% 7.89% 5.61% 5.50% 4.19% 9.35% 8.4
Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610 Mo 202.031 Ni 231.604 Pb 220.353 Sb 206.836 Se 196.026	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5 2300.1 4790.8 1766.1 79962.5 105.2 52.8 141.0 6262.8 1121.2 17917.9 7608.0 996.5 28.7 50.2 1.5 8.0 7.5	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002324 0.002324 0.002324 0.002324 0.002391 0.37676 0.87890 0.002292 0.003381 0.002292 0.003381 0.002292 0.003381 0.002064 0.000389 0.004608 0.006859	eq. No.: 14 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001376 mg/L 0.0001306 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0000150 mg/L 0.000150 mg/L 0.001150 mg/L 0.002511 mg/L 0.002511 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.027827 mg/L 0.027827 mg/L 0.021140 mg/L 0.021140 mg/L 0.0003959 mg/L 0.0003161 mg/L 0.0003292 mg/L 0.0003292 mg/L 0.0003292 mg/L 0.0003292 mg/L 0.00036320 mg/L	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002338 0.002391 0.002324 0.029030 0.35291 0.37676 0.87890 0.0029292 0.00381 0.002064 0.000389 0.004608	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.037106 mg/L 0.003706 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0001150 mg/L 0.0001370 mg/L 0.000245 mg/L 0.000137 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.0008988 mg/L 0.027827 mg/L 0.021140 mg/L 0.048374 mg/L 0.000359 mg/L 0.0003161 mg/L 0.0003292 mg/L 0.0003292 mg/L 0.0004228 mg/L	R\$D 0.12% 4.48% 5.79% 4.92% 39.79% 4.13% 0.14 4.53% 4.46% 5.84% 8.75% 0.57% 7.79% 3.10% 7.89% 5.61% 5.61% 5.61% 5.61% 5.61% 5.61% 5.61% 5.61% 5.61% 5.61% 5.60% 9.18% 52.95% 2.65%
Element Y 360.073 Ag 336.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610 Mo 202.031 Ni 231.604 Pb 220.353 Sb 206.836 Se 196.026 Ti 336.121	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 3.2 979.5 2300.1 4790.8 1766.1 79962.5 105.2 52.8 141.0 6262.8 1121.2 17917.9 7608.0 996.5 28.7 50.2 1.5 8.0 7.5 4719.7	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002324 0.002324 0.002324 0.002324 0.002321 0.37676 0.87890 0.002292 0.00381 0.002292 0.00381 0.0020529	eq. No.: 14 Sampl rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001376 mg/L 0.0001306 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0000150 mg/L 0.0000150 mg/L 0.000150 mg/L 0.0001510 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.0008988 mg/L 0.027827 mg/L 0.027827 mg/L 0.021140 mg/L 0.0003988 mg/L 0.000399 mg/L 0.000399 mg/L 0.0003292 mg/L 0.0003292 mg/L 0.0003439 mg/L	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002391 0.002324 0.029030 0.35291 0.37676 0.87890 0.002922 0.003381 0.00204 0.002064 0.000389 0.004608 0.006859	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.037106 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0001150 mg/L 0.0001150 mg/L 0.001379 mg/L 0.000137 mg/L 0.000137 mg/L 0.0001810 mg/L 0.0008988 mg/L 0.027827 mg/L 0.021140 mg/L 0.021140 mg/L 0.0003959 mg/L 0.0003161 mg/L 0.0003292 mg/L 0.0003292 mg/L 0.00036320 mg/L	R\$D 0.11% 4.48% 5.79% 4.92% 39.79% 4.13% 0.14 4.53% 4.46% 5.84% 8.75% 0.57% 7.79% 3.10% 7.89% 5.61% 5.61% 5.61% 5.50% 4.19% 9.35% 84.60% 9.18% 52.95% 2.65% 315.38%
Element Y 360.073 Ag 336.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610 Mo 202.031 Ni 231.604 Pb 220.353 Sb 206.836 Se 196.026 Ti 336.121 Tl 190.801	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 979.5 2300.1 4790.8 1766.1 79962.5 105.2 52.8 141.0 6262.8 1121.2 17917.9 7608.0 996.5 28.7 50.2 1.5 8.0 7.5 4719.7 0.9	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002328 0.002338 0.002391 0.002324 0.002329 0.35291 0.37676 0.87890 0.002292 0.00381 0.0020529 0.006859 0.006859 0.000469	eq. No.: 14 Sampl rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001376 mg/L 0.0001306 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0000630 mg/L 0.0000150 mg/L 0.000150 mg/L 0.000150 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.0008988 mg/L 0.027827 mg/L 0.027827 mg/L 0.021140 mg/L 0.0003988 mg/L 0.000399 mg/L 0.000399 mg/L 0.0003292 mg/L 0.000320 mg/L 0.0005439 mg/L 0.0005439 mg/L 0.00014777 mg/L	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002391 0.002391 0.002391 0.029030 0.35291 0.37676 0.87890 C.002292 0.00381 0.0020529	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.001306 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0001150 mg/L 0.0001150 mg/L 0.0002045 mg/L 0.0002045 mg/L 0.000137 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.027827 mg/L 0.021140 mg/L 0.021140 mg/L 0.000359 mg/L 0.0003161 mg/L 0.0003161 mg/L 0.0003292 mg/L 0.00036320 mg/L 0.0005439 mg/L 0.0014777 mg/L 0.0002756 mg/L	R\$D 0.11% 4.48% 5.79% 4.92% 39.79% 4.13% 0.14% 4.53% 4.46% 5.84% 8.75% 0.57% 7.79% 3.10% 7.89% 5.61% 5.50% 4.19% 9.35% 8.45% 84.60% 9.18% 52.95% 2.65% 315.38% 11.52%
Element Y 360.073 Ag 330.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610 Mo 202.031 Ni 231.604 Pb 220.353 Sb 206.836 Se 196.026 Ti 336.121 Tl 190.801 V 292.402	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 979.5 2300.1 4790.8 1766.1 79962.5 105.2 52.8 141.0 6262.8 1121.2 17917.9 7608.0 996.5 28.7 50.2 1.5 8.0 7.5 4719.7 0.9 299.4	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002324 0.002391 0.002391 0.37676 0.87890 0.03291 0.37676 0.87890 0.002292 0.00381 0.002292 0.00381 0.0020292 0.00381 0.0020292 0.00381 0.0020292 0.00381 0.0020292 0.004608 0.006859 0.002529 0.000469 0.002393	eq. No.: 14 Sampl rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001376 mg/L 0.0001306 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0000150 mg/L 0.0000150 mg/L 0.000150 mg/L 0.0001510 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.0008988 mg/L 0.027827 mg/L 0.027827 mg/L 0.021140 mg/L 0.0003988 mg/L 0.000399 mg/L 0.000399 mg/L 0.0003292 mg/L 0.0003292 mg/L 0.0003439 mg/L	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002338 0.002338 0.002338 0.002324 0.029030 0.35291 0.37676 0.87890 0.002292 0.003381 0.0020529 0.00468 0.006859 0.020529 0.000469	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.037106 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.000150 mg/L 0.032511 mg/L 0.051979 mg/L 0.0002045 mg/L 0.000137 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.027827 mg/L 0.021140 mg/L 0.021140 mg/L 0.0003959 mg/L 0.0003161 mg/L 0.0003292 mg/L 0.0014777 mg/L 0.0002756 mg/L 0.0000381 mg/L	R\$D 0.11% 4.48% 5.79% 4.92% 39.79% 4.13% 0.14% 4.53% 4.46% 5.84% 8.75% 0.57% 7.79% 3.10% 7.89% 5.61% 5.61% 5.50% 4.19% 9.35% 8.45% 84.60% 9.18% 52.95% 2.65% 315.38% 11.52% 1.16%
Element Y 360.073 Ag 330.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 Fe 238.204 Mg 279.077 Mn 257.610 Mo 202.031 Ni 231.604 Pb 220.353 Sb 206.836 Se 196.026 Ti 336.121 Tl 190.801	Mean Corr. Intensity 2270520.4 274.8 430.3 9483.3 979.5 2300.1 4790.8 1766.1 79962.5 105.2 52.8 141.0 6262.8 1121.2 17917.9 7608.0 996.5 28.7 50.2 1.5 8.0 7.5 4719.7 0.9	Mean Conc. 4.9799 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002328 0.002338 0.002391 0.002324 0.002329 0.35291 0.37676 0.87890 0.002292 0.00381 0.0020529 0.006859 0.006859 0.000469	eq. No.: 14 Sampl rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.00555 mg/L 0.0001376 mg/L 0.0001806 mg/L 0.0013043 mg/L 0.000795 mg/L 0.0000630 mg/L 0.0000150 mg/L 0.000150 mg/L 0.000150 mg/L 0.000137 mg/L 0.000137 mg/L 0.000137 mg/L 0.0001810 mg/L 0.0027827 mg/L 0.027827 mg/L 0.021140 mg/L 0.027827 mg/L 0.0003161 mg/L 0.0003161 mg/L 0.0003292 mg/L 0.0003292 mg/L 0.0036320 mg/L 0.0005439 mg/L 0.00014777 mg/L 0.0002756 mg/L	Mean Conc. 0.003071 0.003120 0.75347 0.003278 0.023707 0.044076 0.002540 0.72929 0.88985 0.002338 0.002391 0.002391 0.002324 0.029030 0.35291 0.37676 0.87890 0.002292 0.003381 0.002292 0.003381 0.002064 0.0020529 0.00469 0.002393	Sample Std.Dev. Units 0.0001376 mg/L 0.0001806 mg/L 0.001306 mg/L 0.0013043 mg/L 0.0009795 mg/L 0.0000630 mg/L 0.0001150 mg/L 0.0001150 mg/L 0.0002045 mg/L 0.0002045 mg/L 0.000137 mg/L 0.0001810 mg/L 0.0001810 mg/L 0.027827 mg/L 0.021140 mg/L 0.021140 mg/L 0.000359 mg/L 0.0003161 mg/L 0.0003161 mg/L 0.0003292 mg/L 0.00036320 mg/L 0.0005439 mg/L 0.0014777 mg/L 0.0002756 mg/L	R\$D 0.11% 4.48% 5.79% 4.92% 39.79% 4.13% 0.14% 4.53% 4.46% 5.84% 8.75% 0.57% 7.79% 3.10% 7.89% 5.61% 5.50% 4.19% 9.35% 8.45% 84.60% 9.18% 52.95% 2.65% 315.38% 11.52%

Method: TAL LIST Low Level

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Element Ag 338.289							Corr
Ag 338.289	Stds	Equation		Intercept	Slope	Curvature	Corr. Coeff.
		Linear-thru-	Zero	0.0	89495.3	0.00000	0.999997
Ag 328.068	5	Linear-thru-	Zero	0.0	137928.7 12586.1	0.00000	0.999999
AI 308.215		Linear-thru-	Zero	0.0	12586.1	C.00000	
As 188.979	4	Linear-thru-		0.0	072 7	0 00000	
B 249.677	3	Linear-thru-	Zero	0.0	41314.7	0.00000	
Ba 233.527	5	Linear-thru-	.vero	0.0	57194 4	0.00000	
Be 313.107	5	Linear-thru-		0.0 0.0	52184.4 1885996.7	0.00000	
Ca 430.253	3			0.0	A . A		
Ca 317.933	3	Linear-thru-		0.0	2421.7 89861.0	0.00000	
	3	Linear-thru-		0.0	89861.0	0.00000	
Cd 226.502	5	Linear-thru-		0.0	44990.0 22068.2	0.00000	0.999999
Co 228.616	5	Linear~thru-		0.0	22068.2	0.00000	0.9999999
Cr 267.716	5	Linear-thru-	Zero	0.0 0.0	60672.1	0.00000	1.000000
Cu 324.752	5	Linear-thru-	Zero	0.0	60672.1 215732.9	0.00000	0.999992
Fe 302.107	5 3 3	Linear-thru-	Zero	0.0	3177.0 47558.2	0.00000	0.999967
Fe 238.204	3	Linear-thru-	2ero	0.0	47558.2	0.00000	0.9999999
Mg 279.077	3	Linear-thru-		0.0	8656.2	0.00000	0.9999999
Mn 257.610		Linear-thru-		0.0	8656.2 434741.9	0.00000	0.999995
Mo 202.031		Linear-thru-		0.0	8494 9	0.00000	1.000000
Ni 231.604		Linear-thru-		0.0	8494.8 24313.8	0.00000	1.000000
					24313.0		0.999998
Pb 220.353		Linear-thru-		0.0	3971.3	0.00000 0.00000	
Sb 206.836		Linear-thru-		0.0	1/28.2	0.00000	0.999997
Se 196.026		Linear-thru-		0.0	1091.2 229901.3	0.00000	0.999996
Ti 336.121		Linear-thru-	Zero	0.0	229901.3	3.00000	0.999999
Tl 190.801		Linear-thru-:	Zero	0.0	1966.8	0.00000	0.999998
V 292.402	5	Linear-thru-2	Zero	0.0	125109.5	0.00000	0.999999
Zn 206.200	5	Linear-thru-2	Zero	0.0	29049.3	0.00000	1.000000
Sn 189.927	4	Linear-thru-2	Zero	0.0	4245.2	0.00000	1.000000
Results: 12220 Sample Info: 1 Method Descrip	tion: TAL LIS	ST	User: U	lser]		Method Stored: Date: 12/22/20	00 2:02:13
Method Descrip	tion: TAL LIS	ST	User: U	ser] ====== <b>########</b>		Date: 12/22/20	00 2:02:13
Method Descrip ====================================	tion: TAL LIS	ST  Seq	User: U	Seri Sample	• No.: 3	Date: 12/22/20	00 2:02:13
Method Descrip ====================================	1.0000 mL	ST SEQ Pre Dat	User: U I. No.: 14 P. Vol.: a: Origin	Iseri Sample 1.0	No.: 3	Date: 12/22/20	00 2:02:13 === <b></b> 1.0:
Method Descrip ====================================	1.0000 mL	ST Seq Pre Dat	User: U I. No.: 14 P. Vol.: a: Origin	Iseri Sample 1.0	No.: 3	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21	00 2:02:13
Method Descrip  Mean Data ID: FLUSH Sample Qty: 	1.0000 mL Mean Corr.	ST Seq Pre Dat Mean	User: U I. No.: 14 p. Vol.: a: Origin	Sample 1.0 Calib	No.: 3	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21	00 2:02:13
Method Descrip  Mean Data ID: FLUSH Sample Qty: 	1.0000 mL Mean Corr.	ST Seq Pre Dat Mean	User: U I. No.: 14 p. Vol.: a: Origin	Sample 1.0 Calib	No.: 3	Date: 12/22/20	00 2:02:13 0: 000 2:04:25 ple ts RSD
Method Descrip  Mean Data ID: FLUSH Sample Qty:  Element Y 360.073	1.0000 mL Mean Corr. Intensity 2257165.7	ST Seq Pre Dat Mean Conc. 4.9506	User: U I. No.: 14 p. Vol.: a: Origin Std.Dev. 0.02739	Sample Sample 1.0 al Calib Units mg/L	No.: 3 mL Mean Conc.	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/20 Samp Std.Dev. Unit	00 2:02:13 .0: 000 2:04:25 ple ts RSD 0.
Method Descrip  Mean Data ID: FLUSH Sample Qty:  Element Y 360.073 Ag 338.289	1.0000 mL Mean Corr. Intensity 2257165.7 106.2	ST Seq Pre Dat Mean Conc. 4,9506 0.001186	User: U I. No.: 14 p. Vol.: a: Origin Std.Dev. 0.01739 0.0001500	Sample I.0 al Calib Units mg/L mg/L	Mean Conc. 0.001186	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/20 Samm Std.Dev. Unit 0.0001500 mg/1	00 2:02:13 1.0: 000 2:04:25 ple ts RSD 0. L 12.
Method Descrip  Mean Data ID: FLUSH Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8	ST Seq Pre Dat Conc. 4.9506 0.001186 0.001289	User: U I. No.: 14 p. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001042	Sample I.0 al Calib Units mg/L mg/L mg/L	No.: 3 mL Mean Conc. 0.001186 0.001289	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21 Samp Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/1	00 2:02:13 1.0: 000 2:04:25 ple ts RSD 0. L 12. L 8.
Method Descrip  Mean Data ID: FLUSH Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4	ST SEQ Pre Dat Mean Conc. 4.9506 0.001186 0.001289 0.11524	User: U I. No.: 14 P. Vol.: a: Origin Std.Dev. 0.02739 0.0001500 0.00016456	Sample Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L	No.: 3 mL Mean Conc. 0.001186 0.001289 0.11524	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21 Sam Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/1 0.016456 mg/1	00 2:02:13 1.0: 000 2:04:29 ple ts RSD 0. L 122. L 12. L 14.
Method Descrip  ID: FLUSH Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9	ST SEQ Pre Dat Mean Conc. 4.9506 0.001186 0.001289 0.11524 0.003986	User: U I. No.: 14 ip. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001042 0.016456 0.0005847	Sample Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L	No.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21 Samp Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/2 0.0005847 mg/2	00 2:02:13 1.0: 000 2:04:29 ple ts RSD 0. L 12. L 8. L 14. L 14.
Method Descrip  Mean Data ID: FLUSH Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677	Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2	ST SE SE SE SE SE SE SE SE SE SE SE SE SE	User: U I. No.: 14 p. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001500 0.0001500 0.00016456 0.0005847 0.0008321	Sample Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L	No.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21 Samp Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/2 0.000847 mg/2 0.0008321 mg/1	00 2:02:13 1.0: 000 2:04:29 ple ts RSD 0. L 12. L 8. L 14. L 14. L 14. L 14. L 14. L 14.
Method Descrip  Mean Data ID: FLUSH Sample Qty:  Element Y 360.073 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6	ST Seq Pre Dat Mean Conc. 4.9506 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066	User: U I. No.: 14 p. Vol.: a: Origin Std.Dev. 0.02739 0.0001500 0.0001042 0.016456 0.0005847 0.0008321 0.0000195	Sample I.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	No.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21 Sam Std.Dev. Unit 0.0001500 mg/1 0.0005847 mg/2 0.0008321 mg/1 0.000195 mg/1	00 2:02:13 1.0: 000 2:04:25 000 2:04:25 000 2:04:25 0. 1.0: 0. 1.0: 0. 0. 1.0: 0. 0. 1.0: 0. 0. 1.0: 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method Descrip  Mean Data ID: FLUSH Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8	ST SEQ Pre Dat Mean Conc. 4.9506 0.00186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329	User: U I. No.: 14 p. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001042 0.016456 0.0005847 0.0008321 0.0000195 0.0000815	Sample I.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	No.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21 Samp Std.Dev. Unit 0.0001500 mg/1 0.0005847 mg/2 0.0008421 mg/1 0.0008321 mg/1 0.0000815 mg/1	00 2:02:13 1.0: 000 2:04:29 000 2:04:29 000 2:04:29 0. 1.0: 0. 1.0: 0. 0. 1.0: 0. 0. 1.0: 0. 0. 1.0: 0. 0. 0. 1.0: 0. 0. 0. 1.0: 0. 0. 0. 0. 1.0: 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method Descrip  Mean Data ID: FLUSH Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 245.677 Ba 233.527 Be 313.107 Ca 430.253	L.0000 mL 	ST Seq Pre Dat Mean Conc. 4.9506 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849	User: U I. No.: 14 p. Vol.: a: Origin Std.Dev. 0.02739 0.0001500 0.0001042 0.016456 0.000847 0.0008321 0.0000195 0.0000815 0.020880	Sample Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<pre>Mo.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849</pre>	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21 Samp Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/2 0.000847 mg/2 0.000847 mg/1 0.0000195 mg/1 0.0000815 mg/1 0.020880 mg/1	00 2:02:13 1.0: 000 2:04:25 000 2:04:25 ple ts RSD 0. L 12. L 8. L 14. L 14. L 14. L 14. L 14. L 15.
Method Descrip  Mean Data ID: FLUSH Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Ba 233.527 Ba 313.107 Ca 430.253 Ca 317.933	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8 335.4 13814.5	ST SE SE SE SE SE SE SE SE SE SE SE SE SE	User: U I. No.: 14 p. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001042 0.016456 0.0008321 0.0000815 0.0000815 0.020880 0.016551	Sample Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	No.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.13849 0.15373	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21 Samp Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/2 0.000847 mg/2 0.0008321 mg/1 0.0000815 mg/1 0.020880 mg/1 0.016551 mg/H	00 2:02:13 1.0: 000 2:04:25 000 2:04:25 ple ts RSD 0. L 12. L 8. L 14. L 14. L 14. L 14. L 14. L 14. L 15. L 15. L 10.
Method Descrip  Mean Data ID: FLUSH Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 Cd 226.502	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8 335.4 13814.5 58.4	ST SE SE SE SE SE SE SE SE SE SE SE SE SE	User: U I. No.: 14 ip. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001042 0.016456 0.0008321 0.0000195 0.000815 0.020880 0.016551 0.0000174	Sample Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	No.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21 Sam Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/1 0.0000847 mg/2 0.0008847 mg/2 0.0000815 mg/1 0.020880 mg/1 0.016551 mg/I 0.016551 mg/I 0.0000174 mg/I	00 2:02:13 1.0: 000 2:04:29 ple ts RSD 0. 1 12: 1 6. 1 14. 1 4. 1 4. 1 5. 1 12. 1 6. 1 15. 1 10. 1
Method Descrip  Mean Data ID: FLUSH Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Ba 249.677 Ba 233.527 Ba 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8 335.4 13814.5 58.4 29.1	ST ST SEQ Pre Dat Seq Pre Dat Conc. 4.9506 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001320	User: U I. No.: 14 ip. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001042 0.016456 0.0008321 0.0000195 0.0000195 0.0000815 0.020860 0.016551 0.0000174 0.0002931	Serl Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	No.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001320	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/20 Sam Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/2 0.0008321 mg/1 0.0000195 mg/1 0.0000815 mg/1 0.020880 mg/1 0.020880 mg/1 0.016551 mg/1 0.0000174 mg/1 0.0002931 mg/1	00 2:02:13 1.0: 000 2:04:25 000 2:04:25 0. 1.2: 0. 1.2: 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Method Descrip  Mean Data ID: FLUSH Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Ba 233.527 Ba 233.527 Ba 213.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8 335.4 13814.5 58.4 29.1 50.2	ST ST SE SE SE SE SE SE SE SE SE SE SE SE SE	User: U I. No.: 14 p. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001500 0.0001500 0.000185 0.0008321 0.0000195 0.0000815 0.0000174 0.0002931 0.0001947	Sample Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	No.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21 Sam Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/1 0.0000847 mg/2 0.0008847 mg/2 0.0000815 mg/1 0.020880 mg/1 0.016551 mg/I 0.016551 mg/I 0.0000174 mg/I	00 2:02:13 1.0: 1.0: 000 2:04:25 000 2:04:25 0. 1.2. 0. 1.0: 1.0: 0. 1.0: 1.
Method Descrip  Mean Data ID: FLUSH Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Ba 249.677 Ba 233.527 Ba 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8 335.4 13814.5 58.4 29.1	ST ST Seq Pre Dat Mean Conc. 4.9506 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001297 0.001320 0.001320 0.000827	User: U I. No.: 14 ip. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001042 0.016456 0.0008321 0.0000195 0.0000195 0.0000815 0.020860 0.016551 0.0000174 0.0002931	Sample Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	No.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001320	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/20 Sam Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/2 0.0008321 mg/1 0.0000195 mg/1 0.0000815 mg/1 0.020880 mg/1 0.020880 mg/1 0.016551 mg/1 0.0000174 mg/1 0.0002931 mg/1	00 2:02:13 1.0: 1.0: 000 2:04:25 000 2:04:25 0. 1.2. 0. 1.2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Method Descrip  Mean Data ID: FLUSH Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Ba 233.527 Ba 233.527 Ba 213.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8 335.4 13814.5 58.4 29.1 50.2	ST ST Seq Pre Dat Mean Conc. 4.9506 0.001186 0.001289 0.11524 0.003986 0.01289 0.11524 0.003986 0.014479 0.001329 0.13849 0.15373 0.001297 0.0013200 0.0013200 0.0013200 0.00132000000000000000000000000000000000	User: U I. No.: 14 p. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001042 0.016456 0.000847 0.000847 0.000815 0.0000195 0.0000195 0.00001947 0.0002931 0.0001947 0.0002277 0.0082539	Sample Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	No.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001320 0.001320 0.000827	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/20 Sam Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.000847 mg/2 0.0008321 mg/1 0.0000195 mg/1 0.020880 mg/1 0.016551 mg/I 0.016551 mg/I 0.000174 mg/I 0.0002931 mg/I 0.0001947 mg/1	00 2:02:13 1.0: 1.0: 000 2:04:29 000 2:04:29 00 L 12. L 8. L 14. L 15. L 14. L 14.
Method Descrip  Mean Data ID: FLUSH Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Ba 233.527 Ba 213.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8 335.4 13814.5 58.4 29.1 50.2 3098.3	ST ST Seq Pre Dat Mean Conc. 4.9506 0.001186 0.001289 0.11524 0.003986 0.01289 0.11524 0.003986 0.014479 0.001329 0.13849 0.15373 0.001297 0.0013200 0.0013200 0.0013200 0.00132000000000000000000000000000000000	User: U I. No.: 14 p. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001042 0.016456 0.000847 0.000847 0.000815 0.0000195 0.0000195 0.00001947 0.0002931 0.0001947 0.0002277 0.0082539	Sample Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001320 0.001320 0.001320 0.001320	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21 Samp Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/2 0.0008321 mg/1 0.0000195 mg/1 0.0000195 mg/1 0.020880 mg/1 0.016551 mg/1 0.0002931 mg/1 0.0002931 mg/1 0.0002931 mg/1 0.0002277 mg/1	00 2:02:13 1.0: 000 2:04:29 000 2:04:29 000 2:04:29 0. 1.0: 0. 1.12. 14. 14. 15. 10. 1. 10. 1. 14. 14. 14.
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Method Descrip 	1.0000 mL 1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8 335.4 13814.5 58.4 29.1 50.2 3098.3 185.1 2835.5 1329.7	ST SE Mean Conc. 4.9506 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001297 0.001320 0.001320 0.001297 0.001320 0.001320 0.001320 0.001297 0.001320 0.001320 0.001297 0.001320 0.001297 0.001320 0.001297 0.001320 0.001320 0.001297 0.001320 0.001300 0.001300 0.001300000000000000	User: U I. No.: 14 P. Vol.: a: Origin Std.Dev. 0.01739 0.001500 0.001500 0.0001042 0.016456 0.0008321 0.00001947 0.0002931 0.0001947 0.0002277 0.0082539 0.0067075 0.015497	Serl Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001329 0.13849 0.15373 0.001297 0.001320 0.000827 0.014362 0.059622 0.15362	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/20 Sam Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/2 0.000847 mg/2 0.000815 mg/1 0.0000195 mg/1 0.0000195 mg/1 0.0000174 mg/1 0.0002931 mg/1 0.0002931 mg/1 0.0002277 mg/1 0.0082539 mg/L 0.0067075 mg/1 0.015497 mg/1	00       2:02:13         1.0:       000         000       2:04:29         ple       0.         ts       RSD         0.L       12.         L       14.         L       15.         L       15.         L       10.         L       12.         L       14.         L       14.         L       14.         L       14.         L       14.         1       10.
Method Descrip 	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8 335.4 13814.5 58.4 29.1 50.2 3098.3 185.1 2835.5 1329.7 369.0	ST Mean Conc. 4.9506 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001320 0.0058271 0.0058271 0.005827 0.000582 0.0005827 0.000582 00	User: U I. No.: 14 I. No.: 1	Sample Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	No.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001320 0.000827 0.014362 0.059622 0.15362 0.000849	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/20 Samp Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/1 0.0005847 mg/2 0.0008321 mg/1 0.0000815 mg/1 0.0000815 mg/1 0.0000815 mg/1 0.00009174 mg/1 0.0002931 mg/1 0.0002931 mg/1 0.0002277 mg/L 0.0067075 mg/L 0.0067075 mg/L 0.015497 mg/L 0.015497 mg/L 0.000373 mg/L	00 2:02:13 1.0: 000 2:04:29 000 2:04:29 000 12:04:29 000 10:04:29 000 12:04:29 000 10:04:20 000 10:04:04:20 000 10:04:000000000000000
Method Descrip 	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8 335.4 13814.5 58.4 29.1 50.2 3098.3 185.1 2835.5 1329.7 369.0 17.5	ST Mean Conc. 4.9506 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.0058271 0.0059622 0.15362 0.000849 0.002057 0.0	User: U I. No.: 14 ip. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001042 0.016456 0.0008321 0.0000195 0.0000195 0.0000174 0.0002931 0.0001947 0.0002277 0.0002277 0.0002277 0.0002277 0.0002273 0.00015497 0.000373 0.0006363	Sample Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	No.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001320 0.000827 0.014362 0.058271 0.059622 0.15362 0.000849 0.002057	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/20 Samp Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/1 0.0008321 mg/1 0.0008321 mg/1 0.000815 mg/1 0.000815 mg/1 0.000815 mg/1 0.0002931 mg/1 0.0002931 mg/1 0.0002277 mg/1 0.0002277 mg/1 0.0002277 mg/1 0.0067075 mg/1 0.015497 mg/1 0.000373 mg/L 0.0006363 mg/L	00 2:02:13 1.0: 1.0: 000 2:04:25 000 2:04:25 0.1 12. 13. 14. 15. 10. 15. 10. 14. 12. 14. 12. 14. 12. 14. 12. 14. 12. 14. 12. 14. 15. 10. 10. 10. 10. 10. 10. 10. 10
Method Descrip 	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8 335.4 13814.5 58.4 29.1 50.2 3098.3 185.1 2835.5 1329.7 369.0 17.5 46.0	ST Mean Conc. 4.9506 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.0058271 0.0058271 0.059622 0.15362 0.000849 0.002057 0.001891 0.001891	User: U I. No.: 14 ip. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001042 0.016456 0.0008321 0.0000195 0.0000195 0.0000174 0.0002931 0.0001947 0.0002277 0.0002277 0.0002277 0.0002277 0.0002277 0.0002277 0.0002273 0.00015497 0.0006363 0.0002841	Serl Sample I.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	Mo.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001320 0.001320 0.000827 0.014362 0.058271 0.059622 0.15362 0.059622 0.15362 0.000849 0.002057 0.001891	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/20 Sam Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/1 0.0008321 mg/1 0.0008321 mg/1 0.0008321 mg/1 0.000815 mg/1 0.000815 mg/1 0.0002931 mg/1 0.0002931 mg/1 0.0002931 mg/1 0.0002277 mg/1 0.0002277 mg/1 0.006363 mg/L 0.0006363 mg/L 0.0002841 mg/L	00 2:02:13 1.0: 000 2:04:25 000 2:04:25 0. 1.0: 1.0: 0. 1.0: 0. 1.0:
Method Descrip 	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8 335.4 13614.5 58.4 29.1 50.2 3098.3 185.1 2835.5 1329.7 369.0 17.5 46.0 -9.2	ST Seq Pre Dat Seq Pre Dat Conc. 4.9506 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001297 0.001297 0.001297 0.001297 0.001297 0.001297 0.001297 0.001297 0.001297 0.0014362 0.058271 0.059622 0.15362 0.00849 0.002057 0.001891 0.002327 0.002327	User: U I. No.: 14 p. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001042 0.016456 0.0005847 0.0008321 0.000195 0.0000195 0.0000194 0.0002931 0.0002277 0.0002277 0.0002277 0.0002277 0.0002273 0.0004363 0.000373 0.0002841 0.0002384	Sample Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	Mo.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.13849 0.13849 0.13849 0.13849 0.15373 0.001297 0.001320 0.00827 0.014362 0.058271 0.058271 0.059622 0.15362 0.00849 0.002057 0.001891 -0.002327	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21 Samp Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/2 0.0008321 mg/1 0.0000195 mg/1 0.0000195 mg/1 0.0000195 mg/1 0.0000194 mg/1 0.0002931 mg/1 0.0002931 mg/1 0.0002277 mg/1 0.0002277 mg/1 0.0002389 mg/L 0.006363 mg/L 0.015497 mg/1 0.000373 mg/L 0.0002841 mg/L 0.0002384 mg/L	00 2:02:13 1.0: 00 2:04:25 00 2:04:25 0. 1.2: 0. 1.2: 0. 1.2: 0. 1.2: 1.0: 0. 1.0: 1.0: 0. 1.0: 1.0: 0. 1.0: 1.
Method Descrip 	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8 335.4 13814.5 58.4 29.1 50.2 3098.3 185.1 2835.5 1329.7 369.0 17.5 46.0 -9.2 8.9	ST ST Seq Pre Dat Mean Conc. 4.9506 0.001186 0.001289 0.11524 0.003986 0.014479 0.001297 0.001297 0.13849 0.15373 0.001297 0.001297 0.001297 0.001297 0.001297 0.001297 0.001297 0.001297 0.001297 0.001297 0.001297 0.001297 0.001297 0.001891 0.002827 0.001891 0.002827 0.001891 0.002327 0.005144 0.005144	User: U I. No.: 14 p. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001500 0.0001042 0.016456 0.0005847 0.0008321 0.00001945 0.00001945 0.00001947 0.0002931 0.0001947 0.0002277 0.0082539 0.0067075 0.015497 0.0002384 0.0002384 0.0002384 0.0002384	Sample Sample 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<pre>Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.014479 0.13849 0.13849 0.13849 0.1373 0.001297 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.005622 0.15362 0.0058271 0.059622 0.15362 0.002057 0.001891 -0.002327 0.005144</pre>	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21 Samp Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/2 0.0008321 mg/1 0.0000195 mg/1 0.0000195 mg/1 0.0000195 mg/1 0.0000194 mg/1 0.0002931 mg/1 0.0002277 mg/1 0.0002239 mg/L 0.000373 mg/L 0.0002384 mg/L 0.0002384 mg/L 0.0002384 mg/L 0.0002384 mg/L 0.0002384 mg/L 0.0002391 mg/L	00 2:02:13 1.0: 000 2:04:25 000 2:04:25 0. 1.0: 1.0: 0. 1.0:
Method Descrip 	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8 335.4 13614.5 58.4 29.1 50.2 3098.3 185.1 2835.5 1329.7 369.0 17.5 46.0 -9.2	ST ST Seq Pre Dat Mean Conc. 4.9506 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001320 0.000827 0.001320 0.000827 0.001320 0.000827 0.000	User: U I. No.: 14 p. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001042 0.016456 0.0005847 0.0008321 0.000195 0.0000195 0.0000194 0.0002931 0.0002277 0.0002277 0.0002277 0.0002277 0.0002273 0.0004363 0.000373 0.0002841 0.0002384	Sample Sample 1.0 al Calib Units mg/L	Mo.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.13849 0.13849 0.13849 0.13849 0.15373 0.001297 0.001320 0.00827 0.014362 0.058271 0.058271 0.059622 0.15362 0.00849 0.002057 0.001891 -0.002327	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/21 Samp Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/2 0.0008321 mg/1 0.0000195 mg/1 0.0000195 mg/1 0.0000195 mg/1 0.0000194 mg/1 0.0002931 mg/1 0.0002931 mg/1 0.0002277 mg/1 0.0002277 mg/1 0.0002389 mg/L 0.006363 mg/L 0.015497 mg/1 0.000373 mg/L 0.0002841 mg/L 0.0002384 mg/L	00 2:02:13 1.0: 00 2:04:29 00 2:04:29 00 2:04:29 0. 1.0: 0. 1.12. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Method Descrip 	1.0000 mL Mean Corr. Intensity 2257165.7 106.2 177.8 1450.4 3.9 598.2 55.6 2505.8 335.4 13814.5 58.4 29.1 50.2 3098.3 185.1 2835.5 1329.7 369.0 17.5 46.0	ST Mean Conc. 4.9506 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.13849 0.15373 0.001297 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.001320 0.0014362 0.058271 0.059622 0.15362 0.000849 0.002057 0.001891 0.001891	User: U I. No.: 14 ip. Vol.: a: Origin Std.Dev. 0.01739 0.0001500 0.0001042 0.016456 0.0008321 0.0000195 0.0000195 0.0000174 0.0002931 0.0001947 0.0002277 0.0002277 0.0002277 0.0002277 0.0002277 0.0002277 0.0002273 0.00015497 0.0006363 0.0002841	Serl Sample I.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	No.: 3 mL Mean Conc. 0.001186 0.001289 0.11524 0.003986 0.014479 0.001066 0.001329 0.13849 0.15373 0.001297 0.001320 0.000827 0.014362 0.058271 0.059622 0.15362 0.000849 0.002057	Date: 12/22/20 A/S Pos: 11 Dilution: Date: 12/22/20 Samp Std.Dev. Unit 0.0001500 mg/1 0.0001042 mg/2 0.016456 mg/1 0.0008321 mg/1 0.0008321 mg/1 0.000815 mg/1 0.000815 mg/1 0.000815 mg/1 0.0002931 mg/1 0.0002931 mg/1 0.0002277 mg/1 0.0002277 mg/1 0.0002277 mg/1 0.0067075 mg/1 0.015497 mg/1 0.000373 mg/L 0.0006363 mg/L	00 2:02:1 

sthod: TAL LIS	T Low Level		Paga 9		Date: 12/22/2000	
		0.000872	0.0000146 mg/L	0.000872	0.0000146 mg/L	1.68% 11.03% 905.47%
7 292.402	109.1 61.7	0.002123		0.002123	0.0002342 mg/L	11.03%
n 206.200 in 189.927	01.7	0.000085		0.000085	0.0007741 mg/L	905.47%
n 189.927	0.4					
lean Data			eq. No.: 15 Sampl	e No · 4	A/S Pos: 12	
D: MB122200 51		5		mT.	Dilution: 1	.0: 1.0
Sample Qty:	1.0000 mL	P	rep. vol.: 1.0		Date: 12/22/2000	2:09:26 PM
		D-	eq. No.: 15 Samps rep. Vol.: 1.0 ata: Original			
	Maan Corr	Mean	CALID	Mean	Sample Std.Dev. Units	RSD
Element	Intensity	Conc.	Std.Dev. Units 0.01944 mg/L	Conc.	Std.Dev. onica	0.39*
360.073	2268014.2	4.9744	0.01944 mg/L		0 0003395 mg/T	
Ag 338.289	107.1	0.001197	0.0003396 mg/L	0.001197	0.0003396 mg/L 0.0001542 mg/L	18.34%
Ag 328.068	115.9	0.000841	0.0001042 mg/D	0.000841	0.0029144  mg/L	2.99%
1 308.215	1225.5	0.097370	0.0029144 mg/L	0.097370	0.0011854 mg/L	38.45%
s 188.979	3.0	0.003083		0.003083	0.0004233 mg/L	3.98*
3 249.677	439.9	0.010647		0.01064/	0.0000522 mg/L	4.843
Ba 233.527	56.4	0.001080		0.001080		4.84% 0.70%
Element ( 360.073 Mg 338.289 Mg 328.068 Ml 308.215 Ms 188.979 8 249.677 8 249.677 8 233.527 8 213.107 	1797.9	0.000953		0.000953	0.0000066 mg/L	
a 430.253	291.0		0.001970 mg/L	0.12015	0.001970 mg/L 0.00367 mg/L 0.0000044 mg/L	1.64 2.38 0.56 14.23
a 317.933	13822 4		0.003667 mg/1	0.15382	0.0000044 mm/r	0.56:
d 226.502	35.5 17.2 62.4 5774.5	0.000789		0.000789	0.0000044  mg/s	14.234
Co 228.616	17.2	0.000781		0.000/81	0.000TTTT mg/D	3.41
Cr 267.716	62.4	0.001028		0.001028	0.0000351 mg/L	
	5774.5	0.026767	0.0011432 mg/L	0.026767	0.0011432 mg/L 0.0246555 mg/L	19.99
Fe 302.107	233.0		0.0146555 mg/L	0.073324	0.0146555 mg/L	2 394
e 238.204	233.0 3606.3	0.075830	0.0018145 mg/L	0.075830	0.0018145 mg/L	4.275 19.995 2.395 2.63: 3.40: 40:
fg 279.077	1246.9	0.14405	0.004074 mg/L	0.14405	0.004074 mg/L	3 40-
in 257.610	380.4	0.000875		0.000875	0.0000298 mg/L	9.23:
- 202 021	107	0.001490	0.0001375 mg/L	0.001490	0.0001375 mg/L	9.23: 133.40:
vi 231.604	12.7 3.1	0.000126	0.0001682 mg/L	0.000126	0.0001682 mg/L	9.52
Ph 220.353	-13.7	-0.003447	0.0003283 mg/L	-0.003447	0.0003283 mg/L	83.23
MG 202.031 Ni 231.604 Pb 220.353 Sb 206.836	1.7	0.000975	0.0008114 mg/L	0.000975	0.0008114 mg/L	262.230
Se 196.026	-2.1 126.4	-0.001939	0.0049027 mg/L			252.790 5.89
Ti 336.121	126.4	0.000550	0.0000324 mg/L	0.000550	0.0000324 mg/L	06 54
rl 190.801	-5.1	-0.002601	0.0025689 mg/L	-0.002601	0.0000324 mg/L 0.0025889 mg/L	99.54· 33.67·
v 292.402	-5.1 108.1	0.000864	0.0002908 mg/L			33.07
292.402 2n 206.200	75.4	0.002595	0.0001623 mg/L	0.002595	0.0001623 mg/L 0.0007901 mg/L	D.20%
Sn 189.927	9.4	0.002223	0.0001623 mg/L 0.0007901 mg/L	0.002223	0.0007901 mg/L	
Mean Data						
Mean Data		s	eq. No.: 16 Sampl	e No.: 5	A/S Pos: 13	
Mean Data ID: RF122200 S1 Sample Otv:		S P	eq. No.: 10 Sampi rep. Vol.: 1.0	e No.: 5 mL	A/S Pos: 13 Dilution: 1 Dilution: 1	0: 1.0 7.14.30 DM
ID: RF122200 S1 Sample Qty:	1.0000 mL	S P	eq. No.: 10 Sampi rep. Vol.: 1.0	.e No.: 5 ) mL	A/S Pos: 13 Dilution: I Date: 12/22/2000	0: 1.0 2:14:30 PM
ID: RF122200 S1 Sample Qty:	1.0000 mL	S P D	eq. No.: 10 Sampi rep. Vol.: 1.0 ata: Original	Mean	Sample	
ID: RF122200 S1 Sample Qty: 	1.0000 mL Mean Corr.	S P D Mean	eg. No.: 10 Sampi rep. Vol.: 1.0 ata: Original Calib			RSD
ID: RF122200 S1 Sample Qty: 	1.0000 mL Mean Corr. Intensity	S P D Mean Conc.	eq. No.: 10 Sampi rep. Vol.: 1.0 ata: Original	Mean Conc.	Sample Std.Dev. Units	RSD 0.41%
ID: RF122200 S1 Sample Qty:  Element Y 360.073	1.0000 mL Mean Corr. Intensity 2277020.8	S P D Mean Conc. 4.9941	eg. No.: 16 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units	Mean Conc. 0.98534	Sample Std.Dev. Units 0.002119 mg/L	RSD 0.41% 0.22*
ID: RF122200 S1 Sample Qty:  Element Y 360.073 Ag 338.289	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4	S P D Mean Conc.	eq. No.: 10 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L	Mean Conc. 0.98534 0.99527	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L	RSD 0.418 0.22 0.253
ID: RF122200 S1 Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9	S P D Mean Conc. 4.9941 0.98534 0.99527	eq. No.: 16 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L	Mean Conc. 0.98534	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L	RSD 0.41% 0.225 0.251 0.585
ID: RF122200 S1 Sample Qty:  Slement Y 360.073 Ag 338.289 Ag 328.068 Al 308.215	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3	S P D Conc. 4.9941 0.98534 0.99527 0.93335	eq. No.: 16 Samps rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.007635 mg/L	RSD 0.41% 0.225 0.251 0.58% 0.795
ID: RF122200 S1 Sample Qty: Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979	1.0000 mL Mean Corr. Intensity 277020.8 88183.4 137276.9 11747.3 937.5	S P D Mean Conc. 4.9941 0.98534 0.99527	eq. No.: 10 Samp rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.007635 mg/L 0.005740 mg/L	RSD 0.41% 0.22 0.25 0.58% 0.79 0.86%
ID: RF122200 S1 Sample Qty: Slement Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.96275	eq. No.: 16 Samps rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.007635 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.007635 mg/L 0.005740 mg/L 0.00518 mg/L	RSD 0.41% 0.22 0.25 0.58% 0.79% 0.86% 0.51%
ID: RF122200 S1 Sample Qty: Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.995275 0.67121 1.0162	eq. No.: 16 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.007635 mg/L 0.005740 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.007635 mg/L 0.005740 mg/L 0.00518 mg/L 0.001470 mg/L	RSD 0.41% 0.22 0.25 0.58% 0.79 0.86% 0.51% 0.15%
ID: RF122200 S1 Sample Qty: Slement Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.96275 0.96275 0.67121 1.0162 0.96082	eq. No.: 10 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.005740 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.005740 mg/L 0.00518 mg/L 0.001470 mg/L 0.007233 mg/L	RSD 0.41% 0.22 0.251 0.58% 0.79% 0.86% 0.51% 0.15% 0.85%
ID: RF122200 S1 Sample Qty: Slement Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 243.527 Ba 23.527 Ba 313.107 Ca 430.253	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.995275 0.67121 1.0162	eq. No.: 10 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.001470 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.005740 mg/L 0.00518 mg/L 0.001470 mg/L 0.007233 mg/L 0.00635 mg/L	RSD 0.41% 0.22; 0.25; 0.58% 0.79; 0.86% 0.51% 0.15% 0.15% 0.85% 0.60%
ID: RF122200 S1 Sample Qty: Clement Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Ba 233.527 Ba 313.107 Ca 430.253 Ca 317.933	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2 94902.1	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561	eq. No.: 16 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.001470 mg/L 0.007233 mg/L 0.00635 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.001470 mg/L 0.001233 mg/L 0.00635 mg/L 0.001948 mg/L	RSD 0.41% 0.22 0.25 0.58% 0.79% 0.86% 0.51% 0.15% 0.85% 0.60% 0.21%
ID: RF122200 S1 Sample Qty: Sample Qty: Selement 7 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 3 249.677 Ba 233.527 Ba 233.527 Ba 313.107 Ca 430.253 Ca 317.933 Cd 226.502	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2 94902.1 42619.8	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732	eq. No.: 16 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.00518 mg/L 0.001470 mg/L 0.007233 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005760 mg/L 0.005740 mg/L 0.00518 mg/L 0.001470 mg/L 0.00635 mg/L 0.001948 mg/L 0.001942 mg/L	RSD 0.41% 0.22 0.25 0.58% 0.79 0.86% 0.51% 0.15% 0.85% 0.60% 0.21% 0.20%
ID: RF122200 S1 Sample Qty: 	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2 94902.1 42619.8 21640.5	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062	eq. No.: 16 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.001470 mg/L 0.00635 mg/L 0.00635 mg/L 0.001948 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005760 mg/L 0.005740 mg/L 0.00518 mg/L 0.001470 mg/L 0.00635 mg/L 0.00635 mg/L 0.001948 mg/L 0.001942 mg/L 0.004109 mg/L	RSD 0.41% 0.22 0.25 0.58% 0.79 0.86% 0.51% 0.51% 0.85% 0.85% 0.60% 0.21% 0.20% 0.42%
ID: RF122200 S1 Sample Qty: Clement Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Ba 313.107 Ca 430.253 Ca 317.933 Cd 226.502 Co 228.616 Cr 267.716	1.0000 mL Mean Corr. Intensity 277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2 94902.1 42619.8 21640.5 59998.6	S P D Conc. 4.9941 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890	eq. No.: 16 Samps rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.005450 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.00518 mg/L 0.00518 mg/L 0.00635 mg/L 0.00635 mg/L 0.001948 mg/L 0.001942 mg/L 0.001942 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.001470 mg/L 0.001470 mg/L 0.001947 mg/L 0.001948 mg/L 0.001942 mg/L 0.001942 mg/L 0.003875 mg/L	RSD 0.41% 0.22 0.25 0.58% 0.79% 0.86% 0.51% 0.51% 0.15% 0.60% 0.21% 0.20% 0.42% 0.41%
ID: RF122200 S1 Sample Qty: Sample Qty: Slement Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Ba 313.107 Ca 430.253 Ca 226.502 Co 228.616 Cr 267.716 Cr 324.752	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2 94902.1 42619.8 21640.5 59998.6 202297.0	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93325 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772	eq. No.: 10 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.005740 mg/L 0.00518 mg/L 0.00518 mg/L 0.001470 mg/L 0.001948 mg/L 0.001948 mg/L 0.001942 mg/L 0.003875 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.001470 mg/L 0.001470 mg/L 0.001948 mg/L 0.001948 mg/L 0.001948 mg/L 0.003875 mg/L 0.00489 mg/L	RSD 0.41% 0.22 0.25 0.58% 0.795 0.86% 0.51% 0.51% 0.15% 0.60% 0.21% 0.20% 0.42% 0.41% 0.47%
ID: RF122200 S1 Sample Qty: Sample Qty: Sample Qty: Second States Sample Qty: Sample Q	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2 94902.1 42619.8 21640.5 59998.6 202297.0 3331.3	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486	eq. No.: 16 Samps rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.00518 mg/L 0.005035 mg/L 0.00635 mg/L 0.001948 mg/L 0.001942 mg/L 0.001942 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.00518 mg/L 0.001470 mg/L 0.001470 mg/L 0.001948 mg/L 0.001948 mg/L 0.001948 mg/L 0.003875 mg/L 0.00489 mg/L 0.00633 mg/L	RSD 0.41% 0.22 0.25 0.58% 0.79% 0.86% 0.51% 0.51% 0.15% 0.66% 0.21% 0.21% 0.42% 0.42% 0.41% 0.47% 0.58%
ID: RF122200 S1 Sample Qty: Sample Qty: Sa	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2 94902.1 42619.8 21640.5 59998.6 202297.0 3331.3 51479.6	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825	eq. No.: 10 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.005740 mg/L 0.00578 mg/L 0.00518 mg/L 0.001470 mg/L 0.001948 mg/L 0.001942 mg/L 0.003875 mg/L 0.00489 mg/L 0.00633 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.001470 mg/L 0.001470 mg/L 0.001948 mg/L 0.001948 mg/L 0.001948 mg/L 0.003875 mg/L 0.00489 mg/L	RSD 0.41% 0.22; 0.25; 0.58% 0.79; 0.86% 0.51% 0.15% 0.15% 0.85% 0.60% 0.21% 0.20% 0.42% 0.41% 0.47% 0.58% 0.01%
ID: RF122200 S1 Sample Qty: Sample Qty: Sa	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2 94902.1 42619.8 21640.5 59998.6 202297.0 3331.3 51479.6 8974.2	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825 1.0367	eq. No.: 10 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.005450 mg/L 0.005740 mg/L 0.005740 mg/L 0.005740 mg/L 0.00518 mg/L 0.00518 mg/L 0.00635 mg/L 0.001948 mg/L 0.001948 mg/L 0.003875 mg/L 0.00489 mg/L 0.00633 mg/L 0.00633 mg/L 0.00633 mg/L 0.00633 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.00518 mg/L 0.001470 mg/L 0.001470 mg/L 0.001948 mg/L 0.001948 mg/L 0.001948 mg/L 0.003875 mg/L 0.00489 mg/L 0.00633 mg/L	RSD 0.41% 0.22 0.25 0.58% 0.79% 0.86% 0.51% 0.51% 0.60% 0.21% 0.20% 0.42% 0.41% 0.47% 0.58% 0.01% 0.06%
ID: RF122200 S1 Sample Qty: Sample Qty: Sa	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2 94902.1 42619.8 21640.5 59998.6 202297.0 3331.3 51479.6 8974.2 440883.0	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825 1.0367 1.0141	eq. No.: 16 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.005740 mg/L 0.00518 mg/L 0.00518 mg/L 0.001470 mg/L 0.001948 mg/L 0.001948 mg/L 0.00375 mg/L 0.003875 mg/L 0.00489 mg/L 0.00633 mg/L 0.00633 mg/L 0.00063 mg/L 0.00063 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825 1.0367	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.001470 mg/L 0.001470 mg/L 0.001948 mg/L 0.001948 mg/L 0.001942 mg/L 0.004109 mg/L 0.00489 mg/L 0.00633 mg/L 0.00011 mg/L	RSD 0.41% 0.225 0.251 0.58% 0.795 0.86% 0.51% 0.51% 0.51% 0.60% 0.21% 0.20% 0.42% 0.42% 0.41% 0.47% 0.565 0.01% 0.06% 0.47%
ID: RF122200 S1 Sample Qty: Sample Qty: Sa	1.0000 mL Mean Corr. Intensity 2277020.8 8183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2 94902.1 42619.8 21640.5 59998.6 202297.0 3331.3 51479.6 8974.2 440883.0 8407.4	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825 1.0367 1.0141 0.98971	eq. No.: 16 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.00578 mg/L 0.00518 mg/L 0.00518 mg/L 0.001470 mg/L 0.001948 mg/L 0.001948 mg/L 0.001948 mg/L 0.00375 mg/L 0.003875 mg/L 0.00489 mg/L 0.00633 mg/L 0.00633 mg/L 0.00633 mg/L 0.00063 mg/L 0.00063 mg/L 0.00063 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825 1.0367 1.0141	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.00518 mg/L 0.001470 mg/L 0.001470 mg/L 0.001948 mg/L 0.001942 mg/L 0.003875 mg/L 0.00489 mg/L 0.00633 mg/L 0.00011 mg/L 0.00063 mg/L	RSD 0.41% 0.225 0.251 0.58% 0.795 0.86% 0.51% 0.51% 0.51% 0.60% 0.21% 0.20% 0.42% 0.42% 0.41% 0.47% 0.585 0.01% 0.01% 0.01% 0.01% 0.047 0.25%
ID: RF122200 S1 Sample Qty: Sample Qty: Sa	1.0000 mL Mean Corr. Intensity 2277020.8 8183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2 94902.1 42619.8 21640.5 59998.6 202297.0 3331.3 51479.6 8974.2 440883.0 8407.4 23908.9	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825 1.0367 1.0141 0.98971 0.98335	eq. No.: 16 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.00578 mg/L 0.00518 mg/L 0.00518 mg/L 0.001470 mg/L 0.001948 mg/L 0.001948 mg/L 0.003875 mg/L 0.003875 mg/L 0.00489 mg/L 0.00633 mg/L 0.00063 mg/L 0.00063 mg/L 0.00063 mg/L 0.00063 mg/L 0.00063 mg/L 0.00063 mg/L 0.00063 mg/L 0.00063 mg/L 0.00063 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825 1.0367 1.0141 0.98971 0.98335	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.005740 mg/L 0.001470 mg/L 0.001470 mg/L 0.001948 mg/L 0.001948 mg/L 0.001948 mg/L 0.001942 mg/L 0.003875 mg/L 0.004109 mg/L 0.00633 mg/L 0.00063 mg/L 0.00063 mg/L 0.00063 mg/L	RSD 0.41% 0.22 0.25 0.58% 0.79 0.86% 0.51% 0.55% 0.65% 0.21% 0.20% 0.42% 0.42% 0.42% 0.41% 0.47% 0.58 0.01% 0.01% 0.06% 0.47 0.25% 1.24%
ID: RF122200 S1 Sample Qty: Sample Qty: Sa	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2 94902.1 42619.8 21640.5 59998.6 202297.0 3331.3 51479.6 8974.2 440883.0 6407.4 23908.9 3766.1	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825 1.0367 1.0141 0.98971 0.98335 0.94833	eq. No.: 1c Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.005740 mg/L 0.00518 mg/L 0.00518 mg/L 0.00518 mg/L 0.001470 mg/L 0.001948 mg/L 0.001948 mg/L 0.001948 mg/L 0.00489 mg/L 0.00489 mg/L 0.00489 mg/L 0.00489 mg/L 0.00489 mg/L 0.00463 mg/L 0.00463 mg/L 0.00463 mg/L 0.004677 mg/L 0.002464 mg/L 0.002464 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98900 0.93772 1.0486 1.0825 1.0367 1.0141 0.98971 0.98335 0.94833	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005760 mg/L 0.00518 mg/L 0.001470 mg/L 0.001470 mg/L 0.001948 mg/L 0.001948 mg/L 0.001942 mg/L 0.003875 mg/L 0.004109 mg/L 0.00489 mg/L 0.00489 mg/L 0.00063 mg/L 0.00063 mg/L 0.00063 mg/L 0.00063 mg/L 0.004677 mg/L 0.002464 mg/L	RSD 0.41% 0.22 0.25 0.58% 0.79 0.86% 0.51% 0.51% 0.55% 0.65% 0.21% 0.21% 0.20% 0.42% 0.42% 0.41% 0.47% 0.58% 0.01% 0.05% 0.47 0.25% 1.24% 0.62%
ID: RF122200 S1 Sample Qty: Sample Qty: Sa	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2 94902.1 42619.8 21640.5 59998.6 202297.0 3331.3 51479.6 8974.2 440883.0 8407.4 23908.9 3766.1 1608.5	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825 1.0367 1.0141 0.98971 0.98335 0.94833 0.93075	eq. No.: 1c Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.005740 mg/L 0.00518 mg/L 0.00518 mg/L 0.00518 mg/L 0.00535 mg/L 0.001948 mg/L 0.001948 mg/L 0.001948 mg/L 0.00489 mg/L 0.00633 mg/L 0.00633 mg/L 0.00489 mg/L 0.00633 mg/L 0.00633 mg/L 0.00633 mg/L 0.00633 mg/L 0.00633 mg/L 0.00637 mg/L 0.002464 mg/L 0.002464 mg/L 0.011745 mg/L 0.005809 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825 1.0367 1.0141 0.98971 0.98335 0.94833 0.93075	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.00518 mg/L 0.001470 mg/L 0.001470 mg/L 0.001948 mg/L 0.001948 mg/L 0.001942 mg/L 0.004109 mg/L 0.00489 mg/L 0.00489 mg/L 0.00489 mg/L 0.000633 mg/L 0.00063 mg/L 0.004677 mg/L 0.002464 mg/L 0.002464 mg/L	RSD 0.41% 0.22 0.25 0.58% 0.79 0.86% 0.51% 0.55% 0.65% 0.21% 0.20% 0.42% 0.42% 0.42% 0.41% 0.47% 0.58 0.01% 0.01% 0.06% 0.47 0.25% 1.24%
ID: RF122200 S1 Sample Qty: Sample Qty: Sa	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2 94902.1 42619.8 21640.5 59998.6 202297.0 3331.3 51479.6 8974.2 440883.0 8407.4 23908.9 3766.1 1608.5 998.2	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825 1.0367 1.0141 0.98335 0.94833 0.93075 0.91475	eq. No.: 10 Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.005740 mg/L 0.00518 mg/L 0.00518 mg/L 0.00518 mg/L 0.001470 mg/L 0.001948 mg/L 0.001948 mg/L 0.001948 mg/L 0.004109 mg/L 0.00489 mg/L 0.000489 mg/L 0.000633 mg/L 0.000633 mg/L 0.000633 mg/L 0.00063 mg/L 0.00063 mg/L 0.00063 mg/L 0.002464 mg/L 0.002464 mg/L 0.005809 mg/L 0.005809 mg/L 0.004445 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825 1.0367 1.0141 0.98971 0.98335 0.94833 0.93075 0.91475	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005450 mg/L 0.00518 mg/L 0.00518 mg/L 0.001470 mg/L 0.001470 mg/L 0.00635 mg/L 0.001942 mg/L 0.001942 mg/L 0.004109 mg/L 0.00489 mg/L 0.00489 mg/L 0.00633 mg/L 0.00063 mg/L 0.00063 mg/L 0.00063 mg/L 0.002464 mg/L 0.002464 mg/L 0.011745 mg/L 0.005809 mg/L	RSD 0.41% 0.22 0.25 0.58% 0.79 0.86% 0.51% 0.51% 0.55% 0.65% 0.21% 0.21% 0.20% 0.42% 0.42% 0.41% 0.47% 0.58% 0.01% 0.05% 0.47 0.25% 1.24% 0.62%
ID: RF122200 S1 Sample Qty: Sample Qty: Sa	1.0000 mL Mean Corr. Intensity 2277020.8 88183.4 137276.9 11747.3 937.5 27730.7 53029.0 1812110.4 2053.2 94902.1 42619.8 21640.5 59998.6 202297.0 3331.3 51479.6 8974.2 440883.0 8407.4 23908.9 3766.1 1608.5	S P D Mean Conc. 4.9941 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825 1.0367 1.0141 0.98971 0.98335 0.94833 0.93075	eq. No.: 1c Sampi rep. Vol.: 1.0 ata: Original Calib Std.Dev. Units 0.02036 mg/L 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005740 mg/L 0.005740 mg/L 0.00518 mg/L 0.00518 mg/L 0.00518 mg/L 0.00535 mg/L 0.001948 mg/L 0.001948 mg/L 0.001948 mg/L 0.00489 mg/L 0.00633 mg/L 0.00633 mg/L 0.00489 mg/L 0.00633 mg/L 0.00633 mg/L 0.00633 mg/L 0.00633 mg/L 0.00633 mg/L 0.00637 mg/L 0.002464 mg/L 0.002464 mg/L 0.011745 mg/L 0.005809 mg/L	Mean Conc. 0.98534 0.99527 0.93335 0.96275 0.67121 1.0162 0.96082 0.84784 1.0561 0.94732 0.98062 0.98890 0.93772 1.0486 1.0825 1.0367 1.0141 0.98971 0.98335 0.94833 0.93075	Sample Std.Dev. Units 0.002119 mg/L 0.002444 mg/L 0.005450 mg/L 0.005450 mg/L 0.005740 mg/L 0.00518 mg/L 0.001470 mg/L 0.001470 mg/L 0.001948 mg/L 0.001942 mg/L 0.001942 mg/L 0.004109 mg/L 0.00489 mg/L 0.00489 mg/L 0.00633 mg/L 0.00063 mg/L 0.00063 mg/L 0.00063 mg/L 0.004677 mg/L 0.002464 mg/L 0.011745 mg/L 0.005809 mg/L 0.004445 mg/L	RSD 0.41% 0.22 0.25 0.58% 0.79 0.86% 0.51% 0.51% 0.55% 0.65% 0.21% 0.20% 0.42% 0.42% 0.41% 0.47% 0.58% 0.01% 0.05% 0.47 0.25% 1.24% 0.62% 0.49%

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	Mothod: TAL	LIST Low Level		Page 10		Date: 12/22/2000	2:28:04 PM
_	Zn 206.200 Sn 189.927	27788.6 -9.6	0.95660 -0.002271	0.002462 mg/L 0.0004064 mg/L	0.95660 -0.002271	0.002462 mg/L 0.0004064 mg/L	0.26%

Matrix Check Sample: RF122200 51

Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.0722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         No 202.031       580.9       0.081350       0.0007013 mg/L       9.0890       0.07836 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Pb 220.353       28768.9       7.2236       0.00328 mg/L       807.07       0.366 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       164.84       0.134 mg/kg       0.         T1 190.801       -74.9       0.010169       0.0001247 mg/L       1.1361       0.01394 mg/kg       1.		Expecte	ed Measu	red		Sample				
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Diution:         i.0:           Data:         Original         Data:         Original         Diution:         i.0:           Mean Corr.         Mean         Callb         Mean         Sample           P: Bement         Intensity         Conc.         Std.Dev.         Units         Conc.           Ag 338.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         14.           Ag 328.068         3442.6         0.024959         0.0002205 mg/L         2.7886         0.02464 mg/kg         0.           Al 308.215         587285.0         46.661         0.004598 mg/L         34.832         0.5249 mg/kg         1.           B 249.677         -3983.6         0.15449         0.001333 mg/L         213.3         11.57 mg/kg         0.           B 233.527         99519.2         1.9071         0.0143 mg/L         213.07         0.159 mg/kg         0.           Ca 330.253         27661018.9         307.76         2.130 mg/L         34385         238.0 mg/kg         0.           Ca 2430.502         10	Element	Conc.	. Con	ic. Sto	1.Dev.	Units	s Re	covery		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Date:         12/22/2000         2:20:10           Mean Corr.         Mean         Callb         Mean         Sample         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Units         RSD           Ag 328.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         14           Al 308.215         587285.0         46.661         0.01333 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           B429.677         -3983.6         0.15449         0.001333 mg/L         17.261         0.1489 mg/kg         0.           Ca 430.253         795100.6         328.35         1.065 mg/L         34385         238.0 mg/kg         0.           Ca 430.7933         27661018.9         307.76         2.130 mg/L         343	Ag 338.289	1.001	12 0.98	534	0.002	mg/L		98.414		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Date:         Original         Date:         12/22/2000 2:20:10           Mean Corr.         Mean         Callb         Mean         Sample           Element         Intensity         Conc.         Std.Dev. Units         Conc.         Std.Dev. Units         RD           Ag 338.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         16.           Ag 328.068         3442.6         0.024959         0.0002205 mg/L         2.78866         0.02464 mg/kg         0.           Al 308.215         587285.0         46.661         0.01333 mg/L         17.261         0.1489 mg/kg         0.           As 188.979         287.0         0.31176         0.004398 mg/L         34.832         0.5249 mg/kg         1.           B 293.527         99519.2         1.9071         0.01333 mg/L         213.3         11.89 mg/kg         0.           Ca 331.93         27661018.9         307.76         2.130 mg/L         34385         238.0 mg/kg         0.           Ca 3226.502         10496.	Ag 328.068	1.000	38 0.99	527	0.002	mg/L		99.443		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         1.0:           Data:         Original         Data:         Original         Data:         0:           Mean Corr.         Mean         Callb         Mean         Sample           Element         Intensity         Conc.         Std.Dev. Units         Conc.         Std.Dev. Units         RSD           Ag 338.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         16.           Ag 328.068         3442.6         0.024959         0.0002205 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           Ba 233.527         99519.2         1.9071         0.01333 mg/L         213.3         1.89 mg/kg         0.           Ca 331.93         27661018.9         307.76         2.130 mg/L         34385         238.0 mg/kg         0.           Ca 3317.933         27661018.9         307.76         2.130 mg/L         34385         2.36.0 mg/kg         0.           C	Al 308.215	1.097	74 0.93	335	0.005	mg/L		83.598		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         1.0:           Data:         Original         Data:         Original         Data:         0:           Mean Corr.         Mean         Callb         Mean         Sample           Element         Intensity         Conc.         Std.Dev. Units         Conc.         Std.Dev. Units         RSD           Ag 338.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         16.           Ag 328.068         3442.6         0.024959         0.0002205 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           Ba 233.527         99519.2         1.9071         0.01333 mg/L         213.3         1.89 mg/kg         0.           Ca 331.93         27661018.9         307.76         2.130 mg/L         34385         238.0 mg/kg         0.           Ca 3317.933         27661018.9         307.76         2.130 mg/L         34385         2.36.0 mg/kg         0.           C	As 188.979	1.003	31 0.96	275	0.008	mg/L		95.966		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Data:         0:           Mean Corr.         Mean         Callb         Mean         Sample           Element         Intensity         Conc.         Std.Dev. Units         Conc.         Std.Dev. Units         RSD           Ag 338.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         16.           Ag 328.068         3442.6         0.024959         0.0002205 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           Ba 233.527         99519.2         1.9071         0.01333 mg/L         213.3         1.89 mg/kg         0.           Ca 317.933         27661018.9         307.76         2.130 mg/L         34385         238.0 mg/kg         0.           Ca 326.502         10496.7         0.20626         0.0001306 mg/L         6.9139         0.03694 mg/kg         0.           <	B 249.677	1.010	6 0.67	121	0.006	mg/L		66.05é		
ID: WS75309       Seq. No.: 17       Sample No.: 6       A/S Pos: 14         Sample Qty:       0.5500 g       Prep. Vol.:       50.0 mL       Dilution:       i.0:         Data:       Original       Data:       Original       Dilution:       i.0:         Mean Corr.       Mean       Calib       Mean       Sample         Element       Intensity       Conc.       Std.Dev. Units       Conc.       Std.Dev. Units       RSD         Ag 338.289       990.5       0.001732       0.0002205 mg/L       0.19354       C.028547 mg/kg       16.         Ag 338.068       3442.6       0.024959       0.0002205 mg/L       218.33       11.57 mg/kg       0.         As 188.979       287.0       0.31176       0.004690 mg/L       34.832       0.5249 mg/kg       1.         Ba 233.527       99519.2       1.9011       0.01333 mg/L       17.261       0.1489 mg/kg       0.         Ca 331.07       12411.3       0.006581       0.0001303 mg/L       213.30       0.118 mg/kg       0.         Ca 331.93       27661018.9       307.76       2.130 mg/L       34385       238.0 mg/kg       0.         Ca 322.502       10496.7       0.20626       0.0001306 mg/L       6.5139       0.	Ba 233.527	1.001	11 1.0	162	0.005	mg/L	1	01.511		
ID: WS75309         Seq. No.: 17         Sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Diluton:         i.0:           Date:         Original         Date:         12/22/2000 2:20:10           Mean Corr.         Mean         Calib         Mean         Sample           10: mean         Conc.         Std.Dev. Units         Conc.         Std.Dev. Units         RSD           238.068         3442.6         0.002555 mg/L         0.19354         0.02464 mg/kg         0.           Ag 328.068         3442.6         0.024959         0.0002555 mg/L         2.7886         0.02464 mg/kg         0.           Al 308.215         587285.0         46.661         0.1036 mg/L         5213.3         11.57 mg/kg         0.           As 188.979         287.0         0.31176         0.000235 mg/L         12.10.7         0.198 mg/kg         0.          As 233.527         99519.2         1.9071         0.0133 mg/L         17.261         0.1489 mg/kg         0.           Ca 430.253         795100.6         328.35         1.65 mg/L         36685         118.9 mg/kg         0.           Ca 430.251         16496.7         0.20626         0.000100 mg/L	Be 313.107	1.001	0 0.96	082	0.001	mg/L		95,987		
ID: WS75309       Seq. No.: 17       Sample No.: 6       A/S Pos: 14         Sample Qty:       0.5500 g       Prep. Vol.:       50.0 mL       Dilution:       i.0:         Data:       Original       Data:       Original       Dilution:       i.0:         Mean Corr.       Mean       Calib       Mean       Sample         Element       Intensity       Conc.       Std.Dev. Units       Conc.       Std.Dev. Units       RSD         Ag 338.289       990.5       0.001732       0.0002205 mg/L       0.19354       C.028547 mg/kg       16.         Ag 338.068       3442.6       0.024959       0.0002205 mg/L       218.33       11.57 mg/kg       0.         As 188.979       287.0       0.31176       0.004690 mg/L       34.832       0.5249 mg/kg       1.         Ba 233.527       99519.2       1.9011       0.01333 mg/L       17.261       0.1489 mg/kg       0.         Ca 331.07       12411.3       0.006581       0.0001303 mg/L       213.30       0.118 mg/kg       0.         Ca 331.93       27661018.9       307.76       2.130 mg/L       34385       238.0 mg/kg       0.         Ca 322.502       10496.7       0.20626       0.0001306 mg/L       6.5139       0.	Ca 430.253	1.120	0.84	784	0.007	mg/L		72.769		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Data:         0:           Mean Corr.         Mean         Callb         Mean         Sample           Element         Intensity         Conc.         Std.Dev. Units         Conc.         Std.Dev. Units         RSD           Ag 338.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         16.           Ag 328.068         3442.6         0.024959         0.0002205 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           Ba 233.527         99519.2         1.9071         0.01333 mg/L         213.3         1.89 mg/kg         0.           Ca 317.933         27661018.9         307.76         2.130 mg/L         34385         238.0 mg/kg         0.           Ca 326.502         10496.7         0.20626         0.0001306 mg/L         6.9139         0.03694 mg/kg         0.           <	Ca 317.933	1.153	18 1.0	561	0.006	mg/L		90.228		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Data:         0:           Mean Corr.         Mean         Callb         Mean         Sample           Element         Intensity         Conc.         Std.Dev. Units         Conc.         Std.Dev. Units         RSD           Ag 338.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         16.           Ag 328.068         3442.6         0.024959         0.0002205 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           Ba 233.527         99519.2         1.9071         0.01333 mg/L         213.3         1.89 mg/kg         0.           Ca 317.933         27661018.9         307.76         2.130 mg/L         34385         238.0 mg/kg         0.           Ca 326.502         10496.7         0.20626         0.0001306 mg/L         6.9139         0.03694 mg/kg         0.           <	Cd 226,502	1.000	8 0.94	732	0.002	met / T.		94.653		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Date:         Original         Date:         12/22/2000 2:20:10           Mean Corr.         Mean         Callb         Mean         Sample           Element         Intensity         Conc.         Std.Dev. Units         Conc.         Std.Dev. Units         RD           Ag 338.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         16.           Ag 328.068         3442.6         0.024959         0.0002205 mg/L         2.78866         0.02464 mg/kg         0.           Al 308.215         587285.0         46.661         0.01333 mg/L         17.261         0.1489 mg/kg         0.           As 188.979         287.0         0.31176         0.004398 mg/L         34.832         0.5249 mg/kg         1.           B 293.527         99519.2         1.9071         0.01333 mg/L         213.3         11.89 mg/kg         0.           Ca 331.93         27661018.9         307.76         2.130 mg/L         34385         238.0 mg/kg         0.           Ca 3226.502         10496.	Co 228.616	1.000	8 0.98	0.62	0.002	mg/L		97 984		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Date:         12/22/2000         2:20:10           Mean Corr.         Mean         Callb         Mean         Sample         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Units         RSD           Ag 328.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         14           Al 308.215         587285.0         46.661         0.01333 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           B429.677         -3983.6         0.15449         0.001333 mg/L         17.261         0.1489 mg/kg         0.           Ca 430.253         795100.6         328.35         1.065 mg/L         34385         238.0 mg/kg         0.           Ca 430.7933         27661018.9         307.76         2.130 mg/L         343	Cr 267.716	1 001	0 0.98	890	0 004	mg/L		98 787		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Date:         12/22/2000         2:20:10           Mean Corr.         Mean         Callb         Mean         Sample         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Units         RSD           Ag 328.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         14           Al 308.215         587285.0         46.661         0.01333 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           B429.677         -3983.6         0.15449         0.001333 mg/L         17.261         0.1489 mg/kg         0.           Ca 430.253         795100.6         328.35         1.065 mg/L         34385         238.0 mg/kg         0.           Ca 430.7933         27661018.9         307.76         2.130 mg/L         343	Cu 324.752	1 026	8 0.93	777	0 004	π. τ. / L		91 095		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Date:         12/22/2000         2:20:10           Mean Corr.         Mean         Callb         Mean         Sample         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Units         RSD           Ag 328.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         14           Al 308.215         587285.0         46.661         0.01333 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           B429.677         -3983.6         0.15449         0.001333 mg/L         17.261         0.1489 mg/kg         0.           Ca 430.253         795100.6         328.35         1.065 mg/L         34385         238.0 mg/kg         0.           Ca 430.7933         27661018.9         307.76         2.130 mg/L         343	Fe 302 107	1 073	3 1.0.	496	0 005	mg/L		97 524		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Date:         12/22/2000         2:20:10           Mean Corr.         Mean         Callb         Mean         Sample         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Units         RSD           Ag 328.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         14           Al 308.215         587285.0         46.661         0.01333 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           B429.677         -3983.6         0.15449         0.001333 mg/L         17.261         0.1489 mg/kg         0.           Ca 430.253         795100.6         328.35         1.065 mg/L         34385         238.0 mg/kg         0.           Ca 430.7933         27661018.9         307.76         2.130 mg/L         343	Fe 238 204	1.075	9 1.0	200	0.005	mg/L		00 662		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Date:         12/22/2000         2:20:10           Mean Corr.         Mean         Callb         Mean         Sample         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Units         RSD           Ag 328.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         14           Al 308.215         587285.0         46.661         0.01333 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           B429.677         -3983.6         0.15449         0.001333 mg/L         17.261         0.1489 mg/kg         0.           Ca 430.253         795100.6         328.35         1.065 mg/L         34385         238.0 mg/kg         0.           Ca 430.7933         27661018.9         307.76         2.130 mg/L         343	Ma 279 077	1.075	0 1.00	323	0.000	mg/L	I.			
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Date:         Original         Date:         12/22/2000 2:20:10           Mean Corr.         Mean         Callb         Mean         Sample           Element         Intensity         Conc.         Std.Dev. Units         Conc.         Std.Dev. Units         RD           Ag 338.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         16.           Ag 328.068         3442.6         0.024959         0.0002205 mg/L         2.78866         0.02464 mg/kg         0.           Al 308.215         587285.0         46.661         0.01333 mg/L         17.261         0.1489 mg/kg         0.           As 188.979         287.0         0.31176         0.004398 mg/L         34.832         0.5249 mg/kg         1.           B 293.527         99519.2         1.9071         0.01333 mg/L         213.3         11.89 mg/kg         0.           Ca 331.93         27661018.9         307.76         2.130 mg/L         34385         238.0 mg/kg         0.           Ca 3226.502         10496.	Mg 279.077	1.144	0 1.0.	367	0.000	mg/L	2	19.209		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Date:         12/22/2000         2:20:10           Mean Corr.         Mean         Callb         Mean         Sample         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Units         RSD           Ag 328.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         14           Al 308.215         587285.0         46.661         0.01333 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           B429.677         -3983.6         0.15449         0.001333 mg/L         17.261         0.1489 mg/kg         0.           Ca 430.253         795100.6         328.35         1.065 mg/L         34385         238.0 mg/kg         0.           Ca 430.7933         27661018.9         307.76         2.130 mg/L         343	Mn 257.610	1.000	9 1.0.	141	0.001	mg/L	10	325		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Date:         Original         Date:         12/22/2000 2:20:10           Mean Corr.         Mean         Callb         Mean         Sample           Element         Intensity         Conc.         Std.Dev. Units         Conc.         Std.Dev. Units         RD           Ag 338.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         16.           Ag 328.068         3442.6         0.024959         0.0002205 mg/L         2.78866         0.02464 mg/kg         0.           Al 308.215         587285.0         46.661         0.01333 mg/L         17.261         0.1489 mg/kg         0.           As 188.979         287.0         0.31176         0.004398 mg/L         34.832         0.5249 mg/kg         1.           B 293.527         99519.2         1.9071         0.01333 mg/L         213.3         11.89 mg/kg         0.           Ca 331.93         27661018.9         307.76         2.130 mg/L         34385         238.0 mg/kg         0.           Ca 3226.502         10496.	MO 202.031	1.001	5 0.989	971	0.005	mg/L	9	38.822		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Date:         12/22/2000         2:20:10           Mean Corr.         Mean         Callb         Mean         Sample         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Units         RSD           Ag 328.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         14           Al 308.215         587285.0         46.661         0.01333 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           B429.677         -3983.6         0.15449         0.001333 mg/L         17.261         0.1489 mg/kg         0.           Ca 430.253         795100.6         328.35         1.065 mg/L         34385         238.0 mg/kg         0.           Ca 430.7933         27661018.9         307.76         2.130 mg/L         343	N1 231.604	1.000	1 0.983	335	0.002	mg/L		38.322		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Date:         Original         Date:         12/22/2000 2:20:10           Mean Corr.         Mean         Callb         Mean         Sample           Element         Intensity         Conc.         Std.Dev. Units         Conc.         Std.Dev. Units         RD           Ag 338.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         16.           Ag 328.068         3442.6         0.024959         0.0002205 mg/L         2.78866         0.02464 mg/kg         0.           Al 308.215         587285.0         46.661         0.01333 mg/L         17.261         0.1489 mg/kg         0.           As 188.979         287.0         0.31176         0.004398 mg/L         34.832         0.5249 mg/kg         1.           B 293.527         99519.2         1.9071         0.01333 mg/L         213.3         11.89 mg/kg         0.           Ca 331.93         27661018.9         307.76         2.130 mg/L         34385         238.0 mg/kg         0.           Ca 3226.502         10496.	Pb 220.353	0.9965	5 0.948	333	0.012	mg/L	9	95.178		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Date:         Original         Date:         12/22/2000 2:20:10           Mean Corr.         Mean         Callb         Mean         Sample           Element         Intensity         Conc.         Std.Dev. Units         Conc.         Std.Dev. Units         RD           Ag 338.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         16.           Ag 328.068         3442.6         0.024959         0.0002205 mg/L         2.78866         0.02464 mg/kg         0.           Al 308.215         587285.0         46.661         0.01333 mg/L         17.261         0.1489 mg/kg         0.           As 188.979         287.0         0.31176         0.004398 mg/L         34.832         0.5249 mg/kg         1.           B 293.527         99519.2         1.9071         0.01333 mg/L         213.3         11.89 mg/kg         0.           Ca 331.93         27661018.9         307.76         2.130 mg/L         34385         238.0 mg/kg         0.           Ca 3226.502         10496.	Sb 206.836	1,0010	0 0.930	275	0.006	mg/L	ç	92.978		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Date:         Original         Date:         12/22/2000 2:20:10           Mean Corr.         Mean         Callb         Mean         Sample           Element         Intensity         Conc.         Std.Dev. Units         Conc.         Std.Dev. Units         RD           Ag 338.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         16.           Ag 328.068         3442.6         0.024959         0.0002205 mg/L         2.78866         0.02464 mg/kg         0.           Al 308.215         587285.0         46.661         0.01333 mg/L         17.261         0.1489 mg/kg         0.           As 188.979         287.0         0.31176         0.004398 mg/L         34.832         0.5249 mg/kg         1.           B 293.527         99519.2         1.9071         0.01333 mg/L         213.3         11.89 mg/kg         0.           Ca 331.93         27661018.9         307.76         2.130 mg/L         34385         238.0 mg/kg         0.           Ca 3226.502         10496.	Se 196.026	0.9980/	6 0.914	175	0.004	mg/L	9	1.669		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Date:         12/22/2000         2:20:10           Mean Corr.         Mean         Callb         Mean         Sample         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Units         RSD           Ag 328.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         14           Al 308.215         587285.0         46.661         0.01333 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           B429.677         -3983.6         0.15449         0.001333 mg/L         17.261         0.1489 mg/kg         0.           Ca 430.253         795100.6         328.35         1.065 mg/L         34385         238.0 mg/kg         0.           Ca 430.7933         27661018.9         307.76         2.130 mg/L         343	Ti 336.121	1.0003	5 0.992	268	0.004	mg/L	9	9.213		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Date:         12/22/2000         2:20:10           Mean Corr.         Mean         Callb         Mean         Sample         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Units         RSD           Ag 328.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         14           Al 308.215         587285.0         46.661         0.01333 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           B429.677         -3983.6         0.15449         0.001333 mg/L         17.261         0.1489 mg/kg         0.           Ca 430.253         795100.6         328.35         1.065 mg/L         34385         238.0 mg/kg         0.           Ca 430.7933         27661018.9         307.76         2.130 mg/L         343	Tl 190.801	0.99740	0 0.955	03	0.004	mg/L	9	5.763		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Dilution:         i.0:           Mean Corr.         Mean         Callb         Mean         Sample           P: Bement         Intensity         Conc.         Std.Dev.         Units         Conc.           Ag 338.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         16.           Ag 328.068         3442.6         0.024959         0.0002205 mg/L         2.7886         0.02464 mg/kg         0.           Al 308.215         587285.0         46.661         0.004598 mg/L         34.832         0.5249 mg/kg         1.           B 243.527         99519.2         1.9071         0.01333 mg/L         17.261         0.189 mg/kg         0.           Ca 330.2537         99519.2         1.9071         0.0133 mg/L         213.3         11.97 mg/kg         0.           Ca 331.07         12411.3         0.006264         0.000130 mg/L         23.30.65         0.1819 mg/kg         0.           Ca 430.253	V 292.402	1.0009	9 0.983	130	0.005	mg/L	9	8.244		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Date:         12/22/2000         2:20:10           Mean Corr.         Mean         Callb         Mean         Sample         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Units         RSD           Ag 328.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         14           Al 308.215         587285.0         46.661         0.01333 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           B429.677         -3983.6         0.15449         0.001333 mg/L         17.261         0.1489 mg/kg         0.           Ca 430.253         795100.6         328.35         1.065 mg/L         34385         238.0 mg/kg         0.           Ca 430.7933         27661018.9         307.76         2.130 mg/L         343	Zn 206.200	1.0026	6 0.956	i60 I	0.002	mg/L	9	5.401		
ID: WS75309         Seq. No.: 17         sample No.: 6         A/S Pos: 14           Sample Qty:         0.5500 g         Prep. Vol.:         50.0 mL         Dilution:         i.0:           Data:         Original         Data:         Original         Date:         12/22/2000         2:20:10           Mean Corr.         Mean         Callb         Mean         Sample         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Units         RSD           Ag 328.289         990.5         0.001732         0.0002205 mg/L         0.19354         C.028547 mg/kg         14           Al 308.215         587285.0         46.661         0.01333 mg/L         2.78866         0.02464 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         1.           B429.677         -3983.6         0.15449         0.001333 mg/L         17.261         0.1489 mg/kg         0.           Ca 430.253         795100.6         328.35         1.065 mg/L         34385         238.0 mg/kg         0.           Ca 430.7933         27661018.9         307.76         2.130 mg/L         343	Mann Dana									
Mean         Corr.         Mean         Calib         Mean         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Wints         RSD           Y 360.073         2183814.4         4.7897         0.00747         mg/L         Conc.         Std.Dev.         Units         RSD           Ag 328.289         990.5         0.001732         0.0002205 mg/L         2.7886         0.02464 mg/kg         0.           Al 308.215         587285.0         46.661         0.1036 mg/L         5213.3         11.57 mg/kg         0.           As 188.979         287.0         0.31176         0.004698 mg/L         34.832         0.5249 mg/kg         0.           Ba 233.527         99519.2         1.9071         0.00133 mg/L         17.261         0.1489 mg/kg         0.           Ca 330.253         795100.6         328.35         1.065 mg/L         36685         118.9 mg/kg         0.           Ca 3317.933         27661018.9         307.76         2.130 mg/L         34385         238.0 mg/kg         0.           Ca 226.502         10496.7         0.20626         0.000306 mg/L         23.045         0.0111 mg/kg         0.	th. websing			No 1				λ/6 Doct )		
Mean         Corr.         Mean         Calib         Mean         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Wints         RSD           Ag 328.289         990.5         0.001732         0.0002255         mg/L         0.19354         C.028547         mg/kg         0.           Ag 328.068         3442.6         0.024959         0.0002205         mg/L         2.7886         0.02464 mg/kg         0.           Al 308.215         587285.0         46.661         0.1036         mg/L         5213.3         11.57         mg/kg         0.           As 188.979         287.0         0.31176         0.004698         mg/L         34.832         0.5249         mg/kg         0.           Ba 233.527         99519.2         1.9071         0.001541         mg/L         0.73525         0.017220         mg/kg         0.           Ca 330.253         795100.6         328.35         1.065         mg/L         34385         238.0         mg/kg         0.           Ca 226.502         10496.7         0.20626         0.000100         mg/L         23.045         0.0111         mg/kg         0.	Samala Otar	0 5500 -	36	q. NO. I	· ·	sampie wo	J.: C	R/S POST 1	4	: 0.
Mean         Corr.         Mean         Calib         Mean         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Wints         RSD           Ag 328.289         990.5         0.001732         0.0002255         mg/L         0.19354         C.028547         mg/kg         0.           Ag 328.068         3442.6         0.024959         0.0002205         mg/L         2.7886         0.02464 mg/kg         0.           Al 308.215         587285.0         46.661         0.1036         mg/L         5213.3         11.57         mg/kg         0.           As 188.979         287.0         0.31176         0.004698         mg/L         34.832         0.5249         mg/kg         0.           Ba 233.527         99519.2         1.9071         0.001541         mg/L         0.73525         0.017220         mg/kg         0.           Ca 330.253         795100.6         328.35         1.065         mg/L         34385         238.0         mg/kg         0.           Ca 226.502         10496.7         0.20626         0.000100         mg/L         23.045         0.0111         mg/kg         0.	Sample Arl.	0.3300 g	F1	ep. 001	1	2010 10		Diracion.	ວ (ລະດີດດີ	2.20.16
Mean         Corr.         Mean         Calib         Mean         Sample           Element         Intensity         Conc.         Std.Dev.         Units         Conc.         Std.Dev.         Wints         RSD           Y 360.073         2183814.4         4.7897         0.00747         mg/L         Conc.         Std.Dev.         Units         RSD           Ag 328.289         990.5         0.001732         0.0002205 mg/L         2.7886         0.02464 mg/kg         0.           Al 308.215         587285.0         46.661         0.1036 mg/L         5213.3         11.57 mg/kg         0.           As 188.979         287.0         0.31176         0.0044698 mg/L         34.832         0.5249 mg/kg         0.           Ba 233.527         99519.2         1.9071         0.00133 mg/L         17.261         0.1489 mg/kg         0.           Ca 330.253         795100.6         328.35         1.065 mg/L         36685         118.9 mg/kg         0.           Ca 337.933         27661018.9         307.76         2.130 mg/L         34385         238.0 mg/kg         0.           Ca 226.502         10496.7         0.20626         0.000306 mg/L         63.39         0.03634 mg/kg         0.					141					
Cu 324.752       285984.0       1.3352       0.00779 mg/L       149.18       0.870 mg/kg       0.         Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.0722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       1.64.84       0.134 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.627       0.0484 mg/kg       0.         Ti 206.200       408535.4       14.064       0.0151 mg/L       1571.3       1.69 mg/kg		Mean Corr.	Mean		Cali	5	Mean		Sample	
Cu 324.752       285984.0       1.3352       0.00779 mg/L       149.18       0.870 mg/kg       0.         Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.0722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       1.64.84       0.134 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.627       0.0484 mg/kg       0.         Ti 206.200       408535.4       14.064       0.0151 mg/L       1571.3       1.69 mg/kg	Element	Intensity	Conc.	Std.Dev.	. Unit:	5	Conc.	Std.Dev.	Units	RSD
Cu 324.752       285984.0       1.3352       0.00779 mg/L       149.18       0.870 mg/kg       0.         Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.0722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       1.64.84       0.134 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.627       0.0484 mg/kg       0.         Ti 206.200       408535.4       14.064       0.0151 mg/L       1571.3       1.69 mg/kg	Y 360.073	2183814.4	4.7897	0.00747	mg/L					Q.,
Cu 324.752       285984.0       1.3352       0.00779 mg/L       149.18       0.870 mg/kg       0.         Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.00722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       1.64.84       0.134 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.1361       0.01394 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.64.84       0.134 mg/kg	Ag 338.289	990.5	0.001732	0.0002555	i mg/L		0.19354	0.028547 1	ma/ka	14.
Cu 324.752       285984.0       1.3352       0.00779 mg/L       149.18       0.870 mg/kg       0.         Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.00722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       1.64.84       0.134 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.1361       0.01394 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.64.84       0.134 mg/kg	Ag 328.068	3442.6	0.024959	0.0002205	ma/T		2.7886	0.02464	ma/ka	0.8
Cu 324.752       285984.0       1.3352       0.00779 mg/L       149.18       0.870 mg/kg       0.         Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.00722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       1.64.84       0.134 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.1361       0.01394 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.64.84       0.134 mg/kg	A1 308.215	587285.0	46.661	0.1036	i ma/I.		5213 3	11.57	ma/ka	0
Cu 324.752       285984.0       1.3352       0.00779 mg/L       149.18       0.870 mg/kg       0.         Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.0722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       1.64.84       0.134 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.627       0.0484 mg/kg       0.         Ti 206.200       408535.4       14.064       0.0151 mg/L       1571.3       1.69 mg/kg	As 188 979	287 0	0 31176	0.004698	mg/L		34 632	0 5249	mg/kg	1 4
Cu 324.752       285984.0       1.3352       0.00779 mg/L       149.18       0.870 mg/kg       0.         Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.0722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       1.64.84       0.134 mg/kg       0.         Ti 190.601       -74.9       0.010169       0.001247 mg/L       1.1361       0.01394 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.64.84       0.134 mg/kg	B 249 677	-3983 6	0 15449	0 001333	t mg/L		17 261	0.1499	mg/kg	n i
Cu 324.752       285984.0       1.3352       0.00779 mg/L       149.18       0.870 mg/kg       0.         Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.00722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       1.64.84       0.134 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.1361       0.01394 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.64.84       0.134 mg/kg	D 239.077	-5505.0	1 0071	0.001333	tud / T		112 07	0 160 -	mg/kg	0.1
Cu 324.752       285984.0       1.3352       0.00779 mg/L       149.18       0.870 mg/kg       0.         Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.0722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       1.64.84       0.134 mg/kg       0.         Ti 190.601       -74.9       0.010169       0.001247 mg/L       1.1361       0.01394 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.64.84       0.134 mg/kg	Da 233.327	33313.2	0.006591	0.00143	mg/L		213.07	0.1330	mg/xg	0.0
Cu 324.752       285984.0       1.3352       0.00779 mg/L       149.18       0.870 mg/kg       0.         Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.0722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       1.64.84       0.134 mg/kg       0.         Ti 190.601       -74.9       0.010169       0.001247 mg/L       1.1361       0.01394 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.64.84       0.134 mg/kg	Be 313.107	12911.3	0.000301	0.0001341	. mg/1		0.73323	0.017220 3	mg/kg	2
Cu 324.752       285984.0       1.3352       0.00779 mg/L       149.18       0.870 mg/kg       0.         Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.0722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       1.64.84       0.134 mg/kg       0.         Ti 190.601       -74.9       0.010169       0.001247 mg/L       1.1361       0.01394 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.64.84       0.134 mg/kg	Ca 430.253	795100.6	328.35	1.065	mg/L		36685	118.9 1	ng/kg	0.3
Cu 324.752       285984.0       1.3352       0.00779 mg/L       149.18       0.870 mg/kg       0.         Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.0722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       1.64.84       0.134 mg/kg       0.         Ti 190.601       -74.9       0.010169       0.001247 mg/L       1.1361       0.01394 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.64.84       0.134 mg/kg	Ca 317.933	27661018.9	307.76	2.130	πg/L		34385	238.0 r	mg/kg	0.6
Cu 324.752       285984.0       1.3352       0.00779 mg/L       149.18       0.870 mg/kg       0.         Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.0722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       1.64.84       0.134 mg/kg       0.         Ti 190.601       -74.9       0.010169       0.001247 mg/L       1.1361       0.01394 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.64.84       0.134 mg/kg	Ca 226.502	10496./	0.20626	0.000100	mg/L		23.045	0.0111 r	ng/kg	0.0
Cu 324.752       285984.0       1.3352       0.00779 mg/L       149.18       0.870 mg/kg       0.         Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.00722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Ni 231.604       9463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       1.64.84       0.134 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.1361       0.01394 mg/kg       0.         Ti 190.801       -74.9       0.010169       0.001247 mg/L       1.64.84       0.134 mg/kg	0 228.616	1779.7	0.061882	0.0003306	mg/L		6.9139	0.03694 1	ng/kg	0.5
Fe 302.107       1810831.3       569.98       1.650 mg/L       63683       184.3 mg/kg       0.         Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.0722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Mo 202.031       580.9       0.081350       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Ni 231.604       8463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       164.84       0.134 mg/kg       0.         V 292.402       83625.8       0.73059       0.000433 mg/L       91.627       0.0484 mg/kg       0.4         V 292.402       408535.4       14.064       0.0151 mg/L       1571.3       1.69 mg/kg <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>										
Fe 238.204       14246722.2       299.56       1.914 mg/L       33469       213.9 mg/kg       0.         Mg 279.077       505647.1       58.903       0.0722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Mo 202.031       580.9       0.081350       0.0007013 mg/L       9.0890       0.07836 mg/kg       0.         Ni 231.604       8463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Pb 220.353       28768.9       7.2236       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       164.84       0.134 mg/kg       0.         V 292.402       83625.8       0.73059       0.000433 mg/L       91.627       0.0484 mg/kg       0.4										0.5
Mg 279.077       505647.1       58.903       0.0722 mg/L       6581.1       8.06 mg/kg       0.         Mn 257.610       21371669.8       49.159       0.1027 mg/L       5492.4       11.47 mg/kg       0.         Mo 202.031       580.9       0.081350       0.0007013 mg/L       9.0890       0.07836 mg/kg       0.         Ni 231.604       8463.1       0.33597       0.000277 mg/L       37.537       0.0309 mg/kg       0.         Pb 220.353       28768.9       7.2236       0.00328 mg/L       807.07       0.366 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       164.84       0.134 mg/kg       0.         V 292.402       83625.8       0.73059       0.000433 mg/L       91.627       0.0484 mg/kg       0.4         Zu 206.200       408535.4       14.064       0.0151 mg/L       1571.3       1.69 mg/kg       0.				1.650	mg/L					0.2
Mn         257.610         21371669.8         49.159         0.1027 mg/L         5492.4         11.47 mg/kg         0.           Mo         202.031         580.9         0.081350         0.0007013 mg/L         9.0890         0.07836 mg/kg         0.           Ni         231.604         9463.1         0.33597         0.000277 mg/L         37.537         0.0309 mg/kg         0.           Pb         220.353         28768.9         7.2236         0.00328 mg/L         807.07         0.366 mg/kg         0.           Sb         206.836         39.8         0.023020         0.0031347 mg/L         2.5719         0.35024 mg/kg         13.           Se         196.026         -124.2         -0.026694         0.0052832 mg/L         -2.9825         0.59028 mg/kg         19.           Ti         339189.6         1.4754         0.00120 mg/L         164.84         0.134 mg/kg         0.           V         292.402         83625.8         0.73059         0.000433 mg/L         81.627         0.0484 mg/kg         0.4           Zn         206.200         408535.4         14.064         0.0151 mg/L         1571.3         1.69 mg/kg         0.										Ο.€
Mo         202.031         580.9         0.081350         0.0007013 mg/L         9.0890         0.07836 mg/kg         0.           Ni         231.604         9463.1         0.33597         0.000277 mg/L         37.537         0.0309 mg/kg         0.           Pb         220.353         28768.9         7.2236         0.00328 mg/L         807.07         0.366 mg/kg         0.           Sb         206.836         39.8         0.023020         0.0031347 mg/L         2.5719         0.35024 mg/kg         13.           Se         196.026         -124.2         -0.026694         0.0052832 mg/L         -2.9825         0.59028 mg/kg         19.           Ti         339189.6         1.4754         0.00120 mg/L         164.84         0.134 mg/kg         0.           T1         190.801         -74.9         0.010169         0.0001247 mg/L         1.1361         0.01394 mg/kg         1.           V         292.402         83625.8         0.73059         0.000433 mg/L         81.627         0.0484 mg/kg         0.           Zn         206.200         408535.4         14.064         0.0151 mg/L         1571.3         1.69 mg/kg         0.	÷									Ú.1
Ni 231.604         9463.1         0.33597         0.000277 mg/L         37.537         0.0309 mg/kg         0.           Pb 220.353         28768.9         7.2236         0.00328 mg/L         807.07         0.366 mg/kg         0.           Sb 206.836         39.8         0.023020         0.0031347 mg/L         2.5719         0.35024 mg/kg         13.           Se 196.026         -124.2         -0.026694         0.0052832 mg/L         -2.9825         0.59028 mg/kg         19.           Ti 336.121         339189.6         1.4754         0.00120 mg/L         164.84         0.134 mg/kg         0.           Tl 190.801         -74.9         0.010169         0.000423 mg/L         1.1361         0.01394 mg/kg         1.           V 292.402         83625.8         0.73059         0.00433 mg/L         81.627         0.0484 mg/kg         0.           Zn 206.200         408535.4         14.064         0.0151 mg/L         1571.3         1.69 mg/kg         0.		21371669.8	49.159	0.1027	mg/L		5492.4			0.2
Ni 231.604         9463.1         0.33597         0.000277 mg/L         37.537         0.0309 mg/kg         0.           Pb 220.353         28768.9         7.2236         0.00328 mg/L         807.07         0.366 mg/kg         0.           Sb 206.836         39.8         0.023020         0.0031347 mg/L         2.5719         0.35024 mg/kg         13.           Se 196.026         -124.2         -0.026694         0.0052832 mg/L         -2.9825         0.59028 mg/kg         19.           Ti 336.121         339189.6         1.4754         0.00120 mg/L         164.84         0.134 mg/kg         0.           Tl 190.801         -74.9         0.010169         0.000423 mg/L         1.1361         0.01394 mg/kg         1.           V 292.402         83625.8         0.73059         0.00433 mg/L         81.627         0.0484 mg/kg         0.           Zn 206.200         408535.4         14.064         0.0151 mg/L         1571.3         1.69 mg/kg         0.	Mo 202.031			0.0007013	mg/L		9.0890	0.07836 m	ng/kg	Ú.8
Pb 220.353       28768.9       7.2236       0.00328 mg/L       807.07       0.366 mg/kg       0.         Sb 206.836       39.8       0.023020       0.0031347 mg/L       2.5719       0.35024 mg/kg       13.         Se 196.026       -124.2       -0.026694       0.0052832 mg/L       -2.9825       0.59028 mg/kg       19.         Ti 336.121       339189.6       1.4754       0.00120 mg/L       164.84       0.134 mg/kg       0         T1 190.801       -74.9       0.010169       0.0001247 mg/L       1.1361       0.01394 mg/kg       1         V 292.402       83625.8       0.73059       0.000433 mg/L       81.627       0.0484 mg/kg       0         Zn 206.200       408535.4       14.064       0.0151 mg/L       1571.3       1.69 mg/kg       0	Ni 231.604	8463.1	0.33597	0.000277	mg/L		37.537			0.0
Sb 206.836         39.8         0.023020         0.0031347 mg/L         2.5719         0.35024 mg/kg         13.           Se 196.026         -124.2         -0.026694         0.0052832 mg/L         -2.9825         0.59028 mg/kg         19.           Ti 336.121         339189.6         1.4754         0.00120 mg/L         164.84         0.134 mg/kg         0           T1 190.801         -74.9         0.010169         0.0001247 mg/L         1.1361         0.01394 mg/kg         1           V 292.402         83625.8         0.73059         0.000433 mg/L         81.627         0.0484 mg/kg         0           2n 206.200         408535.4         14.064         0.0151 mg/L         1571.3         1.69 mg/kg         0	Pb 220.353	28768.9	7.2236	0.00328	mg/L		807.07	0.366 m	ng/kg	0.0
Se         196.026         -124.2         -0.026694         0.0052832 mg/L         -2.9825         0.59028 mg/kg         19.           Ti         339189.6         1.4754         0.00120 mg/L         164.84         0.134 mg/kg         0.           T1         190.801         -74.9         0.010169         0.0001247 mg/L         1.1361         0.01394 mg/kg         1.           V         292.402         83625.8         0.73059         0.000433 mg/L         81.627         0.0484 mg/kg         0.1           Zn         206.200         408535.4         14.064         0.0151 mg/L         1571.3         1.69 mg/kg         0.		39.8		0.0031347	mg/L					13.6
Ti 336.121       339189.6       1.4754       0.00120 mg/L       164.84       0.134 mg/kg       0         T1 190.801       -74.9       0.010169       0.0001247 mg/L       1.1361       0.01394 mg/kg       1         V 292.402       83625.8       0.73059       0.000433 mg/L       81.627       0.0484 mg/kg       0         Zn 206.200       408535.4       14.064       0.0151 mg/L       1571.3       1.69 mg/kg       0										19.7
T1       190.801       -74.9       0.010169       0.0001247       mg/L       1.1361       0.01394       mg/kg       1.1         V       292.402       83625.8       0.73059       0.000433       mg/L       81.627       0.0484       mg/kg       0.4         2n       206.200       408535.4       14.064       0.0151       mg/L       1571.3       1.69       mg/kg       0.4										0.0
V 292.402 83625.8 0.73059 0.000433 mg/L 81.627 0.0484 mg/kg 0.4 2n 206.200 408535.4 14.064 0.0151 mg/L 1571.3 1.69 mg/kg 0.4										1.2
2n 206.200 408535.4 14.064 0.0151 mg/L 1571.3 1.69 mg/kg 0.										0.0
	V / 9/ 4/1/									
5// 107.527 -201.9 -0.034220 0.0010914 mg/L -3.0240 0.21129 mg/Kg D				0.0101						
	Zn 206.200	-267 9	-0 034226	0 0018974	ma /1		_3 9240	0 77100		

Sample Qty:	0.5200 g		Prep. Vol.:		50.0 mL	Dilution:	1.0: 1
			Data: Origin	al		Date: 12/22/2000	2:27:06 PM
	Mean Corr.	Mean	. Std.Dev.	Calib	Mean	Sample Std.Dev. Units 0.035654 mg/kg 0.019244 mg/kg 19.03 mg/kg 0.23539 mg/kg 0.0511 mg/kg 0.00494 mg/kg 0.00494 mg/kg 0.00494 mg/kg 168.6 mg/kg 0.03484 mg/kg 0.03484 mg/kg 0.01390 mg/kg 0.2118 mg/kg 0.1955 mg/kg 15.8 mg/kg 57.5 mg/kg 5.79 mg/kg 0.121 mg/kg 0.121 mg/kg 0.1221 mg/kg 0.1261828 mg/kg 0.0857 mg/kg 0.0655 mg/kg 0.0655 mg/kg 0.073888 mg/kg 0.073888 mg/kg 0.0656 mg/kg 0.1401 mg/kg	
Element	Intensity	Conc	. Std.Dev.	Units	Conc.	Std.Dev. Units	RSD
Y 360.073	2212989.9	4.8537	0.01822	mg/L			0.385
Ag 338.289	533.3	0.005959	0.0003130	mg/L	0.67889	0.035654 mg/kg	5.253
Ag 328.068	985.0	0.007141	0.0001689	mg/L	0.81355	0.019244 mg/kg	2.37%
AI 308.215	1059844.7	84.181	0.1671	mg/L	9590.1	19.03 mg/kg	0.20%
As 188.979	64.2	0.072131	0.0020663	mg/L	8.2174	0.23539 mg/kg	2.86%
3 249.677	41.1	0.092909	0.0004484	mcr/L	10.584	0.0511 mg/kg	C.48%
= 233 527	62168 9	1.7913	0 00096	mg/T	135 72	0.109  mg/kg	0.083
A 313 107	24843 8	0 013173	0.0000434		1 5007	0.00494 mg/kg	מסיניט מכיד ת
- 430 352	29093-0	470 00	0.0000434	mg/L	1.5007	0.00494 mg/kg	0.33%
- 217 022	37792026 1	420.00	1.013	mg/L	53543	52.9 mg/kg	0.178
-4 317.933	3//03920.1	420.47	1.450	mg/L	47901	168.6 mg/kg	0.355
a 226.502	2301.0	0.041236	0.0003058	mg/L	4.6978	0.03484 mg/kg	0.741
Co 228.616	948.3	0.036097	0.0001220	mg/L	4.1123	0.01390 mg/kg	0.34
r 267.716	20466.0	0.33732	0.001859	mg/L	38.429	0.2118 mg/kg	0.550
u 324.752	76153.5	0.35300	0.001716	mg/L	40.215	0.1955 mg/kg	0.495
e 302.107	663340.1	208.80	0.783	mg/L	23787	89.2 mg/kg	0.37.
e 238.204	6982192.1	146.81	0.504	mg/L	16725	57.5 mg/kg	0.34
g 279.077	825860.9	95.586	0.1386	mg/L	10889	15.8 mg/kg	2.145
n 257.610	6675801.8	15,356	0.0508	ma /T	1749 4	5.79 mg/kg	0 334
0 202.031	79.2	0.002993	0.0004669	ma / T	0 34065	0.053190 ma/ba	15 405
1 231 604	4212 0	0.002993	0 0004000	+ng/1	10 750	0.000100 mg/kg	10.00
5 220 353	4417.0	1 1/00	0.000984	mg/L	19.759	0.1121 mg/kg	0.575
N 220.003	40/1.8	T. T08A	0.00123	mg/L	133.10	0.140 mg/kg	0.11
L 200.036	2.0	0.001137	0.0063253	mg/L	0,12950	0.720598 mg/kg	550.44B
e 196.026	-44.2	-0.008628	0.0022983	mg/L	-0.98291	0.261828 mg/kg	20.04
i 336.121	102036.7	0.44383	0.000752	mg/L	50.562	0.0857 mg/kg	0.17:
1 190.801	-48.2	-0.001323	0.0006486	mg/L	-0.15076	0.073888 mg/kg	49.01
292.402	24017.9	0.21475	0.000063 1	mg/L	24.465	0.0072 mg/kg	0.03\
n 206.200	52970.4	1.8235	0.00496	mg/L	207.73	0.565 mg/kg	0.27%
n 189.927	-364.1	-0.12466	0.001230	mg/I.	-14.202	0.1401 mg/kg	0.994
		D.	ata: Original	1 	umple No.: 8 0.0 mL		
· •	Mean Corr.	Mean	0	Calib	Mean	Sample	
lement	Intensity	Conc.	Std.Dev. (	Jnits	Conc.	Std.Dev. Units 0.04707 mg/kg 0.014810 mg/kg 19.96 mg/kg 0.3653 mg/kg	RSD
360.073	2199182.2	4.8234	0.00996 m	ng/L			0.21
g 338.289	-575.7	-0.016360	0.0004464 n	ng/L	-1.7251	0.04707 mg/kg	2.73%
328.068	517.7	0.003754	0.0001405 m	ng/L	0.39581	0.014810 mg/kg	3.74%
308.215	581664.8	46.215	0.1893 m	ng/L	4873.1	19.96 mg/kg	0.41%
188.979	191.2	0.21451	0.003465 m	ng/L	22.619	0.3653 mg/kg	1.62%
249.677	-6549.1	0.10831	0.000562 m	ng/L	11.420	0.0592 mg/kg	0.52}
233.527	38021.6	0.72860	0.003566 m		76.827	0.3760  mg/kg	0.49%
313.107	11037.3	0.006276	0.0000270 m		0.66181	0.002848 mg/kg	0.43%
430.253	786552.0	324.82	0.974 m		34251	102.7 mg/kg	0,30:
317.933	27147720.4	302.05	0.049 m		34251 31849		
226.502	6382.0	0.11309	0.000392 m	(g/L)		5.2 mg/kg	0.025
228.616	1707.1		0.000392 m	14/12 /7	11.925	0.0413 mg/kg	0.35
	41813.6	0.057402	0.0002082 m	UC / L	6,0527	0.02195 mg/kg	0.361
267.716		0.68917	0.002498 m	ig/L	72.670	0.2634 mg/kg	0.36%
324.752	285547.9	1.3338	0.00656 m	lg/L	140.64	0.691 mg/kg	0.49%
302.107	1925631.4	60£.12	2.501 m	lg/L	63912	263.7 mg/kg	0.41%
238.204	14740050.7	309.94	0.237 m		32681	25.0 mg/kg	C.08:
279.077	600446.7	69.885	0.2481 m		7369.0	26.16 mg/kg	0.35
257.610	7076487.5	16.277	0.0078 m	g/L	1716.4	0.83 mg/kg	0.05:
202.031	634.3	0.088459	0.0003460 m	g/L	9.3275	0.03649 mg/kg	G.39
231.604	12324.0	0.49400	0.001090 m	g/L	52.089	0.1149 mg/kg	0.22%
220.353	4853.6	1.2002	0.00090 m	g/L	126.56	0.095 mg/kg	0.07
206.836	3.5	0.002040	0.0017525 m		0.21513	0.184796 mg/kg	85.90%
196.026		-0.045179	0.0025535 m		-4.7639	0.26925  mg/kg	5.65
336.121	529559.3	2.3034	0.01345 m	g / 7	242.88	1.421 mg/kg	
190.801	-86.5	0.007355	0.0033879 m	9/			0.59%
					0.77554	0.357233 mg/kg	46.06%
292.402		0.41269	0.002001 m	g/L	43.516	0.2110 mg/kg	0.48%
206.200		3.0178	0.01151 mg		318.21	1.214 mg/kg	0.38%
189.927	-471.5	-01077676	0.0002689 mg	-			0.35%
an Data : WS75312					ple No.: 9	1/S Doc: 17	

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t Method: TAL LIST Low Level

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Page 12

Date: 12/22/2000 2:54:16 PM

C	1	Data: Original		Date: 12/22/2000	2:40:10
Mean Corr.	Mean	Cali	b Mean	Sample	
Intensity					RSD
2259913.8				Jean pert, United	0.
			0 (4530	0.000121 (h-	
			0.64539	0.0001/1 mg/kg	
					2.
		0.1349 mg/L		15.68 mg/kg	0.
				0.0202 mg/kg	ο.
-1897.8	0.060662	0.0000239 mg/L	7.0496	0.00278  mg/kg	Ο.
51117.0	0.97955	0.011909 mg/L	113,83	1.384 mg/kg	1.
12593.0	0.006677		0.77596	0.010056 mg/kg	
		0.787 mg/1	26907	91 5 mg/kg	ō.:
	229 31	0 282 mg/1	76649	22.7 = -1/ka	č.
		0.202 mg/L	20040	52.7 mg/kg	
			5,4620	0.03261 mg/kg	0.1
			5.7137	0.05/66 mg/kg	
		0.001287 mg/L	36.005 -	0.1496 mg/kg	0.4
105644.4	0.48970	0.003577 mg/L	56.909	0.4157 mg/kg	0.1
769308.5	242.15	0.492 mg/L	28141	57.2 mg/kg	С.1
8142285.6	171.21	0.406  mg/T.		47.2  mg/kg	с.,
	48 848	0 4921 mg/L		$57 18 m \sigma/k \sigma$	1.0
	9 4612	0.1306 m = (1)			0.1
	9.4012	0.0120e mg/L		1.40 mg/kg	
				0.06021 mg/kg	1.6
				0.1099 mg/kg	0.3
3790.5		0.001626 mg/L	109.90	6.189 mg/kg	0.1
1.9	0.001099	0.0002144 mg/L	0.12767	0.024913 mg/kg	19.5
-62.0	-0.019822		-2.3036	0.38390 mg/kg	16.6
			43 604	0.1457 mg/kg	Ú.3
			-0 69501	6 360435 mg/kg	56.1
			-0.05001	0.330430 mg.Xg	 
	0.21025	0.001834 mg/L	10.303	0.2131 mg/kg	0.9
		0.01/32 mg/L	212.96	2.013 mg/kg	C.9
-325.6	-0.074541	0.0002704 mg/L	-8.6625	0.03142 mg/kg	0.3
r	5e	eq. NC.: 21 S.	ample No.: 10	A/S Pos: 10	~
0.5300 g	PI	ep. vol.:	50.0 mL	Dilution: 1.	
	Da	ta: Original		Date: 12/22/2000	2:46:32
Mean Corr.	Mean	Calib.	Mean	Sample	
			Conc		RSD
			conc.	800	
			0 10707		3.4
			0.10/9/	0.003766 mg/kg	
				0.006435 mg/kg	1.6
			8704.2	16.51 mg/kg	0.1
67.2	0.076744		8.7503	0.17228 mg/kg	1.9
-1556.4	0.075603	0.0000476 mg/L	8.6201	0.00542 mg/kg	С.О
		0 00091 mg/I		0.104  mg/kg	0.0
				0.00172 mg/kg	0.1
					0.0
			33659		0.0
2881.1	0.051827	0.0000040 mg/L	5.9093	0.00046 mg/kg	υ.Ο
1301.5	0.050504	0.0000718 mg/L	5.7584	0.00819 mg/kg	0.1
23048.7	0.37989	0.000638 mg/L	43.315 -	0.0728 mg/kg \5	
93359.1	0.43275		49.342	0.1057 mg/kg	0.2
	257.32	0.788 mg/T			0.3
					0.10
					0.2
	17 740				
					C.O
					C.60
			18.489	0.0735 mg/kg	0.40
4895.8	1.2235	0.00458 mg/L	139.50	0.523 mg/kg	0.3
5.2	0.003035	-	0.34604	0.145558 mg/kg	42.00
		•		1.38389 mg/kg	113.04
		•		0 2030 mg/kg	0.34
		•		0.476201 mc/hs	140.00
		-		0.470201 mg/kg	162.20
		-		0.0070 mg/kg	0.02
			250.39	1.444 mg/kg	0.58
-347.7	-0.086549	0.0001992 mg/L	-9.8682	0.02271 mg/kg	0.23
		No. 00 +		1/C D 10	
KE	Seq	. No.: 22 San	mple No.: 11	A/S Pos: 19	
	Seq Pre	. No.: 22 Sam p. Vol.: 54	mple No.: 11	A/S Pos: 19 Dilution: 1.0	
KE	Seq Pre	I. No.: 22 Sam P. Vol.: 50 a: Original	mple No.: 11 0.0 mL	A/S Pos: 19 Dilution: 1.0 Date: 12/22/2000 2	
	12593.0 560710.7 20606019.1 2639.6 1260.9 18797.8 105644.4 769308.5 8142285.6 421040.5 4113173.1 220.3 6090.6 3790.5 1.9 -62.0 86262.6 -52.1 24000.7 53232.4 -325.6 P 0.5300 g Mean Corr. Intensity 2245419.2 84.7 488.0 960821.7 67.2 -1556.4 60180.5 16810.7 748254.7 26529468.4 2881.1 1301.5 23048.7 93359.1 817487.1 8440071.3 568098.0 7715883.5 82.7 4075.6 4895.8 5.2 -54.6 12064.7 -47.8 46952.4 63793.0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	937.5         0.006797         0.0001660 mg/L           755958.6         60.063         0.1349 mg/L           .1897.8         0.060662         0.0001239 mg/L           51117.0         0.97955         0.011909 mg/L           12593.0         0.006677         0.000280 mg/L           26606019.1         229.31         0.282 mg/L           2639.6         0.047179         0.0002806 mg/L           1260.9         0.049167         0.0004962 mg/L           18797.8         0.30983         0.001287 mg/L           105644.4         0.48970         0.003187 mg/L           105644.4         0.48970         0.0002187 mg/L           769308.5         242.15         0.492 mg/L           8142285.6         171.21         0.406 mg/L           4113173.1         9.4612         0.010204 mg/L           3790.5         0.94572         0.001244 mg/L           6090.6         0.245335         0.0002144 mg/L           -52.1         -0.005961         0.0033597 mg/L           86262.6         0.37522         0.001234 mg/L           53232.4         1.8325         0.01732 mg/L           -325.6         -0.074541         0.0002704 mg/L           53300 g	937.5         0.006797         0.0001660 mg/L         0.78993           755958.6         60.063         0.1349 mg/L         11.240           -1897.8         0.060662         0.0000239 mg/L         7.0496           51117.0         0.97955         0.011909 mg/L         113.83           12593.0         0.006677         0.000286 mg/L         2.6507           20606019.1         229.31         0.282 mg/L         2.6648           1260.9         0.049167         0.0002806 mg/L         5.17137           18797.8         0.30983         0.001287 mg/L         26507           7055308.5         242.15         0.492 mg/L         28141           8142285.6         171.21         0.406 mg/L         19896           421040.5         48.848         0.4921 mg/L         5676.7           4113173.1         9.4612         0.01206 mg/L         10.99.50           1.9         0.001999         0.002144 mg/L         0.1276           -62.0         -0.01822         0.001233 mg/L         -2.3036           86252.6         0.37522         0.001235 mg/L         -0.65501           24000.7         0.21825         0.01732 mg/L         -0.65501           24000.7         0.21825	937.5         0.006797         0.001660 mg/L         0.78993         0.015.68 mg/kg           755588.6         60.063         0.01349 mg/L         6890.0         15.68 mg/kg           87.1         0.096719         0.000239 mg/L         7.0496         0.002278 mg/kg           51117.0         0.97955         0.011909 mg/L         113.83         0.020278 mg/kg           20660619.1         223.13         0.002462 mg/L         26496         0.27.7 mg/kg           20640619.1         223.31         0.02187 mg/L         26498         0.27.7 mg/kg           2639.6         0.047179         0.0002462 mg/L         5.7137         0.05766 mg/kg           12609         0.049167         0.0001287 mg/L         5.7137         0.05766 mg/kg           126308.5         242.15         0.001287 mg/L         15.909         0.1496 mg/kg           10664.4         0.49070         0.001287 mg/L         12841         57.2 mg/kg           61425.6         172.21         0.4462 mg/L         12841         57.2 mg/kg           765308.5         242.15         0.425181 mg/L         1.6567.7         57.18 mg/kg           2103.0         0.21433         0.002181 mg/L         1.059.50         1.187/kg           220400.5

Method: TAL LIST Low Level

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	Mean Corr.	Mean	Calib	Mean	Sample	
Element	Intensity	Conc	. Std.Dev. Units 0.01494 mg/L 0.002668 mg/L 0.000930 mg/L 0.613 mg/L	Conc.	Std.Dev. Units	RSD
Y 360.073	2222720.5	4.8750	0.01494 mg/L		ol Ser	0.31
Ag 338.289	77331.7	0.85547	0.002668 mg/L	103.39	0.322 mg/kg	0.31
Ag 328.068	119743.1	0.86815	0.000930 mg/L	104.92	0.112 mg/kg 0.112 mg/kg 74.1 mg/kg 0.618 mg/kg 0.5773 mg/kg	7 0.11
1 308.215	1355485.2	107.67	0.613 mg/L	13013	74.1 mg/kg	0.57
As 188.979 8 249.677	941.4	0.98250	0.005116 mg/L 0.004776 mg/L	118.75	0.618 mg/kg	0.52
B 249.677	20029.9	0.71648	0.004776 mg/L	86.594	0.5773 mg/kg	0.67
Ba 233.527	125486.1	2.4047	0.00123 mg/L 0.003164 mg/L 0.999 mg/L 0.614 mg/L 0.003324 mg/L 0.002818 mg/L	290.63	0.148 mg/kg	0.05
Be 313.107	1631769.4	0.86520	0.003164  mg/L	104.57	0.382 mg/kg	0.3
Ca 430.253	1214407.6	501.46	0.999 mg/L	60607	120.B mg/kg	0.20
Ca 317.933	39724120.9	441.98	0.614 mg/L	53418	/4.2 mg/kg	0.14
Cd 226.502	40340.3	0.87167	0.003324 mg/L	105.35	0.402 mg/kg	0.38
CO 228.616	18632.5	0.82699	0.002818 mg/L	99.950	0.3405 mg/kg	0.34
LI 201.110	88389.1	1.4001	0.00133 mg/L	110.41	0.165 mg/kg (161.	0.10
21 324,75Z	319125.1	1.4881	0.00021  mg/L	1/9.85	0.025 mg/kg	0.01
re 302.107	16/1946.7	526.27	4.931 mg/L	63605	596.0 mg/kg	0.34
re 238.204	13409/28.5	281.90	0.912  mg/L	34078	ilu.z mg/kg	0.34
1g 279.077	040462.0	/5.01/	0.5437 mg/L	9066.0	es./I mg/kg	0.72
10 202 021	3330/08./	12.0/4	0.0221  mg/L	1333.2	∴.ce mg/kg D 2357 ma/ka	0.25
10 202.031	20005 F	1 1910	0.001950 mg/L	34.032	0.2007 mg/Kg 0.045 mg/Kg	2.12
Ph 220 351	29003.5	1 8044	0.00037 mg/L	בשב.05 חומור	1 355 mm/km	0.00
Sh 206 836	/210.J 69 D	L.DU4C	0.0058178 ma/1	4 7719	0 70314 mm /km	14 73
Se 196 076	00.2 758 0	0.033402	0.00021 mg/L 4.931 mg/L 0.912 mg/L 0.5437 mg/L 0.0221 mg/L 0.001950 mg/L 0.00037 mg/L 0.0058178 mg/L 0.0058178 mg/L 0.00310 mg/L 0.00310 mg/L 0.00310 mg/L 0.00310 mg/L 0.00110 mg/L 0.0009901 mg/L	93 701	0.9378 mg/kg	1 D.
ri 336 121	220052 4	1 471329	0.00310 mg/1	170 44	0.375 mg/kg	C 22
1 100 601	525037.4 1320 7	0 74774	0.003591 mm/T	80 700	0 4340 mg/kg	6.48
1 292 402	179014 0	1 0979	0.005551 mg/1	31 47	0.133 mg/kg	6 10
252.302	120514.0	2 8797	0.00110  mg/s	468 78	0.952 mg/kg	0.18
in 189.927	-479 0	-0 096204	0.0009901 mg/L	-11 677	0.1197 mg/kg	1.03:
			2	-11.65/	0.119. <b>M</b> g/ Kg	1.05
lean Data						
D: CCB		Se	eq. No.: 23 Sample	No.: 6	A/S Pos: 1	
Sample Qty:	1.0000 g	<b>D</b> .				1
		r.	rep. Vol.: 1.0 L		Dilution: 1.0:	
	-	Da	ata: Original		Date: 12/22/2000 2:5	1 9:13 PM
		Da			Date: 12/22/2000 2:5	9:18 PM
	Mean Corr.	Da Mean	Calib		Date: 12/22/2000 2:5	9:18 PM
	Mean Corr.	Da Mean	Calib		Date: 12/22/2000 2:5	9:18 PM
lement 360.073	Mean Corr. Intensity 2297518.2	Da Mean Conc. 5.0391	Calib Std.Dev. Units 0.03728 mg/L		Date: 12/22/2000 2:5	9:18 PM  RSD 0.74:
lement 360.073	Mean Corr. Intensity 2297518.2	Da Mean Conc. 5.0391	Calib Std.Dev. Units 0.03728 mg/L		Date: 12/22/2000 2:5	9:13 PM  RSD 0.74: 11.87
Clement 360.073 Ng 338.289 Ng 328.068	Mean Corr. Intensity 2297518.2 85.2 92.6	De Mean Conc. 5.0391 0.000952 0.000671	Calib Std.Dev. Units 0.03728 mg/L 0.0001130 mg/L 0.0000728 mg/L		Date: 12/22/2000 2:5	9:13 PM  RSD 0.74: 11.87 10.84:
lement 360.073 kg 338.289 kg 328.068 l 308.215	Mean Corr. Intensity 2297518.2 85.2 92.6 1101.8	De Mean Conc. 5.0391 0.000952 0.000671 0.007540	Calib Std.Dev. Units 0.03728 mg/L 0.0001130 mg/L 0.0000728 mg/L 0.00044458 mg/L		Date: 12/22/2000 2:5	9:13 PM  RSD 0.74: 11.87 10.84:
llement 360.073 kg 338.289 kg 328.068 kl 308.215 QC exceeds	Mean Corr. Intensity 2297518.2 85.2 92.6 1101.8 upper limit for	De Mean Conc. 5.0391 0.000952 0.000671 0.007540 Al 308.215	Calib Std.Dev. Units 0.03728 mg/L 0.0001130 mg/L 0.0000728 mg/L 0.0044458 mg/L Action = Continue		Date: 12/22/2000 2:5	9:13 PM RSD 0.74: 11.87 10.84: 5.09:
21ement 7 360.073 Mg 338.289 Mg 328.068 Ml 308.215 QC exceeds % 188.979	Mean Corr. Intensity 2297518.2 85.2 92.6 1101.8 upper limit for 5.8	De Mean Conc. 5.0391 0.000952 0.000671 0.007540 Al 308.215	Calib Std.Dev. Units 0.03728 mg/L 0.0001130 mg/L 0.0000728 mg/L 0.0044458 mg/L Action = Continue		Date: 12/22/2000 2:5	9:18 PM RSD 0.74: 11.87 10.84: 5.08: 23.363
21ement 360.073 338.289 328.068 1 308.215 QC exceeds 5 188.979 5 249.677	Mean Corr. Intensity 2297518.2 85.2 92.6 1101.8 upper limit for 5.8 403.3	De Mean Conc. 5.0391 0.000952 0.000671 0.087540 Al 308.215 0.005995 0.009761	Calib Std.Dev. Units 0.03728 mg/L 0.0001130 mg/L 0.0000728 mg/L 0.004458 mg/L Action = Continue 0.0014003 mg/L 0.0005231 mg/L		Date: 12/22/2000 2:5	9:18 PM  RSD 0.74: 11.87 10.84: 5.08: 23.36: 5.36:
Clement 360.073 4g 338.289 4g 328.068 4l 308.215 4C exceeds 5 188.979 5 249.677 4 233.527	Mean Corr. Intensity 2297518.2 92.6 1101.8 upper limit for 5.8 403.3 115.7	Da Mean Conc. 5.0391 0.000952 0.000671 0.087540 Al 308.215 0.005995 0.009761 0.002217	Calib Std.Dev. Units 0.03728 mg/L 0.0001130 mg/L 0.0000728 mg/L 0.0044458 mg/L Action = Continue 0.0014003 mg/L 0.0005231 mg/L 0.0001707 mg/L		Date: 12/22/2000 2:5	9:18 PM  RSD 0.747 11.87 10.84: 5.08: 23.365 5.36: 7.70:
Clement 360.073 g 338.289 g 328.068 l 308.215 gC exceeds s 188.979 249.677 a 233.527 e 313.107	Mean Corr. Intensity 2297518.2 85.2 92.6 1101.8 upper limit for 5.8 403.3 115.7 1454.3	De Mean Conc. 5.0391 0.000952 0.000671 0.087540 Al 308.215 0.005995 0.009761 0.002217 0.000771	Calib Std.Dev. Units 0.03728 mg/L 0.0001130 mg/L 0.0000728 mg/L 0.0044458 mg/L Action = Continue 0.0014003 mg/L 0.0005231 mg/L 0.0001707 mg/L 0.0000785 mg/L		Date: 12/22/2000 2:5	9:18 PM  RSD 0.74: 11.87 10.84: 5.08: 23.365 5.36: 7.70: 10.18
Clement 360.073 338.289 328.068 308.215 QC exceeds 188.979 249.677 a 233.527 a 313.107 a 430.253	Mean Corr. Intensity 2297518.2 85.2 92.6 1101.8 upper limit for 5.8 403.3 115.7 1454.3 953.7	De Mean Conc. 5.0391 0.000952 0.000671 0.087540 Al 308.215 0.005995 0.009761 0.002217 0.000771 0.39382	Calib Std.Dev. Units 0.03728 mg/L 0.0001130 mg/L 0.0000728 mg/L 0.0044458 mg/L Action = Continue 0.0014003 mg/L 0.0005231 mg/L 0.0001707 mg/L		Date: 12/22/2000 2:5	9:18 PM  RSD 0.74: 11.87 10.84: 5.08: 23.36: 5.36: 7.70:
Clement 360.073 g 338.289 g 328.068 l 308.215 QC exceeds s 188.979 s 249.677 e 313.107 e 313.107 e 313.107 a 430.253 QC exceeds a .317.933	Mean Corr. Intensity 2297518.2 92.6 1101.8 upper limit for 5.8 403.3 115.7 1454.3 953.7 upper limit for 43632.0	Da Mean Conc. 5.0391 0.000952 0.000671 0.007540 Al 308.215 0.005995 0.009761 0.002217 0.002217 0.000771 0.39382 Ca 430.253 0.48555	Calib Std.Dev. Units 0.03728 mg/L 0.0001130 mg/L 0.0000728 mg/L 0.0044458 mg/L Action = Continue 0.0014003 mg/L 0.0005231 mg/L 0.0001707 mg/L 0.0000785 mg/L 0.030390 mg/L Action = Continue 0.041099 mg/L		Date: 12/22/2000 2:5	9:18 PM  RSD 0.74: 11.87 10.84: 5.08: 23.365 5.36: 7.70: 10.18
Clement 360.073 g 338.289 g 328.068 l 308.215 QC exceeds s 188.979 249.677 a 233.527 e 313.107 a 430.253 QC exceeds a .317.933	Mean Corr. Intensity 2297518.2 92.6 1101.8 upper limit for 5.8 403.3 115.7 1454.3 953.7 upper limit for 43632.0	Da Mean Conc. 5.0391 0.000952 0.000671 0.007540 Al 308.215 0.005995 0.009761 0.002217 0.002217 0.000771 0.39382 Ca 430.253 0.48555	Calib Std.Dev. Units 0.03728 mg/L 0.0001130 mg/L 0.0000728 mg/L 0.0044458 mg/L Action = Continue 0.0014003 mg/L 0.0005231 mg/L 0.0001707 mg/L 0.0000785 mg/L 0.030390 mg/L Action = Continue		Date: 12/22/2000 2:5	9:18 PM 0.74: 11.87 10.84: 5.08: 23.363 5.36: 7.70: 10.18 7.72:
Clement 360.073 g 338.289 g 328.068 l 308.215 QC exceeds s 188.979 249.677 a 233.527 e 313.107 a 430.253 QC exceeds a .317.933 QC exceeds	Mean Corr. Intensity 2297518.2 92.6 1101.8 upper limit for 5.8 403.3 115.7 1454.3 953.7 upper limit for 43632.0	Da Mean Conc. 5.0391 0.000952 0.000671 0.007540 Al 308.215 0.005995 0.009761 0.002217 0.002217 0.000771 0.39382 Ca 430.253 0.48555	Calib Std.Dev. Units 0.03728 mg/L 0.0001130 mg/L 0.000728 mg/L 0.0044458 mg/L Action = Continue 0.0014003 mg/L 0.0005231 mg/L 0.0000785 mg/L 0.0000785 mg/L 0.030390 mg/L Action = Continue 0.041099 mg/L Action = Continue 0.000191 mg/L		Date: 12/22/2000 2:5	9:18 PM 0.74: 11.87 10.84: 5.08: 23.363 5.36: 7.70: 10.18 7.72:
Clement 360.073 g 338.289 g 328.068 l 308.215 QC exceeds s 188.979 249.677 a 233.527 e 313.107 a 430.253 QC exceeds a .317.933 QC exceeds d 226.502	Mean Corr. Intensity 2297518.2 92.6 1101.8 upper limit for 5.8 403.3 115.7 1454.3 953.7 upper limit for 43632.0 upper limit for	Mean Conc. 5.0391 0.000952 0.000671 0.007540 Al 308.215 0.005995 0.009761 0.002217 0.000771 0.39382 Ca 430.253 0.48555 Ca 317.933	Calib Std.Dev. Units 0.03728 mg/L 0.0001130 mg/L 0.0000728 mg/L 0.0044458 mg/L Action = Continue 0.0014003 mg/L 0.0005231 mg/L 0.0000785 mg/L 0.030390 mg/L Action = Continue 0.041099 mg/L Action = Continue		Date: 12/22/2000 2:5	9:18 PM 
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Clement 360.073 g 338.289 g 328.068 l 308.215 QC exceeds s 188.979 249.677 a 233.527 e 313.107 a 430.253 QC exceeds a 317.933 QC exceeds d 226.502 o 228.616 r 267.716 u 324.752 e 302.107 QC exceeds e 238.204 QC exceeds g 279.077 n 257.610 o 202.031 i 231.604 o 220.353 o 206.836	Mean Corr. Intensity 2297518.2 85.2 92.6 1101.8 upper limit for 5.8 403.3 115.7 1454.3 953.7 upper limit for 43632.0 upper limit for 37.9 18.5 73.4 4076.1 1446.1 upper limit for 23292.2 upper limit for 739.9 8249.0 9.4 33.2 -5.6 2.1	Mean Conc. 5.0391 0.00952 0.000671 0.087540 Al 308.215 0.005995 0.009761 0.002217 0.002217 0.002217 0.002217 0.002217 0.002217 0.00382 Ca 430.253 0.48555 Ca 317.933 0.00843 0.00843 0.00837 0.01209 Fe 238.204 0.018974 0.018974 0.01976 Fe 238.204 0.085481 0.018974 0.019364 -0.001422 0.001201	Calib Std.Dev. Units 0.03728 mg/L 0.0001130 mg/L 0.0000728 mg/L 0.0044458 mg/L Action = Continue 0.0014003 mg/L 0.0005231 mg/L 0.000785 mg/L 0.000785 mg/L 0.030390 mg/L Action = Continue 0.041099 mg/L Action = Continue 0.041099 mg/L 0.0001823 mg/L 0.0001823 mg/L 0.0001823 mg/L 0.0001823 mg/L 0.027250 mg/L 0.02755 mg/L 0.039847 mg/L Action = Continue 0.039847 mg/L Action = Continue 0.0014676 mg/L 0.0001664 mg/L 0.0006539 mg/L 0.0006519 mg/L 0.0006519 mg/L		Date: 12/22/2000 2:5 Sample Std.Dev. Units	9:18 PM RSD 0.747 11.87 10.84: 5.083 23.365 5.365 7.70 10.18 7.72 6.46 2.26 17.10 1.46 5.99 8.14: 8.81 7.73 15.09 24.43 45.98 53.38
lement 360.073 g 338.289 g 328.068 1 308.215 QC exceeds s 188.979 249.677 a 233.527 e 313.107 a 430.253 QC exceeds a 317.933 QC exceeds d 226.502 o 228.616 r 267.716 u 324.752 e 238.204 QC exceeds g 279.077 h 257.610 o 202.031 c 231.604 b 220.353 o 206.836 e 196.026 u 336.121	Mean Corr. Intensity 2297518.2 85.2 92.6 1101.8 upper limit for 5.8 403.3 115.7 1454.3 953.7 upper limit for 43632.0 upper limit for 37.9 18.5 73.4 4076.1 1446.1 upper limit for 23292.2 upper limit for 739.9 8249.0 9.4 33.2 -5.6 2.1 0.5	De Mean Conc. 5.0391 0.000952 0.000671 0.007540 Al 308.215 0.005995 0.009761 0.002217 0.002217 0.002217 0.000771 0.39382 Ca 430.253 0.48555 Ca 317.933 0.000843 0.000843 0.001209 0.018894 0.45518 Fe 302.107 0.48976 Fe 238.204 0.085481 0.018974 0.001364 -0.001422 0.001201 0.000447	Calib Std.Dev. Units 0.03726 mg/L 0.0001130 mg/L 0.0000728 mg/L 0.00044458 mg/L Action = Continue 0.0014003 mg/L 0.0005231 mg/L 0.0001707 mg/L 0.0000785 mg/L 0.030390 mg/L Action = Continue 0.041099 mg/L Action = Continue 0.000191 mg/L 0.0001823 mg/L 0.0001823 mg/L 0.0002755 mg/L 0.027250 mg/L Action = Continue 0.039847 mg/L Action = Continue 0.039847 mg/L Action = Continue 0.0014676 mg/L 0.0001664 mg/L 0.0006539 mg/L 0.0006539 mg/L 0.0006519 mg/L 0.0006519 mg/L		Date: 12/22/2000 2:5 Sample Std.Dev. Units	9:13 PM RSD 0.74: 11.87 10.84: 5.08: 23.36: 5.36: 7.70: 10.18 7.72: 6.46 2.26 17.10: 15.07: 1.46 5.99: 8.14: 8.81: 7.73 15.09: 24.43: 45.98: 53.38 592.51:
lement 360.073 g 338.289 g 328.068 1 308.215 QC exceeds s 188.979 249.677 a 233.527 e 313.107 a 430.253 QC exceeds a 317.933 QC exceeds d 226.502 o 228.616 r 267.716 u 324.752 e 302.107 QC exceeds e 238.204 QC exceeds g 279.077 n 257.610 o 202.031 i 231.604 o 220.353 o 206.836 e 196.026	Mean Corr. Intensity 2297518.2 85.2 92.6 1101.8 upper limit for 5.8 403.3 115.7 1454.3 953.7 upper limit for 43632.0 upper limit for 37.9 18.5 73.4 4076.1 1446.1 upper limit for 23292.2 upper limit for 739.9 8249.0 9.4 33.2 -5.6 2.1 0.5 594.6	Mean Conc. 5.0391 0.000952 0.000671 0.007540 Al 308.215 0.005995 0.009761 0.002217 0.000217 0.000771 0.39382 Ca 430.253 0.48555 Ca 317.933 0.000843 0.000843 0.000843 0.001209 0.018894 0.45518 Fe 302.107 0.48976 Fe 238.204 0.085481 0.018974 0.001402 Fe 2.38.204 0.001364 -0.001364 -0.001364	Calib Std.Dev. Units 0.03728 mg/L 0.0001130 mg/L 0.0000728 mg/L 0.0044458 mg/L Action = Continue 0.0014003 mg/L 0.0005231 mg/L 0.000785 mg/L 0.000785 mg/L 0.030390 mg/L Action = Continue 0.041099 mg/L Action = Continue 0.000191 mg/L 0.0001823 mg/L 0.0001823 mg/L 0.0001823 mg/L 0.0001823 mg/L 0.027250 mg/L Action = Continue 0.039847 mg/L Action = Continue 0.039847 mg/L Action = Continue 0.0014676 mg/L 0.0001664 mg/L 0.0006539 mg/L 0.0026476 mg/L 0.0016638 mg/L		Date: 12/22/2000 2:5 Sample Std.Dev. Units	9:18 PM RSD 0.74: 11.87 10.84: 5.08: 23.363 5.36: 7.70: 10.18 7.70: 10.46 5.99: 8.14: 8.81: 7.70: 24.43: 45.98: 53.38 53.38 53.38: 53.58: 54.33: 54.43: 54.43: 54.43: 55.58:
lement 360.073 g 338.289 g 328.068 1 308.215 QC exceeds s 188.979 249.677 a 233.527 e 313.107 a 430.253 QC exceeds a 317.933 QC exceeds d 226.502 o 228.616 r 267.716 u 324.752 e 302.107 QC exceeds g 279.077 h 257.610 b 202.031 i 231.604 b 220.353 b 206.836 e 196.026 i 336.121 l 90.801	Mean Corr. Intensity 2297518.2 85.2 92.6 1101.8 upper limit for 5.8 403.3 115.7 1454.3 953.7 upper limit for 43632.0 upper limit for 37.9 18.5 73.4 4076.1 1446.1 upper limit for 23292.2 upper limit for 739.9 8249.0 9.4 33.2 -5.6 2.1 0.5 594.6 0.5	Mean Conc. 5.0391 0.000952 0.000671 0.007540 Al 308.215 0.005995 0.009761 0.002217 0.000771 0.39382 Ca 430.253 0.48555 Ca 317.933 0.000843 0.000843 0.000843 0.001209 0.01894 0.45518 Fe 302.107 0.48976 Fe 238.204 0.085481 0.018974 0.001203 0.001364 -0.001422 0.001201 0.000237	Calib Std.Dev. Units 0.03728 mg/L 0.0001130 mg/L 0.0000728 mg/L 0.00044458 mg/L Action = Continue 0.0014003 mg/L 0.0005231 mg/L 0.000785 mg/L 0.000785 mg/L 0.030390 mg/L Action = Continue 0.041099 mg/L Action = Continue 0.041099 mg/L 0.000191 mg/L 0.0001823 mg/L 0.0001823 mg/L 0.0001823 mg/L 0.002755 mg/L 0.027250 mg/L Action = Continue 0.039847 mg/L Action = Continue 0.0014676 mg/L 0.0001664 mg/L 0.0006539 mg/L 0.0006411 mg/L 0.0016638 mg/L 0.0016638 mg/L 0.0029441 mg/L		Date: 12/22/2000 2:5 Sample Std.Dev. Units	9:18 PM  RSD 0.74: 11.87 10.84: 5.08: 23.362 5.36: 7.70: 10.18 7.70: 10.46 5.99: 8.14: 8.81: 7.70: 24.43: 25.36: 5.36: 24.43: 25.36: 5.36: 7.70: 10.18 8.14: 8.81: 7.73: 15.09: 24.43: 3.88: 5.38: 5.38: 5.39: 24.43: 5.38: 5.38: 5.39: 24.43: 5.38: 5.39: 24.43: 5.38: 5.38: 5.38: 5.38: 5.38: 5.38: 5.39: 24.43: 5.38: 5.3

Method: TAL LIST Low Level

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Method: TAL	LIST Low Level					Date: 12/2	22/2000 3:08:43
Element	Stds	Equation	I	ntercept	Slope	Curvature	Corr. e Coeff.
Ag 330.289	5	Linear-thru-	Zero	0.0	89495.3	0.00000	0.999997
Ag 328.068	5	Linear-thru-	Zero	0.0	137928.7	6.00000	0.999999
Al 308.215	3	Linear-thru-	Zero	0.0	12586.1	0.0000	0.999975
As 188.979	4	Linear-thru-	Zero	0.0	973.7	0.00000	
B 249.677	3	Linear-thru-	Zero	0.0	41314.7	0.00000	
Ba 233.527		Linear-thru-		0.0	52184.4	0.00000	
Be 313.107		Linear-thru-		0.0	1885996.7	0.00000	
Ca 430.253		Linear-thru-		0.0	2421.7	0.00000	
Ca 317.933		Linear-thru-		0.0	89861.0	0.00000	
Cd 226.502		Linear-thru-		0.0	44990.0	0.00000	
Co 228.616		Linear-thru-		0.0	22068.2	0.00000	
Cr 267.716	_	Linear-thru-		0.0			
Cu 324.752					60672.1	0.00000	-
Fe 302.107		Linear-thru-		0.0	215732.9	0.00000	
Fe 238.204		Linear-thru-		0.0	3177.0	0.00000	
		Linear-thru-		0.0	47558.2	0.00000	
Mg 279.077		Linear-thru-		0.0	8656.2	0.00000	
Mn 257.610		Linear-thru-		0.0	434741.9	0.00000	0.999995
Mo 202.031		Linear-thru-	-	0.0	8494.8	0.00000	1.000000
Ni 231.604		Linear-thru-	Zero	0.0	24313.8	0.0000	1.000000
Pb 220.353		Linear-thru-		0.0	3971.3	0.00000	0.999998
Sb 206.836	4	Linear-thru-	Zero	0.0	1728.2	0.00000	0.999997
Se 196.026	4	Linear-thru-	Zero	0.0	1091.2	0.00000	0.999996
Ti 336.121	9	Linear-thru-	Zero	0.0	229901.3	0.00000	0.999999
Tl 190.801	4	Linear-thru-	Zero	0.0	1966.8	0.00000	0.999996
V 292.402	5	Linear-thru-	Zero	0.0	125109.5 29049.3	0.00000	0.999999
Zn 206.200	5	Linear-thru-	Zero	0.0	29049.3	0.00000	
Sn 189.927	4	Linear-thru-	Zero	0.0	4245.2	0.00000	
Method: TAL Results: 123 Sample Info Method Desc:	LIST Low Level 2200B	Т	IEC: 06 Spectra User: U	07:ecb.iec Stored: Y serl	es	MSF: Method Store Date: 12/22/	2000 3:08:43
Method: TAL Results: 123 Sample Info Method Desc:	LIST Low Level 2200B : 122200sb ription: TAL LIS	Т	IEC: 06 Spectra User: U	07:ecb.iec Stored: Y serl	es	MSF: Method Store Date: 12/22/	ed: No (2000 3:08:43 )
Method: TAL Results: 12: Sample Info Method Desc. 	LIST Low Level 2200B : 122200sb ription: TAL LIS	T  Se	IEC: 06 Spectra User: U	071ecb.1ec Stored: Y serl	es 	MSF: Method Store Date: 12/22/	ed: No (2000 3:08:43 )
Method: TAL Results: 12: Sample Info Method Desc. 	LIST Low Level 2200B : 122200sb ription: TAL LIS	T  Se Pr	IEC: 06 Spectra User: U cg. No.: 24 ep. Vol.:	071ecb.1ec Stored: Y serl  Sampl 1.0	es 	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution:	ed: No (2000 3:08:43 )
Method: TAL Results: 12: Sample Info Method Desc. 	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da	IEC: 06 Spectra User: U 	071ecb.1ec Stored: Y serl Sampl 1.0 al	es 	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22	2000 3:08:43 3
Method: TAL Results: 12: Sample Info Method Desc. Mean Data ID: CCV Sample Qty:	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Mean	IEC: 06 Spectra User: U G. No.; 24 ep. Vol.: ta: Origin	071ecb.1ec Stored: Y serl Sampl 1.0 al Calib	es ====================================	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22	d: No 2000 3:08:43 : 
Method: TAL Results: 122 Sample Info Method Desc. Mean Data ID: CCV Sample Qty:  Element	LIST Low Level 2200B : 122200sb ription: TAL LIS 1.0000 g Mean Corr. Intensity	T Se Pr Da Mean Conc.	IEC: 06 Spectra User: U eq. No.: 24 ep. Vol.: ta: Origin Std.Dev.	071ecb.lec Stored: Y serl Sampl 1.0 al Calib Units	es 	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5ample Finits RSD
Method: TAL Results: 122 Sample Info Method Desc. Mean Data ID: CCV Sample Qty:  Element Y 360.073	LIST Low Level 2200B : 122200sb ription: TAL LIS 1.0000 g Mean Corr. Intensity 2292462.8	T Se Da Mean Conc. 5.0280	IEC: 06 Spectra User: U cq. No.: 24 ep. Vol.: ta: Origin Std.Dev. 0.01921	071ecb.1ec Stored: Y ser1 Samp1 1.0 al Calib Units mg/L	es ====================================	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5ample 7nits RSD 0.1
Method: TAL Results: 123 Sample Info Method Desc, TD: CCV Sample Qty: Element Y 360.073 Ag 338.289	LIST Low Level 2200B : 122200sb ription: TAL LIS 1.0000 g Mean Corr. Intensity 2292462.8 87680.4	T Se Pr Da Mean Conc. 5.0280 0.97972	IEC: 06 Spectra User: U cg. No.: 24 cep. Vol.: ta: Origin Std.Dev. 0.01921 0.005136	071ecb.lec Stored: Y serl Sampl 1.0 al Calib Units mg/L mg/L	es ====================================	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5ample . Inits RSD 0. 0.1
Method: TAL Results: 123 Sample Info Method Desc; Mean Data ID: CCV Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Mean Conc. 5.0280 0.97972 0.99005	IEC: 06 Spectra User: U eq. No.: 24 ep. Vol.: ta: Origin Std.Dev. 0.01921 0.005136 0.005076	071ecb.lec Stored: Y serl Sampl 1.0 al Calib Units mg/L mg/L mg/L	es ====================================	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5ample . Units RSD 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc. Mean Data ID: CCV Sample Qty: 	LIST Low Level 2200B : 122200sb ription: TAL LIS 1.0000 g Mean Corr. Intensity 2292462.8 87680.4 136556.5 12446.1	T Se Pr Da Conc. 5.0280 0.97972 0.99005 0.98887	IEC: 06 Spectra User: U eq. No.: 24 ep. Vol.: ta: Origin .0.01921 0.005136 0.005076 0.009209	071ecb.lec Stored: Y serl Sampl 1.0 al Calib Units mg/L mg/L mg/L mg/L	es ====================================	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5 ample 5 inits RSD 0. 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc. Mean Data ID: CCV Sample Qty: 	LIST Low Level 2200B : 122200sb ription: TAL LIS 1.0000 g Mean Corr. Intensity 2292462.8 87680.4 136556.5 12446.1 985.9	T Se Pr Da Mean Conc. 5.0280 0.97972 0.99005 0.98887 1.0125	IEC: 06 Spectra User: U eq. No.: 24 ep. Vol.: ta: Origin .0.01921 0.005136 0.005076 0.009209 0.00335	071ecb.lec Stored: Y serl Sampl 1.0 al Calib Units mg/L mg/L mg/L mg/L	es ====================================	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22	ed: No 2000 3:08:43 : 1.0: 2/2000 3:11:06 5ample . 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.
Method: TAL Results: 12: Sample Info Method Desc. Mean Data ID: CCV Sample Qty: Lement Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 168.979 B 249.677	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Conc. 5.0280 0.97972 0.99005 0.98887 1.0125 0.96950	IEC: 06 Spectra User: U 	071ecb.lec Stored: Y serl 	es ====================================	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22	ed: No 2000 3:08:43 2 1.0: 2/2000 3:11:06 5ample Juits RSD 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc. Mean Data ID: CCV Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Conc. 5.0280 0.97972 0.99005 0.9887 1.0125 0.96950 1.0280	IEC: 06 Spectra User: U :q. No.: 24 ep. Vol.: ta: Origin Std.Dev. 0.01921 0.005136 0.005076 0.009209 0.00335 0.008978 0.00738	071ecb.lec Stored: Y serl Sampl 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L	es ====================================	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5ample Juits RSD 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method: TAL Results: 122 Sample Info Method Desc. Mean Data ID: CCV Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 168.979 B 249.677 Ba 233.527 Be 313.107	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Mean Conc. 5.0280 0.97972 0.99005 0.98887 1.0125 0.96950 1.0280 0.99693	IEC: 06 Spectra User: U cq. No.; 24 ep. Vol.: ta: Origin Std.Dev. 0.01921 0.005136 0.005076 0.009209 0.00335 0.008978 0.00738 0.00738	071ecb.lec Stored: Y serl Sampl 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	es ====================================	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5ample 7nits RSD 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
Method: TAL Results: 122 Sample Info Method Desc. TD: CCV Sample Qty: Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.977 B 249.677 Ba 233.527 Be 313.107 Ca 430.253	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Mean Conc. 5.0280 0.97972 0.99005 0.98887 1.0125 0.96950 1.0280 0.99693 0.96368	IEC: 06 Spectra User: U cq. No.; 24 ep. Vol.: ta: Origin Std.Dev. 0.01921 0.005136 0.005076 0.009209 0.00335 0.008978 0.00738 0.00738 0.00738	071ecb.lec Stored: Y ser1 	es ====================================	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5ample 7nits RSD 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc. 	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Conc. 5.0280 0.97972 0.99005 0.98887 1.0125 0.96950 1.0280 0.99693 0.969368 1.1453	IEC: 06 Spectra User: U eg. No.: 24 tep. Vol.: tta: Origin Std.Dev. 0.01921 0.005136 0.005076 0.009209 0.00335 0.008978 0.00738 0.00738 0.00738 0.00738	071ecb.lec Stored: Y serl Sampl 1.0 al Calib Units mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	es e No.: 5 L Mean Conc	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22 S. Std.Dev. U	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5ample 7nits RSD 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
Method: TAL Results: 12: Sample Info Method Desc. Mean Data ID: CCV Sample Qty: 	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Conc. 5.0280 0.97972 0.99005 0.98887 1.0125 0.96950 1.0280 0.99693 0.96950 1.0280 0.99693 1.1453 Ca 317.933	IEC: 06 Spectra User: U eq. No.: 24 ep. Vol.: ta: Origin .0.01921 0.005136 0.005076 0.009209 0.00335 0.008978 0.00738 0.00738 0.00738 0.00738 0.00738	07:ecb.iec Stored: Y ser1 	es e No.: 5 L Mean Conc	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22 S. Std.Dev. U	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 3 ample 7 nits RSD 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc. Mean Data ID: CCV Sample Qty: 	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Mean Conc. 5.0280 0.97972 0.99005 0.98887 1.0125 0.96950 1.0280 0.96950 1.0280 0.96368 1.1453 Ca 317.933 0.99456	IEC: 06 Spectra User: U G. No.: 24 ep. Vol.: ta: Origin 	071ecb.lec Stored: Y ser1 	es e No.: 5 L Mean Conc	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22 S. Std.Dev. U	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5ample 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc. Mean Data ID: CCV Sample Qty:  Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 168.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 QC exceeds Cd 226.502 Co 228.616	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Mean Conc. 5.0280 0.97972 0.99025 0.98887 1.0125 0.96950 1.0280 0.99693 0.96368 1.1453 Ca 317.933 0.99456 1.0037	IEC: 06 Spectra User: U 	071ecb.lec Stored: Y ser1 	es e No.: 5 L Mean Conc	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22 S. Std.Dev. U	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 3 ample 7 nits RSD 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc. Method Desc. ID: CCV Sample Qty: Sample Qty: Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 168.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 *QC exceeds Cd 226.502 Co 228.616 Cr 267.716	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Conc. 5.0280 0.97972 0.99075 0.98887 1.0125 0.98887 1.0125 0.96950 1.0280 0.99693 0.96368 1.1453 ca 317.933 0.99456 1.0037 0.99775	IEC: 06 Spectra User: U 	071ecb.lec Stored: Y ser1 ====================================	es e No.: 5 L Mean Conc	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22 S. Std.Dev. U	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5ample 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc.	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Conc. 5.0280 0.97972 0.99005 0.98887 1.0125 0.96950 1.0280 0.96950 1.0280 0.96950 1.0280 0.99693 0.96368 1.1453 ca 317.933 0.99456 1.0037 0.99456 1.0037 0.99775 0.98668	IEC: 06 Spectra User: U G. No.: 24 ep. Vol.: ta: Origin Std.Dev. 0.01921 0.005136 0.005076 0.009209 0.00355 0.00929 0.00335 0.00923 0.00738 0.00738 0.00738 0.00738 0.00738 0.00738 0.00738 0.00738 0.00588 0.00588	071ecb.lec Stored: Y ser1 Sampl 1.0 al Calib Units mg/L	es e No.: 5 L Mean Conc	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22 S. Std.Dev. U	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5ample Juits RSD 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc. Desc. Desc. Desc. Desc. Mean Data ID: CCV Sample Qty: 	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Mean Conc. 5.0280 0.97972 0.99005 0.98887 1.0125 0.96950 1.0280 0.96950 1.0280 0.99693 0.96368 1.1453 Ca 317.933 0.99456 1.0037 0.99456 1.0037 0.99775 0.98668 1.1056	IEC: 06 Spectra User: U eq. No.; 24 ep. Vol.: ta: Origin Std.Dev. 0.01921 0.005136 0.005076 0.009209 0.00355 0.009209 0.00335 0.00923 0.00335 0.00923 0.00335 0.00738 0.00738 0.00738 0.00738 0.00738 0.005818 0.00504 2.005818 0.00102	071ecb.1ec Stored: Y ser1 	es e No.: 5 L Mean Conc	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22 Std.Dev. U	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5ample 7nits RSD 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc. Desc. Desc. Desc. Desc. Mean Data ID: CCV Sample Qty: 	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Mean Conc. 5.0280 0.97972 0.99005 0.98887 1.0125 0.96950 1.0280 0.96950 1.0280 0.99693 0.96368 1.1453 Ca 317.933 0.99456 1.0037 0.99456 1.0037 0.99775 0.98668 1.1056	IEC: 06 Spectra User: U eq. No.; 24 ep. Vol.: ta: Origin Std.Dev. 0.01921 0.005136 0.005076 0.009209 0.00355 0.009209 0.00335 0.00923 0.00335 0.00923 0.00335 0.00738 0.00738 0.00738 0.00738 0.00738 0.005818 0.00504 2.005818 0.00102	071ecb.1ec Stored: Y ser1 	es e No.: 5 L Mean Conc	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22 Std.Dev. U	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5ample 7nits RSD 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc. Method Desc. Sample Operation ID: CCV Sample Qty: CCV Sample Qty: CCV Sample Qty: Sample	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Conc. 5.0280 0.97972 0.99005 0.98887 1.0125 0.96950 1.0280 0.96368 1.1453 Ca 317.933 0.96368 1.1453 Ca 317.933 0.99456 1.0037 0.99775 0.98668 1.1056 Fe 302.107 1.1619	IEC: 06 Spectra User: U G. No.: 24 ep. Vol.: ta: Origin 	071ecb.1ec Stored: Y ser1 	es e No.: 5 L Mean Conc Action = Con	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22 S. Std.Dev. U	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5 ample 7 nits RSD 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc. Method Desc. Sample Operation ID: CCV Sample Qty: CCV Sample Qty: CCV Sample Qty: Sample	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Conc. 5.0280 0.97972 0.99005 0.98887 1.0125 0.96950 1.0280 0.96368 1.1453 Ca 317.933 0.96368 1.1453 Ca 317.933 0.99456 1.0037 0.99775 0.98668 1.1056 Fe 302.107 1.1619	IEC: 06 Spectra User: U G. No.: 24 ep. Vol.: ta: Origin 	071ecb.1ec Stored: Y ser1 	es e No.: 5 L Mean Conc Action = Con	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22 S. Std.Dev. U	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5 ample 7 nits RSD 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc. Method Desc. Sample Operation ID: CCV Sample Qty: CCV Sample Qty: CCV Sample Qty: Sample	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Conc. 5.0280 0.97972 0.99005 0.98887 1.0125 0.96950 1.0280 0.96368 1.1453 Ca 317.933 0.96368 1.1453 Ca 317.933 0.99456 1.0037 0.99775 0.98668 1.1056 Fe 302.107 1.1619	IEC: 06 Spectra User: U G. No.: 24 ep. Vol.: ta: Origin 	071ecb.1ec Stored: Y ser1 	es e No.: 5 L Mean Conc Action = Con	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22 S. Std.Dev. U	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5ample 5mits RSD 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc. Method Desc. Sample Operation ID: CCV Sample Operation Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 *QC exceeds Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 *QC exceeds Fe 238.204	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Mean Conc. 5.0280 0.97972 0.99005 0.98887 1.0125 0.96950 1.0280 0.96368 1.1453 Ca 317.933 0.96368 1.1453 Ca 317.933 0.96368 1.1453 Ca 317.933 0.99456 1.0037 0.98668 1.1056 Fe 302.107 1.1619 Fe 238.204	IEC: 06 Spectra User: U G. No.: 24 ep. Vol.: ta: Origin .ta: Origin .ta: Origin 0.005136 0.005076 0.009209 0.00335 0.009209 0.00335 0.009209 0.00335 0.009209 0.00335 0.009209 0.00335 0.009209 0.00335 0.009209 0.00506 0.0050888 0.00504 0.005818 0.00102 Recovery 0.00554 Recovery	071ecb.1ec Stored: Y ser1 	es e No.: 5 L Mean Conc Action = Con	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22 S. Std.Dev. U	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Method: TAL Results: 12: Sample Info Method Desc. Method Desc. ID: CCV Sample Qty: CCV Sample Qty: Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 QC exceeds Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 *QC exceeds Mg 279.077 Mn 257.610	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Conc. 5.0280 0.97972 0.99025 0.98887 1.0125 0.96950 1.0280 0.96368 1.1453 Ca 317.933 0.96368 1.1453 Ca 317.933 0.99456 1.0037 0.99775 0.98668 1.1056 Fe 302.107 1.1619 Fe 238.204 1.0174 1.0360	IEC: 06 Spectra User: U 	071ecb.1ec Stored: Y ser1 ====================================	es e No.: 5 L Mean Conc Action = Con	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22 S. Std.Dev. U	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5 ample 7 nits RSD 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc. Method Desc. ID: CCV Sample Qty: Sample Qty: Element Y 360.073 Ag 338.289 Ag 328.089 Ag 328.089 Ag 328.089 Ag 328.089 Ag 328.081 Sa 313.107 Ca 430.253 Ca 317.933 *QC exceeds Ca 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 *QC exceeds Fe 238.204 *QC exceeds Mg 279.077 Mn 257.610 Mo 202.031	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Conc. 5.0280 0.97972 0.99025 0.98887 1.0125 0.96950 1.0280 0.99693 0.96368 1.1453 Ca 317.933 0.99456 1.0037 0.99456 1.0037 0.99456 1.1056 Fe 302.107 1.1619 Fe 238.204 1.0174 1.0360 0.99014	IEC: 06 Spectra User: U 	071ecb.1ec Stored: Y ser1 ====================================	es e No.: 5 L Mean Conc Action = Con	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22 S. Std.Dev. U	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5 ample Juits RSD 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Method: TAL Results: 12: Sample Info Method Desc. Method Desc. ID: CCV Sample Qty: CCV Sample Qty: Element Y 360.073 Ag 338.289 Ag 328.068 Al 308.215 As 188.979 B 249.677 Ba 233.527 Be 313.107 Ca 430.253 Ca 317.933 QC exceeds Cd 226.502 Co 228.616 Cr 267.716 Cu 324.752 Fe 302.107 *QC exceeds Mg 279.077 Mn 257.610	LIST Low Level 2200B : 122200sb ription: TAL LIS 	T Se Pr Da Conc. 5.0280 0.97972 0.99025 0.98887 1.0125 0.96950 1.0280 0.96368 1.1453 Ca 317.933 0.96368 1.1453 Ca 317.933 0.99456 1.0037 0.99775 0.98668 1.1056 Fe 302.107 1.1619 Fe 238.204 1.0174 1.0360	IEC: 06 Spectra User: U 	071ecb.1ec Stored: Y ser1 	es e No.: 5 L Mean Conc Action = Con	MSF: Method Store Date: 12/22/ A/S Pos: 4 Dilution: Date: 12/22 S. Std.Dev. U	ed: No 2000 3:08:43 1.0: 2/2000 3:11:06 5 ample 7 nits RSD 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.

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## **APPENDIX D**

## CONTAMINATED SOIL: WEIGH TICKETS, WASTE PROFILE, AND WASTE MANIFESTS

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CHAFFEE LANDFILL	TICKET: 36094
	DATE: 12/13/2000 TIME: 11:34 - 11:45
MANIFEST: 2971	GROSS: 71680 LBS
<u>COMMODITY</u> UNIT AD2/COVER - CON T FUELSUR/FUEL SU T	<u>QNTY</u> 22.06
IN OPERATOR: SUSAN DRIVER:	OUT OPERATOR: SLISAN



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-	CHAFFEE LANDFILL. TICKET: 36051 DATE: 12/19/2000 TIME: 06:50 - 09:14
-	CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 65680 LBS COUNTY: NIAGARA / NIAGARA TARE: 27120 LBS TRUCK: LCA27 CUYDS: 0 NET: 38560 LBS TRAILER: TONS: 19.28 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2966
1	ROUTE: NA / Non App GRID: 28 / 961540 P.O.: COMMENT:
	COMMODITY UNIT ONTY AD2/COVER - CON T 19.28 FUELSUR/FUEL SU T
1	IN OPERATOR: SUSAN
	DRIVER: Am Whill
1	



# TICKET: 36064 CHAFFEE LANDFILL DATE: 12/19/2000 TIME: 09:08 - 09:51 CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 67140 LBS COUNTY: NIAGARA / NIAGARA TARE: 26700 LBS NET: 40440 LBS TRUCK: LCA25 CUYDS: 0 TONS: 20.22 TRAILER: PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2939 RCUTE: NA / Non App GRID: 28 / 961540 P.O.: COMMENT: <u>COMMODITY</u> UNIT ONTY AD2/COVER - CON T 20.22 FUELSUR/FUEL SU T OUT OPERATOR: SUSAN IN OPERATOR: SUSAN Dush DRIVER:



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CHAFFEE LANDFILL	TICKET: 36065 DATE: 12/19/2000 TIME: 09:28 - 10:0:
COUNTY: NIAGARA / NIAGARA	GROSS: 61100 LBS TARE: 26900 LBS NET: 34200 LBS TONS: 17.1 SOIL COVER
COMMODITY UNIT ONTY AD2/COVER - CON T 17.1 FUELSUR/FUEL SU T	
IN OPERATOR: SUSAN DRIVER: Millen Magan	OUT OPERATOR: SUSAN

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CHAFFEE LANDFILL		36082 12/19/20 10:09 -	
COUNTY: NIAGARA / NIAGARA TAI	NS: 21.	20 LBS	
TRUCK: LCA28 CUYDS: 0 NE	COVER	40 LBS	

COMMODITY	UNIT	QNTY
AD2/COVER - CON	т	21.37
FUELSUR/FUEL SU	-	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

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	CHAFFEE LAN 10860 OLEAN CHAFFEE, NEW YO (716) 496-50	NDFILL ROAD XRK 14030				
CHAFFEE LANDFILL		DH	Té:		4 97209 1 - 1	
CUSTOMER: 174-585 /LACKA GENERATOR: /Non App COUNTY: NIAGARA / NIAGAR TRUCK: LCA15	-	OF GROSS: TARE: NET:	278	60	LBS LBS LBS	

TRAILER: TONS: 18.89 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2952 ROUTE: NA / Non App GRID: 28 / 9G1540 P.O.: COMMENT:

COMMODITY UNIT ONTY AD2/COVER - CON T 18.89 FUELSUR/FUEL SU T

IN OPERATOR: SUSAN

OUT OPERATOR: SUSA

DRIVER:

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:	CHAFFEE LANDFILL TICKET: 36084 DATE: 12/19/2000 TIME: 10:11 - 11:	91. 21.
	CUSTDMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Noti App GROSS: 65640 LB5 COUNTY: NIAGARA / NIAGARA TARE: 27860 LBS TRUCK: LCA15 CUYDS: 0 NET: 37780 LBS TRAILER: TONS: 18.89 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2952 ROUTE: NA / Non App GRID: 28 / 9G1540 P.O.: COMMENT:	
	COMMODITY UNIT ONTY AD2/COVER - CON T 18.89 FUELSUR/FUEL SU T	
•	IN OPERATOR: SUSAN OUT OPERATOR: SUSA	161
	DRIVER: Mu	



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	CHAFFEE LANDFILL TICKET: 36096 0A72: 12/19/2000 TIME: 11:29 - 11:55
	CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 72880 LBS COUNTY: NIAGARA / NIAGARA TARE: 26380 LBS TRUCK: LCA27 CUYDS: 0 NET: 45900 LBS TRAILER: TONS: 22.95 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2967 ROUTE: NA / Non App GRID: 28 / 9G1540 P.O.: COMMENT:
-	COMMODITY UNIT ONTY AD2/COVER - CON T 22.95 FUELSUR/FUEL SU T
	IN OPERATOR: SUSAN OUT OPERATOR: SUSAN



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•	CHAFFEE LANDFILL TICKET: 36102 DATE: 12/19/2000 TIME: 11:57 - 12:22
	CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 71160 LBS COUNTY: NIAGARA / NIAGARA TARE: 26560 LBS TRUCK: LCA25 CUYDS: 0 NET: 44600 LBS .RAILER: TONS: 22.3 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2938 ROUTE: NA / Non App GRID: 28 / 961540 P.O.: COMMENT:
Ì	COMMODITY UNIT ONTY AD2/COVER - CON T 22.3 FUELSUR/FUEL SU T
:	IN OPERATOR: SUSAN DUT OPERATOR: JENNY JONES
	DRIVER: Deven



	36105 12/19/2000 12:08 - 12:31
 CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 680 COUNTY: NIAGARA / NIAGARA TARE: 267 TRUCK: LCA30 CUYDS: 0 NET: 413 TRAILER: TONS: 20. PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2945 ROUTE: NA / Non App GRID: 28 / 9G1540 P.O.: COMMENT:	20 LBS =
 <u>COMMODITY UNIT ONTY</u> AD2/COVER - CON T 20.66 FUELSUR/FUEL SU T	·
IN OPERATOR: JENNY JONES OUT OP DRIVER: Alle Allow	ERATOR: JENN(/ J.

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#### CHAFFEE LANDFILL TICKET: 36116 DATE: 12/19/2000 TIME: 12:53 - 13:1 CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 69480 LBS COUNTY: NIAGARA / NIAGARA TARE: 26600 LBS TRUCK: LCA28 CUYDS: 0 NET: 42880 LBS TONS: 21.44 TRAILER: PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2956 ROUTE: NA / Non App GRID: 28 / 901540 P.O.: COMMENT:

COMMODITY	UNIT	QNTY
AD2/COVER - CON	Т	21.44
FUELSUR/FUEL SU	т	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

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:	CHAFFEE LANDFILL	TICKET: 36117 DATE: 12/19/2000
• • •		TIME: 12:54 - 13:13
	CUSTOMER: 174-585 /LACKAWANNA, ( GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TRUCK: LCA15 CUYDS: TRAILER: PROF #: CR9471 / CONTAMINATE MANIFEST: 2953 ROUTE: NA / Non App GRID: 2 P.O.: COMMENT:	GRDSS: 68500 LBS TARE: 27780 LBS 0 NET: 40720 LBS TONS: 20.36 ED SOIL COVER
:	COMMODITY UNIT ONTY AD2/COVER - CON T 20.36 FUELSUR/FUEL SU T	
	IN OPERATOR: SUSAN DRIVER:	OUT OPERATOR: SUBAN



CHAFFEE LANDFILL		DAT	 23 19/2000 27 - 13	:36
CUSTOMER: 174-585 /LACKA GENERATOR: /Non App COUNTY: NIAGARA / NIAGAR	·	OF GROSS: TARE:		
TRUCK: LCA40	CUYDS: @		 LBS	
TRAILER: PROF #: CR9471 / CON MANIFEST: 2972	TAMINATED S	TONS: DIL COVER		
ROUTE: NA / Non App	GRID: 28 /	961540		

P.O.: COMMENT; COMMODITY UNIT ONTY

	UNII	
AD2/COVER - CON	Т	23.35
FUELSUR/FUEL SU	T	

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IN OPERATOR:	SUSAN	DUT OPERATOR: SUSAN
DRIVER:	7248	



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CHAFFEE LANDFILL	TICKET: 36129 EATE: 12/19/2000 TIME: 13:48 - 14:00
CUSTOMER: 174-585 /LACKAWANNA, GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TRUCK: LCA27 CUYDS: TRAILER: PROF #: CR9471 / CONTAMINAT MANIFEST: 2968 RDUTE: NA / Non App GRID: P.D.: COMMENT:	GROSS: 76260 LBS TARE: 26820 LBS 0 NET: 49440 LBS TONS: 24.72 ED SOIL COVER
COMMODITY UNIT ONTY AD2/COVER - CON T 24.72 FUELSUR/FUEL SU T	
IN OPERATOR: SUSAN	OUT OPERATOR: SUSAN



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:	CHAFFEE LANDFILL	TICKET: 36137 DATE: 12/19/2000 TIME: 14:11 - 14:28
:		
	CUSTOMER: 174-585 /LACKAWANNA, C GENERATOR: /Non App CCUNTY: NIAGARA / NIAGARA TRUCK: LCA25 CUYDS: TRAILER: PROF #: CR9471 / CONTAMINATE MANIFEST: 2940 ROUTE: NA / Non App GRID: 20 P.O.: COMMENT:	GROSS: 73200 LBS TARE: 26480 LBS 0 NET: 46720 LBS TONS: 23.36 D SUIL COVER
	COMMODITY UNIT ONTY AD2/COVER - CON T 23.36 FUELSUR/FUEL SU T	
	IN OPERATOR: SUSAN	OUT OPERATOR: SUSAN



CHAFFEE LANDFILL Y TICKET: 36151 DRTE: 12/19/2000 TIME: 14:37 - 14:5. CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 72580 LBS COUNTY: NIAGARA / NIAGARA TARE: 26640 LBS CUYDS: Ø TRUCK: LCA30 NET: 45940 LBS TONS: 22.97 TRAILER: PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2946 ROUTE: NA / Non App GRID: 28 / 961540 9.0.: COMMENT:

COMMODITY	UNIT	DNTY
AD2/COVER - CON	T	22.97
FUELSUR/FUEL SU	T	

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IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:



CHAFFEE LANDFILL	TICKET: 36162 DATE: 12/13/2000 TIME: 15:24 - 15:40
, ,	GROSS: 75780 LBS TARE: 26600 LBS NET: 49180 LBS TONS: 24.59 DIL COVER
COMMODITY UNIT ONLY	
AD2/COVER - CON T 24.59 FUELSUR/FUEL SU T	
IN OPERATOR: SUSAN	OUT OPERATOR: SUSAN

DRIVER:

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CHAFFEE LANDFILL	TICKET: 36165
	DALE: 15/13/5000
	TIME: 15:26 - 15:47
CUSTUMER: 174-585 /LACKAWANNA, CIT	Y OF
GENERATOR: /Non App	GROSS: 73900 LBS
COUNTY: NIAGARA / NIAGARA	TARE: 27740 LBS
TRUCK: LCA15 CUYDS: 0	NET: 46160 LBS
TRAILER:	TONS: 23.08
PROF #: CR9471 / CONTAMINATED MANIFEST: 2975	SOIL COVER
ROUTE: NA / Non App GRID: 28 P.O.: COMMENT:	/ 961540

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23.08

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

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CHAFFEE LANDFILL TICKET: 36303 DATE: 12/20/2000 TIME: 14:24 - 14:57

CUSTOMER: 174-585 /LACKAWANNA, CITY OF GROSS: 72420 L8S GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TARE: 26380 LBS TRUCK: LCA29 CUYDS: 0 NET: 46040 LBS TONS: TRAILER: 23.02 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2982 ROUTE: NA / Non App GRID: 28 / 961540 P.O.: COMMENT: 2982

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COMMODITY U	NIT_	QNTY
AD2/COVER - CON T		23.02
FUELSUR/FUEL GU T		

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

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DRIVER:

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	CHAFFEE LANDFILL	TICKET: 36301 DATE: 12/20/2000 TIME: 14:24 - 14:53
	COUNTY: NIAGARA / NIAGARA T TRUCK: LCA40 CUYDS: 0	NDSS: 78320 LBS TARE: 27240 LBS NET: 51080 LBS TONS: 25.54 COVER
	COMMODITY UNIT ONTY 902/COVER - CON T 25.54 FUELSUR/FUEL SU T	<u>.</u>
· · · · · · · · · · · · · · · · · · ·	IN OPERATOR: SUSAN	OUT OPERATOR: SUSAN



- - -

CHAFFEE LANDFILL TICKET: 36292 DATE: 12/20/2000 TIME: 14:04 - 14:20 CUSTOMER: 174-585 /LACKAWANNA, CITY OF COUNTY: NIAGARA / NIAGARA TRUCK: LC022 GROSS: 69940 LBS TARE: 25700 LBS TRUCK: LCA29 CUYDS: 0 NET: 43240 LBS TRAILER: TONS: 21.62 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2991 ROUTE: NA / Non App GRID: 28 / 961540 P.O.: COMMENT: 2991 COMMODITY UNIT ONTY AD2/COVER - CON T 21.62 FUELSUR/FUEL SU T IN OPERATOR: SUSAN OUT OPERATOR: SUSAN Al-Price DRIVER:

CHAFFEE LANDFILL
10550 OLEAN ROAD
CHAFFEE, NEW YORK 14030
(716) 496-5000

CHAFFEE LANDFILL

TICKET: 36194 DATE: 12/20/2000 TIME: 08:31 - 09:10

CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 72840 LBS COUNTY: NIAGARA / NIAGARA TARE: 28100 LBS TRUCK: LCA15 CUYDS: 0 NET: 44740 LBS TRAILER: TONS: 22.37 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: ROUTE: NA / Non App GRID: 28 / 9G1540 P.O.: COMMENT: 2976

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22, 37
FUELSUR/FUEL SU	Т	

IN OPERATOR: SUSAN Lun C OUT OPERATOR: SUSAN

DRIVER:



## CHAFFEE LANDFILL

141

TICKET: 36196 DATE: 12/20/2000 TIME: 08:58 - 09:15

CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 71280 LBS COUNTY: NIAGARA / NIAGARA TARE: 26900 LBS TRUCK: LCA25 CUYDS: 0 NET: 44380 LBS TRAILER: TONS: 22.19 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2941 ROUTE: NA / Non App GRID: 28 / 9G1540 P.O.: COMMENT: 2941

COMMODITY	UNIT	QNTY
ADE/COVER - CON	Т	22.19
FUELSUR/FUEL SU	ī	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN R Besch

DRIVER:

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1 - - - -	CHAFFEE LANDFILL	TICKET: 36203 DATE: 12/20/2000 TIME: 09:28 - 09:47
-	CUSTOMER: 174-585 /LACKAWANNA, CITY GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TRUCK: LCA30 CUYDS: 0 TRAILER: PROF #: CR9471 / CONTAMINATED SO MANIFEST: 2962 ROUTE: NA / Non App GRID: 28 / 1 P.O.: COMMENT: 2962	GRDSS: 70280 LBS TARE: 27000 LBS NET: 43280 LBS TONS: 21.64 IL COVER
	<u>COMMODITY UNIT ONTY</u> AD2/COVER - CON T 21.64 FUELSUR/FUEL SU T	
	IN OPERATOR: SUSAN DRIVER: Milline My and	OUT OPERATOR: SUSAN

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#### CHAFFEE LANDFILL TICKET: 36217 DATE: 12/20/2000 TIME: 09:59 - 10:18 CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA GRDSS: 66700 LBS TARE: 25780 LBS NET: 39920 LBS TRUCK: LCA28 CUYDS: 0 TON5: 19.96 TRAILER: PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2990 ROUTE: NA / Non App GRID: 28 / 961540 P.O.: COMMENT: 2980 COMMODITY UNIT ONTY 11 AD2/COVER - CON T 19.96 FUELSUR/FUEL SU T

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IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:



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	CHAFFEE LANDFILL	TICKET: 36221 DATE: 12/20/2000 TIME: 10:23 - 10:3+
	CUSTOMER: 174-585 /LACKAWANNA, CITY GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TRUCK: LCA40 CUYDS: 0 TRAILER: PROF #: CR9471 / CONTAMINATED S MANIFEST: 2973 ROUTE: NA / Non App GRID: 28 / P.O.: COMMENT: 2973	GROSS: 70640 LBS TARE: 27740 LBS NET: 42900 LBS TONS: 21.45 OIL COVER
	COMMODITY UNIT ONTY AD2/COVER - CON T 21.45 FUELSUR/FUEL SU T	
I	IN OPERATOR: SUSAN	OUT OPERATOR: SUSA
: !	DRIVER:	- ð



CHAFFEE LANDFILL		DA		241 20/2000 58 - 11:	:21
CUSTOMER: 174-585 /LAG GENERATOR: /Non App COUNTY: NIAGARA / NIAU TRUCK: LCA27 TRAILER: PROF #: CR9471 / C MANIFEST: 3191 ROUTE: NA / Non App P.O.: COMMENT: 3191	GARA CUYDS: Ø	GROSS: TARE: NET: TONS: OIL COVER	27020 42440 21.22	LBS	

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COMMODITY	UNIT	QNTY	 
AD2/COVER - CON	Ţ	21.22	
FUELSUR/FUEL SU	Т		

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

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DRIVER:

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CHAFFEE LANDFILL	TICKET: 36242 DAYE: 12/20/2000 TIME: 11:00 - 11:24
CUSTOMER: 174-585 /LACKAWANNA, CITY GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TRUCK: LCA29 CUYDS: 0 TRAILER: PROF #: CR9471 / CONTAMINATED 9 MANIFEST: 2990 ROUTE: NA / Non App GRID: 28 / P.O.: COMMENT: 2990	GROSS: 66180 LBS TARE: 26620 LBS NET: 39560 LBS TONS: 19.78 SOIL COVER
COMMODITY UNIT ONTY AD2/COVER - CON T 19.78 FUELSUR/FUEL SU T	
IN OPERATOR: SUSAN DRIVER: Mana	OUT OPERATOR: SUSAN



### CHAFFEE LANDFILL

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> TICKET: 36246 DATE: 12/20/2000 TIME: 11:08 - 11:32

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CUSTOMER: 174-585 /LACKA	WANNA, CI	<b>T</b> Y	0F		
GENERATOR: /Non App			GROSS:	69220	LBS
COUNTY: NIAGARA / NIAGAR	A		TARE:	28000	LBS
TRUCK: LCA15	CUYDS: 0	<u>ð</u>	NET:	41220	LBS
TRAILER:			TONS:	20.61	
PROF #: CR9471 / CON	TAMINATE	) SC	DIL COVE	Ŕ	
MANIFEST: 2977					
ROUTE: NA / Non App	GRID: 20	3 /	9G1540		
P.O.:					
COMMENT: 2977					

COMMODITY	UNIT	QNTY
AD2/COVER - CON	Ŧ	20.61
FUELSUR/FUEL SU	Т	

IN OPERATOR:	SUSAN	
DRIVER:	Jan	Ċ

OUT OPERATOR: SUSAN



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1	CHAFFEE LANDFILL	TICKET: 36248
		DATE: 12/20/2000
		TIME: 11:19 - 11:40
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	CUSTOMER: 174-585 /LACKAWANNA, CITY	
	GENERATOR: /Non App	GROSS: 73140 LBS
		TARE: 26740 LBS
	TRUCK: LCA25 CUYDS: Ø	NET: 46400 L8S
	TRAILER:	TONS: 23.2
1	PROF #: CR9471 / CONTAMINATED S	DIL COVER
i	MANIFEST: 3166	
i	ROUTE: NA / Non App GRID: 28 /	961540
ł	P.O.:	•
	COMMENT: 3166	
1		
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:	COMMODITY UNIT ONTY	
	AD2/COVER - CON T 23.2	
	FUELSUR/FUEL SU Th	
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:		
	IN OPERATOR: SUSAN	OUT OPERATOR: SUSAN
:	$\Omega \Omega$	/
i	- FGU	ish
	DRIVER:	
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FUELSUR/FUEL SU T

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CHAFFEE LANDFILL	TICKET: 36253 DATE: 12/20/2000 TIME: 11:36 ~ 11:58
CUSTOMER: 174-585 /LACKAWANNA, CI GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TRUCK: LCA30 CUYDS: 0 TRAILER: PROF #: CR9471 / CONTAMINATED MANIFEST: 2963 RDUTE: NA / Non App GRID: 28 F J.:	GROSS: 75600 LBS TARE: 26860 LBS NET: 48740 LBS TONS: 24.37 SOIL COVER
COMMENT: 2963 <u>COMMODITY</u> <u>UNIT ONTY</u> AD2/COVER - CON T 24.37	

IN OPERATOR: SUSAN	דנס	OPERATOR:	\$USA:-
DRIVER: Allano	Nycast	<b></b> .	



CHAFFEE LANDFILL

TICKET: 36262 DATE: 12/20/2000 TIME: 12:17 - 12:3+

CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 75080 LBS COUNTY: NIAGARA / NIAGARA TARE: 26620 LBS TRUCK: LCA28 CUYDS: 0 NET: 49460 LBS TRAILER: TONS: 24.73 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2981 ROUTE: NA / Non App GRID: 28 / 961540 P. G. : COMMENT:

fuil moore

COMMODITY UNIT ONTY AD2/COVER - CON T 24,73 FUELSUR/FUEL SU T

IN OPERATOR: JENNY JONES OUT OPERATOR: JENNY JONES

DRIVER:



CHAFFEE LANDE	TLL	TICKET:	36263	
		DATE:	12/20/2	000
		TIME:	12:18 -	12:36

CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 79000 LBS COUNTY: NIAGARA / NIAGARA TARE: 27440 LBS CUYDS: 0 NET: 51560 LBS TRUCK: LCA40 TRAILER: TONS: 25.78 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: ROUTE: NA / Non App GRID: 28 / 961540 P.O.: COMMENT: 2987

COMMODITY	UNIT	QNTY
AD2/COVER - CON	Т	25.78
FUELSUR/FUEL SU	Т	

IN OPERATOR: JENNY JONES

OUT OPERATOR: JENNY

DRIVER:

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ļ	CHAFFEE LANDFILL	TICKET:		
		DATE:	12/20/2000	
		TIME:	13:34 - 13:5	53
	CUSTOMER: 174-585 /LACKAWANNA, CITY OF	F		
	GENERATOR: /Nan App GR	RDSS: 74	040 LBS	
	COUNTY: NIAGARA / NIAGARA	TARE: 27	760 LBS	
	TRUCK: LCA15 CUYDS: 0			
		TONS: 23		
	PROF #: CR9471 / CONTAMINATED SOIL		• 1 7	
	MANIFEST: 2978			
	ROUTE: NA / Non App GRID: 28 / 90	G1540		
í	P.O.:			
	COMMENT: 2978			
I				
•				
	COMMODITY UNIT ONTY			
	AD2/COVER - CON T 23.14			
	FUELSUR/FUEL SU T			
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	IN COERCICE, CUSON		DEPATOR, ENC	• • •

Jan C

IN OPERATOR: SUSAN

OUT OPERATOR: SUSPA

DRIVER:

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	CHAFFEE LANDFILL	TICKET: 36281
		DATE: 12/20/2000
1		TIME: 13:55 - 13:56
:		
	CUSTOMER: 174-585 /LACKAWANNA, CI	
'	GENERATOR: /Non App	GRDSS: 71260 LBS Manuel
:	COUNTY: NIAGARA / NIAGARA	TARE: 26560 LBS Manual
	TRUCK: LCA25 CUYDS: @	NET: 44700 LBS
:	TRAILER:	TONS: 22.35
!		
ł	PROF #: CR9471 / CONTAMINATED	SUIL COVER
'	MANIFEST: 3167	
:	ROUTE: NA / Non App GRID: 28	/ 961540
;	P.O.:	
	COMMENT: 3167	
1		
	COMMODITY UNIT ONTY	
-	AD2/COVER - CON T 22.35	
	FUELSUR/FUEL SU T	
	FUCCOURTFUEL SU I	
1		
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1		
	IN OPERATOR: SUSAN	OUT OPERATOR: SUSAN
	$\sim$	-

DRIVER: A Bush

CHAFFEE LANDFILL 10860 OLEAN ROAD CHAFFEE, NEW YORK 14030 (716) 496-5000

CHAFFEE LANDFILL	ì	TICKET:	36276
	(	DATE:	12/20/2000
	1	TIME:	13:26 - 13:40

CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 70380 LBS COUNTY: NIAGARA / NIAGARA TARE: 26780 LBS TRUCK: LCA27 CUYDS: 0 NET: 44200 LBS TRAILER: TONS: 22.1 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2993 ROUTE: NA / Non App GRID: 28 / 9G1540 P.O.: COMMENT: 2993

COMMODITY	UNIT	QNTY	
ADS/COVER - CON	I T	22, 1	
FUELSUR/FUEL SU	ΙT		

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

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CHAFFEE LANDFILL TICKET: 36296 DATE: 12/20/2000 TIME: 13:49 - 14:03

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CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 70400 LBS COUNTY: NIAGARA / NIAGARA TARE: 26660 LBS TRUCK: LCA30 CUYDS: 0 NET: 43740 LBS TRAILER: TONS: 21.87 FROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: ROUTE: NA / Non App GRID: 28 / 961540 P.O.: COMMENT:

COMMODITY	UNIT	ONTY	 
AD2/COVER - CON	T	21.87	
FUELSUR/FUEL SU	т		

IN OPERATOR:	: syspn	OUT	OPERATOR:	SUSAN
DRIVER:	ViaeNin			



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COUNTY: NIAGARA / NIAGARA TAI TRUCK: LCA27 CUYDS: 0 N	S: 22.01 OVER
AD2/COVER - CON T 22.01 FUELSUR/FUEL SU T	
IN DECKTOR: SCON	OUT OPERATOR: SUSA
DRIVER: John Brook	





CHAFFEE LAMOFILL

TICKET: 26429 DATE: (2/21/2000 TINE: 12:58 - 13:1)

CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 70460 LBS COUNTY: NIAGARA / NIAGARA TARE: 26760 LBS TRUCK: LCA30 CUYDS: 0 NET: 43700 LBS TRAILER: TONS: 21.85 PRUF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 3010 ROUTE: NA / Non App GRID: 26 / 961340 P.O.: COMMENT: 3010

COMMODITY	UNIT	RN FY
AD2/COVER - CON FUELSUR/FUEL SU		21.65
I decourt dec de	•	

IN GPERATOR:	SUSAN	OUT	OPERATOR:	SUSPI
DRIVER:	Quare Mica			



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CHAFFEE LANDFILL TICKET: 36477 DATE: 12/21/2000 TIME: 15:32 - 15:43

CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 69020 LBS COUNTY: NIAGARA / NIAGARA TARE: 26420 LBS TRUCK: LCA25 CITYOS: 0 NET: 42600 LBS TRAILER: TONS: 21.3 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 3171 ROUTE: NA / Non App GRID: 26 / 961540 P.O.: COMMENT: 3171

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T T	21.3
FUELSUR/FUEL SU	7	

Bush

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

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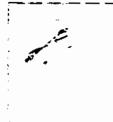
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CHAFFEE LANDFILL TICKET: 36473 DATE: 12/21/2000 TIME: 15:05 - 15:1

CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 63700 LBS COUNTY: NIAGARA / NNAGARA TAKE: 27320 LBS TRUCK: LCA40 CUYDS: 0 NET: 38380 LBS TRAILER: TUNS: 18.19 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 3003 ROUTE: NA / Non App GRID: 28 / 961540 P.O.: COMMENT: 3003

COMMODITY	UNIT	QNTY
AD2/COVER - CON	Ţ	18.19
FUELSUR/FUEL SU	T	

IN OPERATOR: SUSAN	OUT CRERATOR: SUSAR
DRIVER:	/ D



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10860 OLEAN ROAD CHAFFEE, NEW YORK 14030 (716) 498-5000

CHAFFEE LANDFILL

YICKET: 38470
BATE: 12/21/2000
TIME: 14:54 - 15:18

CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 67500 LBS CGUNTY: NIAGARA / NIAGARA TARE: 26420 LBS TRUCK: LCA29 CUYDS: 0 NET: 41080 LBS TRAILER: TONS: 20.54 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2959 ROUTE: NA / Non App GRID: 28 / 9G1540 P.O.: COMMENT: 2959

COMMODITY	UNIT	RNTY
AD2/COVER - CON	T	20.54
FUELSUR/FUEL SU	Т	

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

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CHAFFEE LANDFILL

TILKET: 36467 DATE: 12/21/2000 TIME: 14:50 - 15:04

CUSTOMER: 174-585 /LACKAWENNA, CITY OF GROSS: 68660 LBS GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TARE: 25840 LBS CUYDS: 0 NET: 41820 LBS TRUCK: LCA27 TANS: 20.91 TRAILER: PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 3194 ROUTE: NA / Non App GRID: 28 / 961540 P.O.: COMMENT: 3194

COMMODITY	UNIT	QNTY
AD2/COVER - CON	т	20.91
FUELSUR/FUEL SU	т	

IN OPERATOR: SUSAN DUT OPERATOR: SUSAN DRIVER:



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CHARIEE LANDE (UL		DA		59 /21/2000 :25 - 14:38
CUSTUMER: 174-585 /LACK	AWANNA, CITY	OF GROSS:	68120	LBS
COUNTY: ERIE / ERIE			26660	
TRUCK: LCA28 TRAILER:	CUYDS: 0		41460 20.73	LBS
MANIFEST: 2985 ROUTE: NA / Non App P.C.: COMMENT:	GRID: 28 /	961540		
COMMODITY UNIT D	<u>NTY</u>			
AD2/COVER - CON T 2 FUELSUR/FUEL SU T	0.73			

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IN OPERATOR:	SUSAN	OUT	OPERATOR:	SUSA
DRIVER:	Jain Mayon			
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CHAFFEE LANDFILL TICKET: 36452 OATE: 12/21/2003 TIME: 14:07 - 14:2; CUSTOMER: CONTENT OF GROUP: CITY OF GROUP: FRIE / FRIE TARE: 27780 LBS TRUCK: LCA15 CUYDS: 0 NET: 44720 LBS TRAILER: TONS: 22.36 MANIFEST: 3196 ROUTE: NA / Non App GRID: 28 / 961340 P.O.: COMMENT:

COMMODITY UNIT	QNTY	
AD2/COVER - CON T	22.36	
FUELSUR/FUEL SU T		

IN OPERATOR	: SUSAN	OUT	OPERATOR:	SUSAN
DRIVER:	John Brook			<del></del>



CHARFEE LANDFILL

TICKET: 36425 DATE: 12/21/2000 TIME: 12:48 - 12:55

CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 71440 LBS COUNTY: NIAGARA / NIAGARA TARE: 26620 LBS TRUCK: LCA25 CUY05: 0 NET: 44820 LBS TRAILER: TONS: 22.41 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 3170 ROUTE: NA / Non App GRID: 28 / SG1540 2.0.: COMMENT: 3170

COMMODITY UNIT ONLY PD2/COVER - CON T 22.41 FUELSUR/FUEL SU T

IN OPERATOR: SUCHE:

OUT OPERATOR: SUBAL USUAL

DRIVER:



## CHAFFEE LANDFILL

TICKET: 36419 04/E: 12/21/2000 TimE: 12:17 - 12:54

CUSTOMER: 174-585 /LACKAWANMA, CITY OF GENERATOR: /Non App GROSS: 75380 LBS COUNTY: NIAGARA / NIAGARA TARE: 27440 LBS TRUCK: LCA40 CUYDS: 0 NET: 47920 LBS TRAILER: TONS: 23.96 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 3002 ROUTS: NA / Non App GRID: 28 / 9G1540 P.O.: COMMENT: 3002

COMMODITY	UNIT	GNTY
ADS/COVER - CON	T	23.96
FUELGUR/FUEL SU	i	

IN CRERATOR: SUSAN

CUT OFERATOR: SUSAN

DRIVER:



CHAFFEE LANDFILL

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TICKET: 36414 DATE: 12/21/2000 TIME: 12:11 - 12:23

CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROES: 75640 LBS COUNTY: NIAGARA / NIAGARA TARS: 28960 LBS TRUCK: LCA27 NET: 48680 LBS CUYDS: 0 TRAILER: TONS: 24.34 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 3193 ROUTE: NA / Non App GRID: 28 / 961540 P.O.: COMMENT: 3193

COMMODITY	UNIT	0NTY
AD2/COVER - CON	T	24.34
FUELSUR/FUEL SU	т	

IN OPERATOR:	SUSAN (	1 1 1007	OPERATOR: SUSAD
DRIVER:		Juppy 1	·



CHAFFEE LANDFILL TICKET: 36410 DATE: 12/21/2000 TIME: 11:37 - 11:54

CUSTOMER: 174-585 /LACKAWANNA, CITY OF GROSS: 70780 LBS GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TARE: 26580 LBS TRUCK: LCA29 CUYDS: 0 NET: 44200 LBS 22.1 TONS: TRAILER: PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2958 GRID: 25 / 361540 ROUTE: NA / Non App P.O.: COMMENT: 2958

CONMODITY UNIT ONLY AD3/COVER - CON T 23.1 FUELSUR/FUEL SU T

IN OPERATOR: SUSAN

DUT OPERATOR: SUSAN

DRIVER:

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CHAFFEE LANDF(LL	TICKET: 36408				
	DATE: 12/21/2000				
	TIME: 11:25 - 11:39				
	· · · · · · · · · · · · · · · · · · ·				
CUSTOMER: 174-585 /LACKAWANNA, CI					
GENERATOR: /Non App	GROSS: 74100 LBS				
COUNTY: NIAGARA / NIAGARA	TARE: 26780 LBS				
TRUCK: LCA28 CUYDS: 0	NET: 47320 LBS				
TRAILER:	TONS: 23.66				
PROF #: CR9471 / CONTAMINATED	SOIL COVER				
MANIFEST: 2984					
ROUTE: NA / Non App GRID: 28	/ 961540				
P.Q.:					
COMMENT: 2984					

COMMODITY UNIT	ONTY	
AD2/COVER - CON T	23.66	
FUELSUR/FUEL SU T		

IN OPERATOR: SUSAN

CUT OPERATOR: SUSAM

DRIVER:

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Jona Mayer



CHAFFEE LANDFILL

TICKET: 36403 DATE: 12/21/2000 TIME: 11:09 - 11:21

CUSTOMER: 174-835 /LACKAWANMA, CITY OF GENERATOR: /Non App GROSS: 74360 LBS COUNTY: NIAGARA / NIAGARA TARE: 27860 LBS TRUCK: LCA15 CUYOS: 0 NE1: 46500 LBS TRAILER: TONS: 23.25 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 3195 ROUTE: NA / Non App GRID: 28 / 961540 P.O.: COMMENT: 3195

COMMODITY UNIT ONTY AD2/COVER - CON T 23.25 FUELSUR/FUEL SU T

IN OPERATOR: SUGAN

CUT OPERATOR: SUSA

DRIVER:

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CHAFFEE L	ANDF I'LL				35399 12/21/ 10:52	 
CUSTEMER:	174-585	ИЦАСКАНАМИА,	CITY	٥F		

GENERATOR: /Non App	GROSS:	71140	LBS
COUNTY: NIAGARA / NIAGARA	TARE :	26800	LBS
TRUCK: LCA30 CUYDS: 0	D NET:	44340	LBS
TRAILER:	TONS:	22.17	
PROF #: CR9471 / CONTAMINATE	D SOIL COVES	۹	
MANIFEST: 3009			
ROUTE: NA / Non App GRID: 26	8 / 9G1540		
P.O. 1			
COMMENT: 3009			

COMMODITY	UNIT	QNTY
AD2/COVER - CON	T	22.17
FUELSUR/FUEL SU	Ŧ	

IN OPERATOR: SUSAN Qua lipa OUT OPERATOR: SUSAN

DRIVER:

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CHREFEE LANDER!

TICLET: 15392 DATE: 12/21/2000 TIME: 10:40 - 10:5:

CUSTOMER: 174-565 /LACKAWANNA, CITY OF GROSS: 72180 LBS GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TARE: 26680 LBS CUYDS: 0 TRUCK: LCA25 NET: 45500 LBS TONS: 22.75 TRAILER: PROF #: CR9471 / CONTRMINATED SOIL COVER MANIFEST: 3169 ROUTE: NA / Non App GRID: 26 / 961540 Ρ.Ο.: COMMENT: 3159

COMMODITY	UNIT .	QNTY
AD2/COVER - CON	T	22.75
FUELSUR/FUEL SU	ī	

IN OPERATOR: SUSAN

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OUT OPERATOR: SUBA

DRIVER:



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CHAFFEE LANDFILL	TICKET: 36384 - DATE: 12/21/2000 TIME: 10:21 - 10:31
CUSTOMER: 174-585 /LACKA GENERATOR: /Non App COUNTY: NIAGARA / NIAGAA TRUCK: LCA40 TRAILER: PROF #: CR9471 / CON MANIFEST: 2989 ROUTE: NA / Non App P.G.: COMMENT: 2989	GROSS: 75620 LBS RA TARE: 27520 LBS CUYDS: 0 NET: 48100 LBS TONS: 24.05 ITAMINATED SOIL COVER
COMMODITY UNIT QN AD2/COVER - CON T 24 FUELSUR/FUEL SU T	ITY 05
IN OPERATOR: SUSAN DRIVER:	OUT OPERATOR: SUSA

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CHAFFEE LANDFILL TICKET: 36376 DATE: 12/21/2000 TIME: 09:41 - 10:03

CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 76220 LBS COUNTY: NIAGARA / NIAGARA TARE: 27060 LBS TRUCK: LCA27 CUYDS: 0 NET: 49160 LBS TRAILER: TONS: 24.58 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 3192 ROUTE: NA / Non App GRID: 28 / 9G1540 P.O.: COMMENT: 3192

COMMODITY	UNIT	ONTY
AD2/COVER - CON FUELSUR/FUEL SU		24.58
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IN OPERATOR: SUSAN

DUT OPERATOR: SUSAN

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DRIVER:

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CHAFFEE LANDFILL TICKET: 36370 DATE: 12/21/2000 TIME: 09:19 - 09:33
 CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 66440 LBS COUNTY: NIAGARA / NIAGARA TARE: 26720 LBS TRUCK: LCA29 CUYDS: 0 NET: 39720 LBS TRAILER: TONS: 19.86 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2992 ROUTE: NA / Non App GRID: 28 / 9G1540 P.O.: COMMENT: 2992
 COMMODITY UNIT ONTY AD2/COVER - CON T 19.86 FUELSUR/FUEL SU T
 IN OPERATOR: SUSAN OUT OPERATOR: SUSAN DRIVER:



CHAFFEE LANDFILL TICKET: 36366 CATE: 12/21/2000 TIME: 09:04 - 09:23

CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Nen App GROSS: 71760 LBS COUNTY: NIAGARA / NIAGARA TARE: 26880 LBS TRUCK: LCA28 CUYDS: 0 NET: 44080 LBS TRAILER: TONS: 22.44 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2983 ROUTE: NA / Non App GRID: 29 / 961540 P.O.: COMMENT: 2983

COMMODITY	UNIT	DNTY		
AD2/COVER - CON	Т	22.44	 	
FUELSUR/FUEL SU	Ť			

IN OPERATOR: SUSAN

OUT OPERATOR: SUSAN

DRIVER:

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1086 CHAFFEE	FEE LANDFILL 0 OLEAN ROAD . NEW YORK 14030 (6) 496-5000
CHAFFEE LANDFILL	TICKET: 36363 DATE: 12/21/2000 TIME: 08:56 - 09:13
CUSTOMER: 174-585 /LACKAWANNA, GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TRUCK: LCA15 CUYDS TRAILER: PROF #: CR9471 / CONTAMINA MANIFEST: 2973 ROUTE: NA / Non App GRID: P.O.: COMMENT: 2979	GRDSS: 69760 LBS Manua TARE: 27980 LBS : 0 NET: 41780 LBS TCNS: 20.89 TED SOIL COVER
COMMODITY UNIT ONTY AD2/COVER - CON T 20.89 FUELSUR/FUEL SU T	
IN OPERATOR: SUSAN DRIVER: John Br	OUT OPERATOR: SUSAN
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TICKET: 36356 DATE: 12/21/2000 TIME: 08:33 - 08:50

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CUSTOMER: 174-585 /LACKAWANNA, CITY OF GROSS: 70520 LBS GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TARE: 26880 LBS TRUCK: LCA30 CUYDS: 0 NET: 43640 LBS TRAILER: TONS: 21.82 / CONTAMINATED SOIL COVER PROF #: CR3471 MANIFEST: 2965 ROUTE: NA / Non App GRID: 28 / 901540 P.O.: COMMENT: 2985

 COMMODITY
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 AD2/COVER
 CON T
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IN CREATOR:	SUSER	0U7	OPERATOR:	SUSAN
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DRIVER:	Kulan Nacan			
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	10000 Chaffee.	MANACIENEENT EE LANDFILL OLEAN ROAD NEW YORK 14030 1) 496-5000
	CHAFFEE LANDFILL	TICKET: 36355 DATE: 12/21/2000 TIME: 08:23 - 08:40
	CUSTOMER: 174-585 /LACKAWANNA, GENERATOR: /Non App COUNTY: NIAGARA / NIAGARA TRUCK: LCA25 CUYDS: TRAILER: PROF #: CR9471 / CONTAMINAT MANIFEST: 3168 ROUTE: NA / Non App GRID: P.O.: COMMENT: 3168	5ROSS: 72240 LBS TARE: 26760 LBS 0 NET: 45480 LBS TONS: 22.74
	COMMODITY UNIT ONTY AD2/COVER - CON T 22.74 FUELSUR/FUEL SU T	
- · ·	IN OPERATOR: SUSAN	OUT OPERATOR: SUSAN

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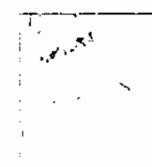
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iiChei: 36349 DATE: 12/21/2000 TIME: 08:16 - 02:20

CUS/OMER: 174-583 /LACKAWANNA, CITY OF GENERATOR: /Non App GR055: 78460 LBS COUNTY: NIAGARA / NIAGARA TARE: 27580 LBS CUYDS: Ø TRUCK: LCR40 NET: 50880 LBS TRAILER: TDNS: 25.44 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 2974 ROUTE: NA / Non App GRID: 28 / 961540 P.O.: COMMENT: 2974 \*

<u>COMMODITY</u>	UNIT	QNTY
AD2/COVER - CON	Ť	25.44
FUELSUR/FUEL SU	Т	

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DRIVER: ACTO	



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	CHAFFEE LANDFILL TICKET: 36664 DATE: 12/26/2000 TIME: 13:09 - 13:25
	CUSTOMER: 174-565 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 61700 LBS COUNTY: NIAGARA / NIAGARA TARE: 26640 LBS TRUCK: LCA2S CUYOS: 0 NET: 35060 LBS TRAILER: TONS: 17.53 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 3189 ROUTE: NA / Non App GR(D: 28 / 961540 P.O.: COMMENT: 3189
	COMMODITY UNIT WHTY AD2/COVER - CON T 17,53
ł	IN OPERATOR: JENNY JONES OUT OPERATOR: SUSAN
	DRIVER:
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TICKET: 38633 DATE: 12/26/2000 TIME: 10:44 - 10:59

CUSTOMER: 17+-585 /LACKAWARNA, CITY OF GENERATOR: /Non 9pp GEOSS: 62960 LBS COUNTY: NIAGARA / NIAGARA TARE: 26900 LBS TRUCK: LCA25 CUYDS: 0 NET: 36060 LBS TRAILER: TONS: 18.03 PROF #: CR3471 / CONTAMINATED SOIL COVER 2 MANIFEST: 3190 ROUTE: NA / Non App GRID: 28 / 901540 P.O.: COMMENT: 3:90

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ADS/COVER - C	DN T	15, 93	

IN OPERATOR: SUSAN	DUT OPERATOR: SUSAM
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DRIVER:	1 Vale



CHAFFEE LANDFILL TICKET: 36700 DATE: 12/26/2000 TIME: 15:32 - 15:47 CUSTOMER: 174-585 /LACKAWANNA, CITY OF GENERATOR: /Non App GROSS: 76240 LBS COUNTY: NIAGARA / NIAGARA TARE: 29800 LBS CUYDS: 0 NET: 46440 LBS TRUCK: LCA36 TRAILER: TONS: 23.22 PROF #: CR9471 / CONTAMINATED SOIL COVER MANIFEST: 3161 RDUTE: NA / Non App GRID: 28 / 961540 Ρ.Ο.: COMMENT: 3161

COMMODITY	UNI	<u>T ÛNTY</u>	
AD2/COVER	~ CON T	53,55	

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IN OPERATOR: SUSAN

OUT OPERATOR: SUSAR

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DRIVER:

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	SLC ENVIROMENTAL SERV	ICES	716 433 0602	P.02/03
WASTE MANAGEM	ANT GENERATOR'S WA CHAFFEE L		EET	
Service Agreement on File Negardates Neg-M	TSCA		ndia Number: Wiki Iangwał Data:	<u>CR9471</u>
5. Facility City: 7. Zip/Postel Code: 9. County: 11. Customer Name:	Cry of Lackandania A Strat + Dono - Lacka	10. State/Fre	(	
13. Customer Contact: 15. Billing Address 395 2010/06/05/2000 16/6000 1. Description 2. Name of Waste:	MILL ST. LOCKPORT. NY			Same as above
3. Proces Generali	MALE NATIVE	Soil + FILL Se	111.5	
BLOCK	d. Serong odor a. Physik (describe): Sol Ga	ا متحقق ا	ayers g. JSingle Layer Multi-layer	Free Rould range
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	10 30 %	rige Constituents		Concentration Ray
SILT	10 - 20 %			
k. Doxidizer Cardinogen	Pyrophotic Infectious aprevented by this profile contain a	Explasive Shock Sansitive any of the carcisrogens w	Radioactive Water Reactive Nich require OSHA	<b>*</b>
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Waste Management of New York, LLC Permit 9A 10860 Olean Road 🐳 . . . . WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2938 Time: 10.1050 OUT-1105 Date: 12-19-01 Generator: Lacka wanna BUSINESS NYS. DEC R- 0080-9 OIKe. TUrn 2560 Itam burg Waste Non haz SOL Description: 22.30 Quantity: . Location. Z۵ ÷. Bush Truck #: Driver\_ 361 TSDF Facility: Received By: Sec. 7. 187 8 4 27. 21. 1.1 Sec. 1 Permit 9A Ld #2 Waste Management of New York, LLC -\* 10860 Oldan Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2939 Time: IN 755 19-00 Å Date: \_\_\_\_ 15USINES & r Liwanna Generator: TURNDIK mbura Mg DEC B- 0080-Waste HAZArdous Soll Description:  $\Delta$ Location: Quantity: Bush Truck #: <u>AZ</u> 11 Driver\_ TSDF Facility Received By: \_ Date: - ( - ) . . .

Waste Management of New York, LLC Permit 9A 1 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2940 Time 11 140 Date: 12-19-00 OUT Generator: Lackawanna Business Park 8-0080-9 D.E.C. 45 Hamburg Turnpike 60 Waste NON HAZ Soil Description: Location: Quentity Bush Driver. Truck #: TSDF Facility 5 ...... Received By: Waste Management of New York, LLC Permit 9A . Chaffee, New York 14030-9799 WASTE MANIFEST (716) 496-5000 👃 No. 2944 Date: 12/ 19/00 Time: 8: 15AM Generator LACKAUALUA BUSINESS PArk NYSDer BOOSD-9 2560 Hamburg Turnlike Lock N.Y. Waste OA Description: Location: Quantity: I YGAS 38 ANS Driver: Truck #: TSDF Facility Received By Date

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Waste Management of New York, LLC Permit 9A 10860 Olean Road Chaffee, New York 14030-9799 WASTE MANIFEST (716) 496-5000 No. 2945 Date: 12/19/ Time: 10:50 Am LACKAWANNA BUSINES PARK NYS Dec B 0080-Hamburg TurnPike LACKNY. Nr. 13.34 Waste<sup>+</sup> Description 20.66 Quantity: Location WYGAN 30 Driver: Truck # Mr. as Cak **TSDF** Facility: A LANGE AND A LANGE A Received By Date: Waste Management of New York, LI Permit 9A 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2946 Date: 12/19/00 Time: 1:15 pm Generator: LACKAWANNA BUSINESS PARK N.Y.S DEC B0080-9 TURN PIKE LACK N.Y. 2760 Hamburg Waste Description: Quantity: Location WYGAD 10005 Driver\_ Truck #: TSDF Facility: Received By Date:

Waste Management of New York, LLC	Permit 9A
10860 Ofean Road Chaffee, New York 14030-9799	WASTE MANIFEST
(716) 496-5000	No. 2952
Date: 12/19/00	Time:
Generator: NY3 Dec B-0090-9	Load 5
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Waste Dict	
Location: Lockawanna Business Park	Quantity: 8,89
Driver:	A-15 LCA
	:
TSDF Facility: Long and The Add the	36084
Received By: SMCHALL	Date:
n en de la sector de	
Waste Management of New York, LLC	Permit 9A
10860 Olean Road Chaffee, New York 14030-9799	WASTE MANIFEST
(716) 496-5000	No. 2953
Date: 12/19/00	
Date: 12/19/00 33 Generator: NY5 Dec B-0080-9	Load_1
	· · · · · · · · · · · · · · · · · · ·
Waste	
Description: Dirt Location: <u>Lackawanna Business</u> Park	AD. A.
Driver	Quantity:
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IM Mallis Soudtill	HANN
	H JUN Date: 13/19/100

Waste Management of New York, LLC Permit 9A ۰. 10860 Olean Road 14 C 14 C WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2955 Time: 8:55A.M. - 9:10 r. Date:. lewearer Buises Pack Generator: Traumler 80-9 DEC Waste (UH) Description wield Pack 13560 Hambring Tungin Quantity: Location Truck #: <u>H-28</u> Orlver: TSDF Facility: . Н Received By: Date . 13 Waste Management of New York, LLC Permit 9A 10860 Olean Road . WASTE MANIFEST Chaffee, New York 14030-9799 No. 2956 Jack (716) 496-5000 Time: 11:45A.M. - 13:00 F. 19 Date:. Rusinus BIVANKA Generator: to number 80-9 EC i Waste Description and Buierer Pach / 3560 Here big Turnpile Quantity: Location: 4 mon A-18 Driver: Truck #: \_ TSDF Facilityz Received By: Date

Waste Management of New York, LLC Permit 9A 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2357 Jun \*/5 Time Jiloph - Jigo P.M. 19 100 Date:\_\_\_ Celevanna Busines Pack . Generator: DEL ifite number 80-9 v. , Waste Description: Brunes Pack 13500 Handrey Tweepile \_\_ Quantity: \_\_ Location Truck #: Driver: TSDF Facility: Received By: -E--1723 51 2513 525 535 535 Permit 9A Waste Management of New York, LLC Tosee Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 🔥 No. 2966 Time: IN 7:30 OUT 7:51 121 11 Date:\_\_ 2560 Hrunburg TurnAke BUSINESS PAYK Generator: Lock o warno. 80  $\epsilon c$ Waste Soil Description:. 2560 Haming Throughke Quantity: Location: 7 Im Twichell Driver:\_\_\_ TSOF Facility: **Received By:** 

Waste Management of New York, LLC. Permit 9A 17 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 ÷. No. 2968 į Żh ouT 12:46 19100 Time:\_ Date: PACK 250 ockawann. Rusiness Hymburg Trn. Generator 80 ΞC ŝ Waste. on - Haz DINT 4 Description: Quantity: Location: Driver: Truck #: TSDF Facility: Received By Date Permit 9A Waste Management of New York, ILC ١÷ 🛡 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 7 (716) 496-5000 No. 2971 0:32-10:45 Time: Date: Generato Pike urw Waste Description: Quantity: Location: c0 ò Driver: Truck TSDF Facility: Received By: Date:

Waste Management of New York, LLC-Permit 9A 7-0 -٠. 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2972 123 Time: 12:30 - 12:35 2.19-00 Date: С. Generator: 0080 Ģ b se k A. . . . Waste 501 Description Location Quantity: Driver Truck # **TSDF Facility** Received By: Date SAN SHIER STATES Waste Management of New-York, LEC Permit 9A 10860 Olean Road here WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2975 Date: Time × Dec B-0080-9 Load 16 Generator: - ج 4 9 Waste 1 Virt Description Business fifter k Lankowonna Location: Quantity: 3 m C (.C.A Driver; Truck # **TSDF** Facility Received By: Date:

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Management of New York, LLC : 4 Permit 9A 10860 Oltan Road WASTE MANIFEST Chaffee, New York 14030-9799 -(716) 496-5000 No. 2941 12-20-00 Time: 1N 800 OUT 815 Date: Generator: Lackawanna Business Parke )EC. 8-0080-9 Waste Description: Now HAZ Soil Location: Quantity: Driver\_ Truck #: t TSDF Facility Received By: and the second secon Management of New York, LLC Permit 9A 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 5.2 No. 2962 Date /2/20/00 Time: 8:25 Au Generator LACKAWAAAAA BUSINESS PARK NYSDEC BOG80-9 25 60 Hamberg Turnlike LACK N.Y. Waste Description: Quantity: Location: VANE WYGAN Driver Truck #: TSDF Facility: ٤

Waste Management of New York, LLC \$2 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000	Permit 9A WASTE MANIFEST
- Date: 12/2/200	No. 2963
Generator: LACKAWANNA BUSINESS PARK NY SDEC BOOSD -9	
2560 Hamburg TurnPike LACK. MY. Waste	
Description:	Ouentity:
Driver DUANE WYGANT	Truck #:
	<u>alul 11 11 310253</u> 
In the second	
Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 16	Permit 9A WASTE MANIFEST No. 2964
10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 16	WASTE MANIFEST
10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 16 Date: 12/21 50 Generator: LACKANANNA BUSINESS PARK 	WASTE MANIFEST
10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 16 Date: 12/21 80 Generator: LACKARJANNA BUSINESS PACK	WASTE MANIFEST
10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 Date: 12/21/00 Generator: LACKARJANNA BUSINESS PARK U.Y. S DEC DOOS-9 2566 Hamburg Turn Pike HACK N.Y. Waste Description: CONT DIT	WASTE MANIFEST No. 2964
10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 Date: 12/21/00 Generator: LACKARJANNA BUSINESS PARK <u>NY.SDECD0080-9</u> 2560 Hambury Turn Pike HACKN.Y. Waste -C. N. N. T.	WASTE MANIFEST
10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 Date: 12/21 50 Generator: <u>LACKANANNA Business Park</u> <u>VY. SDEC DOGSO-9</u> <u>2566 Hamburg Turn Pike HACK N.Y.</u> Waste Description: <u>CONT Dirt</u>	WASTE MANIFEST No. 2964

game management of new hork, LLC . 2 -Permit 9A 70 -10860 Olean Road Chaffee, New York 14030-9799 WASTE MANIFEST (716) 496-5000 No. 2973 Time: 9:15=9:35 20 - 00 Oate: troject Generator: . ame ELack. NY. Has Waste Description: Location: Quantity: G О Driver\_ Truck #: TSDF Facility: Received By: **16 1 1 1** F 1 8 1 1 1 1 3 Waste-Management of New York; LLC., Permit 9A 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 , (716) 496-5000 No. 2976 120 Date: Time: B-0080-9 ec. L and Generator: Waste Dirt Description: Luckaunina Business Tark Location: Quantity: Jime L.C.A Driver: Truck #: TSDF Facility:  ${f Z}$ Received By: Date:

Waste Management of New York, LLC	Permit 9A
10860 Glean Road Chaffee, New York 14030-9799 (716) 496-5000	WASTE MANIFEST No. 2977
Date: 12/20/00 Generator: N95 Dec B-0080-9	Time:
Waste Description:	
	Quantity: <u>AD, UI</u> Truck #: <u>A-15</u> L.C.4
	H 33440 Date: 13/20/00
	Permit 9A
Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 )4 Date: 12/90/00 NV5 Dec 72 0020-9	Permit 9A WASTE MANIFEST
Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 )4 Date: 12/90/00 NV5 Dec 72 0020-9	Permit 9A WASTE MANIFEST No. `2978
Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 ) 4 Date: 12/90/00 Generator: NYS Dec B-0090-9 Weste	Permit 9A WASTE MANIFEST No. `2978
Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 )4 Date: 12/20/00 Generator: NYS Dec B-0080-9 Waste Description: Dirt Location: Lackowoung Fusiness Park	Permit 9A WASTE MANIFEST No. `2978
Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 )4 Date: <u>12/22/00</u> Generator: <u>NYS Dec B-0080-9</u> Waste Description: <u>Dirt</u> Location: <u>Lockowoung Eusiness Pork</u>	Permit 9A WASTE MANIFEST No. 2978 Time:

- 24

Waste Management of New York, LLC,	Permit 9A
10860 Olean Road Chaffee, New York 14030-9799	WASTE MANIFEST
(716) 496-5000	
·	No: 2980 1000 4
in leaded	
Date:12/20/00	Time: 8:50A.M 9:00 A
Generator: Jackawanna Bininess Park	
Generator: Jackawanna Bininest Pack DEC Lits number 80-9	
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Waste	
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Description: Location: Jackeweane Banner Port / 1560 Hemburg Ten Driver:	1991
Location: Jackawana Banner Tser 13500 Hamberg Lee	Capital Quantity:
Driver: Un mood	Truck #
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- Inach It's It is	- Alt Al a d
TSDF Facility:	10 31217
	In the law
Received By	Date:D
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Waste Management of New York, LLC	Permit 9Å
10860 Olean Road	
Chaffee, New York 14030-9799	WASTE MANIFEST
(716) 496-5000	2 2981 Jac 11
14 LAA LAO	111100 2001000
Date: 12/30/00	
Generator Julawanna Business Park	
DEC Site number 80-9	
Waste Dint	· · ·
Description:	
Location: Jackawanna Business Pack / 2560 Hante	un Ture Suantity: 24. 73
hill desmall	Truck # A-18
Driver:	
in the A share we	
TSDF Facility: WM Charles Audill The	1= 36260 .
	12/20/20
Received By:	Date: 1.3/20/50

\*Waste Management of New York, LLC Permit 9A 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 No. 2982 Jose (716) 496-5000 Time: 1:03P.M. - 1:34 P.P. 20 Date:. Burralit Por 14.17 Generator: it mumber 80-9 DEC Waste Description 41 Buiner Bel diad Turil Quantity: Location: 2 loou Truck #: <u>A</u> Driver: TSDF Facility: Received By 2.717 State States Permit 9A Waste Management of New York, LLCY 10860 Olean Road Chaffee, New York 14030-9799 WASTE MANIF (716) 496-5000 No. 2987 1:15 Date: Time Generator 2... ĸ. Waste **Description**: 25.78 **Oughtity:** Location: 1.2~ ب ا -11 ð Driver, Truck # ±.-Wm 26 116 Ċ **TSOF Facility:** 60 Received By: . Date:

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Watte Management of New York, LLC / Permit 9A 400 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2988 \_\_\_\_\_\_/120-/135 12-20-00 Date:. ect Businer Generator ack lunch 21-18 Waste Description Ouantity: Location: Ô Driver:\_\_\_\_ **TSDF Facility:** Received By:  $\mathcal{L}_{\mathbf{a}}$ Carlor and Antonia and Antonia Ξ<u>λ</u>Ν., Permit 9A Waste Management of New York, LLC 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2990 21 Date: Buisness PER ser not 104 Generator: ж ስዶ Waste Hoz DIA VIAN Description: . Location: Quantity: Driver: Touck # TSDF Facility Received By Date

•Waste Management of New York, LLC 10860:Olean Road Chaffee, New York 14030-9799 .(716) 496-5000	Permit 9A WASTE MANIFEST No. 2991
Date: 12-20-00 Generator: LGCKGWGMAA BUISMESS PARK MPS. DELH 80-9	1 <i>h- cut-</i> Time: <u>12:16</u> 12:25
Waste Description: <u>MCN-1407</u> · <u>NiR</u> +. Location: <u>H+-16-</u> Driver: <u>H1-PAICC</u> .	
TSDF Facility:	H INH Date: 12/20/00
Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 Date: <u>12-20-2040</u>	Permit 9A 480 WASTE MANIFEST No. 2993 1215 PM DAY Time: 1N 007
Generator: <u>Ste</u> LACKANANA BUSIN N95-DEC 80.9	NESS PARK
Waste Description: CONT DINT	21 10
Location: LACKAWANNA - DONA.ST Driver: John Brooks	Quantity: 33, 10 Truck # A 27

€Waste Management of New β prk, LLC Permit 9A 10860 Olean Road Chaffee, New York 14030-9799 WASTE MANIFEST (716) 496-5000 No. 2994 19 1.20 Date: 12-20-2000 വി Time: 1 1/ Generator LACKAWENNE RUSINESS Nar/ ar 80.9 , Waste Description: CON/ DIAT WANNER . حمده Location: Quantity: Driver Johns rook Truck # Ad TSDF Facility: Received By: Date AND NO. STORES OF A CARD Waste Management of New York, LLC Permit 9A 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 3166 Time IN # 00 OUT 10'2 Date: 12-20-00 Generator Lachawanna Business <u>B-0080-9</u> DEC. Hamburg Turnpike Lack 2560 Waste Description: NON Haz Soil Quantity: . Location: Bush Driver: Truck #: TSDF Facility: Received 8v: Date:

-Waste Management of New York, LLC ---Permit 9A 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 Nő. 3167 1230 OUT/235 Date: 12-20-00 Lackawanna Business Pack Genera 0080 з. TURNPIKE 90, ka burg 60 Waste Bescription: NON Haz Soil Location: Quantity: Bush Driver:... Truck # TSDF Facility: Received By: Waste Management of New York, LLC Permit 9A - 4 10860 Olean Road WASTE MANIFEST Chaffer, New York 14030-9799 (716) 496-5000 No. 3191955 2 Date: Time Papi onna 150-25 Generator: Waste DIRT Description \$7 LACKAWANNA L Location: Quantity: Driver JohN 1310065 Truck # ٩. **TSDF** Facility numi Ru Date

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Waste Management of New York, LLCh ... Permit 9A 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2958 Time: 10:38 10:45 A.M. Date: 12-2/-00 Generator LaCHAWANNA MUSINESS 1.45. D.F.C. B-0080-9 He mound THRAPINE LOCKAL Waster Description: NON 1-167 01 Quantity: Location: Truck #: M Driver:\_\_\_ TSDF Facility: Received By: A STREET STREET Permit 9A Waste Management of New York, LEC 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2959 OMI Time 17:50 1:1 Date: 12-21-00 GCKawanna AUSiness Generator: B-0080. 15 the turnpike GCU. Waste Description: Non H Quantity: \_ Location: Al. Price ----Truck #: 🗖 Driver:\_\_ TSDF Facility: Received By: Date:

Waste Management of New York, LLG Permit 9A. 10860 Olean Road Betto / WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2965 Date: 12/21/00 Time T. PAM Generator LACKAWAUNA BUSINESS PARK DEC BOOFD-9 60 HAMburg TURN Pike LACK. N.Y. ÷, Waste Non Cont Soil Description: Location: . Quantity: WYGANY vADr 21 Driver. Truck #: TSDF Facility Received By: R. 7877 7. 1997 Permit 9A Waste Management of New York, LLC 10868 Olean Road at the second WASTE MANIFEST Chaffee, New York 14030-979 (716) 496-5000 ٠ż No. 2974 7:00-7:20 ネノー わひ Time Generator: de. 080-9 Waste Description Location: Duantity ()ں ا Driver: TSDF Facility: Received By: 2 Date

Waste Management of New York, LLG Permit 9A. 1086 Olean Road 110 3.V. .... WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 · Nő.] 2979 Δſ 743 Date: 12-21-2000 Timê: WW 0 U I LACKAWANNA Ċ, PAPE BUSINESS. Generator: ... . DEC - BOD-80.9 s PK 560 HAMBURG LACK  $N_{2}$ X Waste ... NON HOZ SOIL Description:. ST - LACKAWAXINA -Mag N Location: Quantity: Driver: John Brooks Truck #: A 75 TSDF Recility: Received By 1.83 STATE IN THE REAL PROPERTY OF THE PARTY OF aste Management of New York, LLS Permit 9A . 56 10860 Olean Road Chaffee, New York 14030-9799 WASTE MANIFEST (716) 496-5000 No. 2983 Time 2:56AM TO 2:10 AN. 12-21-00 Date: **~**^ Generator: LAAKAWAUNH MUSINESS. 3-0080-9 NEC.  $\mathcal{Y}\mathcal{A}$ HAMBURG TURSPIRE 2560 Waste 501-MAN HAZ. Description:. Quantity: Location: Truck # Driver: TSDF Facility: Received By: Date:

Waste Management of New York, LLC	Permit 9A
10860 Olean Road Chaffee, New York 14030-9799	WASTE MANIFEST
(716) 496-5060	(\F) No. 2984
Date:/2-21-00	
Senerator: LACKAWANNA BUSINITSS	
<u>DYS DEC. D-6080-9</u>	× <del>7</del>
2560 HANBURG TURNAIKOR	
Naste State	
Description: HOW HAZ SOIL	12/1
ocation:	Quantity:3.00
Driver_ Gauss Magn	Truck #:
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// Mallo Xind Sill	12 3/0408
SDF Facility:	
1 BINNYET House Land	
Received By:	Date:/0/0/////
Received By:	Date: <i>(0  </i>
Received By OBINITAL	
Received By: OMMURUL Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799	
Received By: OMMINUE Waste Management of New York, LLC	Permit 9A WASTE MANIFEST
Received By: OMMUHUL Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799	Permit 9A
eccived By. Vaste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000	Permit 9A WASTE MANIFEST
Acceived By. Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000	Permit 9A WASTE MANIFEST No. 2985
Received By: Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000	Permit 9A WASTE MANIFEST No. 2985
Received By: Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 (716) 496-500	Permit 9A WASTE MANIFEST No. 2985
Received By: Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 (716) 496-5000 (71	Permit 9A WASTE MANIFEST No. 2985 Time:/R:35744 to 1'3214
Received By. Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 (716) 496-500	Permit 9A WASTE MANIFEST No. 2985 Time:/R:35744 to 1'3214
Received By: Vaste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 (716) 496-500 (716) 4	Permit 9A WASTE MANIFEST No. 2985 Time:/?:35744 to 1'3214 Цаск Лу
Received By: Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 Nate: 12-21-00 Senerator: LACKAWANA BUSWASS NYS D. F.C. D-0080-9 25750 HAMBURG TORNPARE Vaste Description: UON HM 2 5012 Ocation:	Permit 9A WASTE MANIFEST No. 2985 
Acceived By: Waste Management of New York, LLO 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 (716) 496-500 (716) 400 (716) 496-500 (716) 496-500	Permit 9A WASTE MANIFEST No. 2985 Time:/?:35744 to 1'3214 Цаск Лу
Aste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 Ate: 12-21-00 Ate: 12-21-00	Permit 9A WASTE MANIFEST No. 2985 
Received By: Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000 (716) 496-500 (716) 496-	Permit 9A WASTE MANIFEST No. 2985 

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Waste Management of New York, LLC . Permit 94 7 8~ 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 2989 12-21-00 Time: 9110- 9:30 Date: Pro 22 Generator: <u>B - 00 809</u> ۂ. Hamburg 560 1 00 Waste Description: Quantity: Location: Dellu 0 σM Driver: TSDF Facility: Received By: Waste Management of New York, LL Permit 9A. 10860 Olean Road Chaffee, New York 14030-9799 WASTE MANIFEST (716) 496-5000 Nő. 2992 Date: 12-21.00 40 8:20 Generator LACHWGMMG Baishoss B-ao Por ECburg Typs tam Weste Description: NON Hay Mint Location: Quantity: Truck # Driver: TSDF Facility:. Received By: Date

🖁 Waste Management of New York, LEC Permit 9A 480 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 3002 15-11:30 1-00 Date: Time Generator Ø C Waste Description. Location: Quantity. Δ Driver\_C TSDF Facility Received By: Date C. 54 Permit 94 48 aste Management of New York, LIC 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 3003 12-2 OD 1:15-2:15 Date in Generator 0 C о Waste Description ۰. Location: Quantity: ۵ Driver: Truck # TSDF Facility: d D.c Nete-

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10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 3009 10 Date: 12/21/60 Time: 9:46 Generator: LACKAWANNA BUSINESS PARK N.Y.S DEC Booso-9 LOCK. N.Y. 2560 Hamburg Turnpike Waste Description: Non HAZ DIT Quantity: Location: DRIVE TUANE WYGANT 30 Truck #: TSDF Facility: Received Byx Date: Permit 9A Waste Management of New for 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No 3018 Date: 12/21/00 Time: 11: + 19AL Generator LACKAWADNA BUSINESS PAFK NYS DEC <u>B0080-9</u> TURN PIKE LACK N.Y. 25.60 andig Waste Description: Quantity: Location: Driver DUADE WYGAD Tručk #: TSDF Facility: Received By: 🖄 Date:

Permit 9A Watte Management of New York, LLG WASTE MANIFEST (716) 496-5000 No. 3168 <u>بالر</u> 6 JT 735 Time  $|a-2| - \infty$ Date: Business ckawanna Hark Generator: ĸ -9 mburgeTurNoike hack 40 Waste Description: NON Haz Soil 7-Location: Quantity: shi Truck #: 27 Driver: TSDF-Fecliity Date Received By Waste Management of New York, LL Permit 9A : • 10860 Olean Road and the second sec q WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 3169 Time 111 925 OUT 12-2,1-00 Date: BUSINESS Os. ckawanna. r k Generator: B-00.80-9 DIN Waste Description: NON HAZ  $o_{I}$ Location: Quantity: そっちゃ Driver: Truck #: TSDF Facility: Received By: Date:

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Waste Management of New York, LLO Permit 9A. 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 <u>ال</u> No. 3170. zekawanna Business Park Time: IN /145 our/ 12-21-00 Date: Generator: D.E.C. 45 B-0080-9 Hambury Turnpike 60 Waste Description: NON HAZ Soil ... Quantity: Location: Bush \_ Truck #:🖓 Driver:\_\_\_ TSDF Facility: Received By:, Date: Waste Management of New York, LLG Permit 9A. 10860 Olean Road Market State State WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 🕆 No. 3192 8:12 Date: 12/2//00 1 Time: Lackowana Rusiness PAVK. Generator: 60 Hamburg Turnpike. 25 D.E.C. 90-9 Waste Hon Hoz. Dirt. Description:\_\_\_\_ Quantity: Location: . Truck # Driver:\_\_ TSDF Facility: \_ Date

Waste Management of New York; LLG-Permi#9A .. 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 3171 12-21-00 Time / N Date: unna Dusines Generator B-nos mburg LUINDIKE Waste Description: NON HAZ SOIL Location: Ouantity Bush **Driver:** Truck # TSDF Facility: Received By: aste Management of New York, LI Permit 9A . 10860 Olean Road 20 - 14 C and the second 14.5 WASTE MANIFEST . Chaffee, New York 14030-9799 (716) 496-5000 14 .No. 3193 12/21/00 Time: In 11:08 Date: Lackowanna Business PArk. 2560 Pan but Generator: 80 - 9 E, ( \_ Waste Hon - Horz Soi Description:. HAVK -Levekowanno Austre 53 Location: Quantity: Driver: Truck # TSOF Facility: and Bur IM Date:

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Waste Management of New York, LLG Permit 9A. 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 3194 oчT In! Date: 12/21/00 Generator Lackowapper Business PArk. D.E.C. 100 80-9 Waste Description: None 192- Soil 2560 Hamburg Turnpike Quantity: 1 im Driver\_ Truck #: TSDF Facility: ∠Z Received By: 📐 Date:. ste Management of New York, Life \* Permit 9A 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 3195 Date: 12-21-2000 \_\_\_\_\_ Time: 1 🛶 Generator LACKAWANNA BUSINESS PARK Nys. Bar. 809 2560 HAMburt TURN DIRE - LACKAWANNA Waste NON HAZ. SOIL Description STREET- LACKAWANNA NY Quantity Location: Driver: Truck #: TSDF Facility ·····

Waste Management of New York, LLC	- Permit 9A.
10860 Olean Road Chaffee, New York 14030-9799 - (716) 496-5000	WASTE MANIFEST No. 3196
Date: 12-21-2000 '	Time: IN DUT
Seneration - LACKAWANNA BUSINESS PA	
NY DEC DOD SO 9	
2560 HAMBURS TURN Pit	E - LACKAWANNA NU
Description: NON HAZ SOIL	
ocation: DONA ST- LARGWANNA	<u>Ny</u> Ouantity: 2230
OP R. h	<u>Vy</u> Ouantity: <u>2236</u> 
protion: DONA ST- LARAWANNA	
niver: John Brook	Truck #:A+5
inver John Brook	Truck #:A + 5

Waste Management of New York, LLC Permit 9A 10860 Olean Road WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 3161 7 Time: 1:00 P.M. - 1:35 P.M. Date: 12/16/00 wanna Buyinus Pack Generator: lite number 80-9 Waste Description: rnan Business Part 19560 Handrey Talapol Quantity: Location wit no Truck #: \_66M Driver: TSDF Facility: Recaived By: Date: Silling the second 2012 Waste Management of New York, LLC Permit 2A 10860 Olean Road C À WASTE MANIFEST Chaffee, New York 14030-9799 (716) 496-5000 No. 3189 12-26-00 Time: 11/1/ 52 OUT 12201 Date: Generator Lackawanna Business fark IS DEC. B-0080-9 amburg TURDDIKE Waste Description: NON Haz Soil Location: Quantity: Rush Driver TSDF Facility: \_/

Waste Management of New York, LLC 10860 Olean Road Chaffee, New York 14030-9799 (716) 496-5000	Permit <u>9</u> A WASTE MANIFEST No. 3190
Date: 12-26-00 Generator Lackawanna Business	Bik Time IN 920 OUT 1000 -
NYS. D.E.C. B-0080-9. 2650 Hamburg Turnpike	lack NY
Waste Description: NON Haz Soil	
Driver & Bisch	Truck #: # 25
	Date: ////////////////////////////////////
N VI-BMALLIA / AMAL	H Ilde 33, Date: Bilde D

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APPENDIX E

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## **BACKFILL MATERIAL VERIFICATION**

J/USB15-01/Word/Final Remediation Report Rev 02.doc 03/15/01 \$:44 AM

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Dec-12-00 10:02A





Materials Corp.

December 12, 2000

SLC Environmental Services 295 Mill Street Lockport, New York 14094

Re: Remedial excavation and debris removal @ Lackawana Business Park DEC site # B-00080-9

Attn: Scott Pfohl

The backfill for the above mentioned project will be clean virgin soil and will contain no contaminates whatsoever.

Sincerely,

Pine Hill Materials Corp. Could D. Warner Paul D. Warner Sand and Gravel Sales Dec-05-00 09:31A

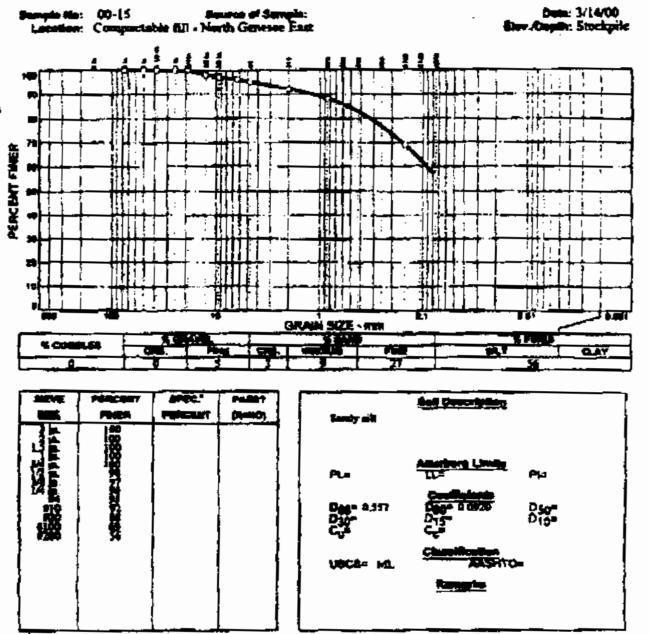


Project: Menerals Testing

## Client: Pine Hill Materials

Grain Size Analysis

Project No.: 00-1002



(an approximation generated)

CLYNN GEOTECHNICAL ENGINEERING 415 Sauth Trank Street, Longert, Harry York, 14094

Elf

Lines we have been

astar 716.625.6933 / hux 716.625.6983 waarafirmiyaanasm

045-05-00 09:31A 02/29/06 TUE 11:29 FAX 116 821 8103 309 90541625

LES: 02/21/00

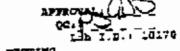
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Upstate Laboratories, Inc. Analysis Recults Report Humber: 04000023 Sampled by: Client



TOPSOIL TESTING SHISLEN ROAD HAST 1015E 02/00/00 C Matrix: Soil

. . . . . ---- TUT T.D.: 04008023

	043	F 1.D.: 04000023				
-		RANGE TRANS	REFULTS	DATS INAL.	AFT	
				02/17/00		WC9197
		Percent Solids	925	02/16/00		332040
	Total	Areenic by furnace method	1.7mg/kg dw	02/16/00		MB2005
	Total	Barium	<3 mg/kg dw	03/16/00		2005
	Total	Cadulus	2-1mg/kg dw	03/15/90		102005
	Total	Chronita	12mg/22 dw	61/16/00		10.2005
		COUPE	11.2mg/Xg dW	02/14/00		10120-05
_	Total	Lead	<li><li>ing/hg dw</li></li>	02/14/00		XX1 003
•	Total	•••••	<0.11mg/kg d=	02/14/00		102004
	the function mathematical		<0.11mg/kg	02/16/00		2005
	Total	Bilter	25.4mg/kg dm	62/16/09		102005
	Total		54mg/Rg 4M	02/16/09		
	Total	tipe .				
		TCL volatiles by EFA Method 8260				
				62/11/00		4112744
-		Chlotomethane	< 3ug/kg dw	02/11/00		***1761
-		Sconce that	<3ug/1g	02/11/00		VH2788
		Vinyl Chloride	c2ug/ky dw	02/11/00		732788
		Chlorogthase	<3ug/kg dv	02/11/99	44	<b>YM2768</b>
		Metaylene Chloride	9ug/leg dw	02/11/00	11	V22748
	ACTLOR		20ug/ing dw	02/11/00		<b>VX278</b>
		Carbon Disulfide	clug/kg dv	02/11/00		<b>W101788</b>
		1.1-Dichlorosthans	<30g/kg dw	02/11/00		V12788
		1.1-Dichlorethan	clug/kg dv	92/31/00		VH276E
		trans-1.2-Dichlerosthens	<3wg/kg dw	02/11/00		V#1786
		cis-1.2-Dichloroethene	clug/bg dw	\$2/11/60		VE1788
		Chloroform	<3ug/kg dw	02/11/00		V10744
		1,2-Dichlaroethene	<3 ug/bg dw	02/11/00		VH276\$
		1-Butthene	cloug/hg dw	02/11/00		VH2784
		1, 1. 1-Tricklores theme	alus/kg dr	02/11/00		*#2788
		Carbon Tetrachlogide	clug/bg dv	02/11/00		TH2768
		Frandichlosynsthese	4300/X4 #*	03/11/00		VM2750
_		1, 2-Dichloropropane	<3ug/bg dw	02/11/00		100754
-		cls-1, 3-Dichlesepropert	<iug dw<="" kg="" td=""><td>02/11/00</td><td></td><td>VH2788</td></iug>	02/11/00		VH2788
		Trichlorsethene	<300/20 dw	03/11/00		VH2788
		Dibromochl srame theos	<3ug/kg dw	03/11/00		VELTER
-		1,1,1-Trichlyrocthens	<3wg/kg dw	03/11/00		VH2788
-		Sentent	clug/kg dw	02/11/00		VIL1785
		trans-1, 1-Dichloropropeos	<3ug/kg dw	02/11/00		932788
		Arcmitors	<3ug/kg dv	02/11/06		VE2788
		4-Hathyl-2-pestabone	<10mg/kg dw	02/11/00		102168
		2-Mexanda*	<10ue/kg dw			
		· ·····				

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DATE: / /

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Vpatate Leboratories, Ind. "Acalysis Recults Report Number: Gassucal Client I.D.: for SERVICES, INC.

296

Aperoval: QC:\_\_\_\_\_Lab 1.5.: 10270 Sampled by: client

Client I.D.: SJP SERVICES. INC. To:04000021 Rat: 3011 TOPBOIL TESTING		Sampled by: client Skisign Road mast loish 02740/00 c			
ра	1. 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ALSOLTS	DATE ANAL.	<b>F</b> IY	riis#
•••		*		•	
	Percent Solids	923	02/17/08		WG\$1,97
Total.	Arconic by furnace method	1.7mg/kg dw	02/16/00		<b>EB3000</b>
Jegyl	Teritor.	<31mg/kg dw	02/14/00		10.1005
Total.	Cadmiun	2. Log/kg dv	02/16/00		102005
Total	Charged un	lang/kg dv	03/16/00		101105
fotal	Copper	11.0mg/kg dw	\$2/16/99		1012101 2012101
Intal	Le •4	<1)mg/kg dw	92/14/00		201995
Total	Ner CUTY	<0.22mg/kg dw	42/14/40		-
Tozal	pelentum by furnace bethod	<0.12mg/mg	02/16/00 02/14/00		2023004
Totel	E41ver	e5.4000/kg dw			102005
70 <b>CA</b> 1	Zinc	fing/kg 🕶	01/16/00		ME3 00 5
	TEL Volatilus by SPA Nothed \$240	,			
	Chloromethane	<jug dv.<="" kg="" td=""><td>02/11/00</td><td></td><td>VM2789</td></jug>	02/11/00		VM2789
	Srange then	clug/kg dw	03/11/90		VH2784
			02/11/00		112785
	Vinyl Chloride Chloroethese	<lug dv<="" kg="" td=""><td>12/11/00</td><td></td><td>V12784</td></lug>	12/11/00		V12784
		<245/28 da	02/11/00	44	V32718
	Mathylane Chioride	Jug/kg dr		44	VM2788
	Acetone Carbon Disulfide	20ug/kg 4v	02/11/44	**	· ·
		ejug/kg év	03/11/04		V10788
	1,l-Dichloresthame 1,l-Dichleresthame	<lug dw<="" kg="" td=""><td>02/11/00</td><td></td><td>TRATES</td></lug>	02/11/00		TRATES
	l,Dichieresthere trans-1.1-Dickloroethere	ejug/ky dw	03/11/20		712711
	cis-1.2-Dichloroethene	<)ug/kg du	62/11/00		722744
	chlaraform	clug/kg dw	02/11/00		****
	1, J-Dichlopachane	<3ug/kg dw	03/11/00		VN2768
	1.J-Dichibbauinen 1-Butesche	chug/ing dw	01/11/00		V912788
		elbug/kg dv	51/11/66		V#1744
	1,1,1-Tricblerethnor	<lug dw<="" kg="" td=""><td>02/11/00</td><td></td><td><b>V1278</b></td></lug>	02/11/00		<b>V1278</b>
	Carbon Terrachloride	<]u#/hg d=	93/11/90		VH:2788
	scondichlorpethang	<3ug/hy dw	02/11/00		V1C2744
	1.2-Dicklaropropane	<3ug/by dw	03/1 <u>1/9</u> 0		VIQ 718
	eis-1,3-Backloropropess	<li>slug/by dw</li>	91/11/00		VEXT86
	Tricklorathans	«Jug/kg dw	97/11/99		V22749
	Dibrandshloramathana 1,1.1-Trichlorouthana	clug/leg du	01/11/00		V963788
		                               	02/11/00		7162784
	trans-1, 3-Dichloropropene	elug/kg de strafta da	02/11/00		VE27Es
	ircactura	<3ug/kg i= <3ug/kg dv	02/11/00 02/11/00		V2127 8 8
	4-Methyl-3-pentanone		02/11/00		1012744
	2 - Heresche	<li><liug dv<br="" kg=""><liug dv<="" kg="" td=""><td>02/11/00</td><td></td><td>72(2768 Vic2768</td></liug></liug></li>	02/11/00		72(2768 Vic2768
	Tetrachicrosthene	<lug de<="" kg="" td=""><td>03/11/00</td><td></td><td>VN2788</td></lug>	03/11/00		VN2788
	1.1.2.2-Tetrachloreethane	<3ug/kg dv	02/11/00		702786
	Tolume	<3ug/1g dv	03/11/00		Vac27 28
	Chlorobeniene	city/hg de	03/11/90		Y3627 60

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04C-05-00 09:32A 92/19/99 102 11:19 PAL 716 821 0183 SJB SERVICES

DATE: 02/21/00

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DATA	: 04/41/00				
Test	ste inberstories, Los.	LIPPROVAS.	$\Omega \Sigma$		
Ana)	yeis Ansults	90°- E	$\mathbf{D}$		
5470	pre Munber: 04000023	Leb	1.0 16170		
C11	AT T.D. ; SIA AREVICES, INC.	TOPSOIL TESTING			
	pled by: Client	SHISLIR ROAD WALT 101	K 02/08/99 C		
		Matrix: Soil	<b></b>		
_	PARAMETERS	REGULYS	DATE ANAL.	IRY	FILLE
_				•••	
	Tetrachiczosthene	c3ug/bg dw	02/11/00		1712768
	1.1.2.2-Tetrachiorethan=	<3ug/bg dw	02/11/00		V22782
-	Toluthe	clug/kg dw	02/11/00		V22744
-	Chlorobenzena	<3ug/kg dv	02/11/00		V3(2784
	Ethylbearene	<3 ug/log dw	02/11/00		V3E2788
	Stytene	<340/Ag dw	02/11/00		VH2788
	m-Rylans and p-Rylens	elug/kg du	02/11/00		VNC77 # 8
	e.Xylane	<311g/kg dw	02/11/00		V963784
	TCL Semivolatiles by EPA Notbod	8270			
					83.2306
-	Phenol	<360ug/hg dw	02/15/00 82/13/00		842305
	bis(2-Chloroethyl)sther	<360og/kg dw	+		\$2396
	j-chiesophenel	<369bg/kg dw	02/15/00		122305
	1, 3-Dichlezobeazeas	-360ug/kg dw	03/15/00		£13305
-	1.6-Dichlorebensene	<349ug/hg dw	02/15/00		EA2306
	1,2-Dichlorobeozene	<360ug/kg dw	02/15/00		92306
	2-Xethylphenol	<360ug/kg de	02/15/00		582306
	7,7' - Omybis (1- Chloropropane)	-160ug/kg dw	03/15/00		111106
-	<-sethylphenel	<360ug/kg de	02/15/00		942306
	n-sitrorodi-2-propylamine	c360ug/kg dw	02/15/00		\$12305
	Wexachloroethane	<360vg/kg dr	02/15/00		
	Ný 230 part 2 mp 4	e360.3g/kg dw	02/15/90		883306 882106
-	Tropherent	<369ug/kg dw	82/15/00		582306
	2-fitrophesol	<360 ag/kg dv	02/15/00		
	1.4-Dimethylphenol	-360ag/kg de	02/15/00		583306
	bis (Z-Chlereethoxy) methant	<350ng/hg dw	62/15/00		FAILOF
-	J. 4 - Dichlorophenol	-360ug/kg 4M	02/15/00		\$A1305
-	1.2.4-Trichlorobenses	<350ug∕bg ≪	02/13/00		982705
	Napithalese	<) Sing/by dw	02/15/00		52306
	4. Chloroaniline	<3 SQug/kg dw	82/15/00		222306
	Revechl probutedieue	<360ug/bg dw	02/15/00		532306
	4. Chloro-1-methylphanol	<360vg/kg dw	03/15/00		\$13306
	2-Methylpaphthalano	<360ug/kg dv	02/15/00		SA2305
	Mexechlorocyclopentediane	<360ug/kg dw	02/15/00		SA2304
	2.4.5-Trichlorophecol	-360 cm/ kg dw	02/15/00		523346
	1, 4, 4-trichlorophysel	<360ug/kg dw	02/15/00		\$ <b>7330</b> 6
	2-Chloronaphthalene	<>idug/)a dw	01/15/00		875396
	2-Nitroggiline	<1500ug/kg dw	02/13/00		542305
	Dimethylphthelate	<389ug/kg dw	02/15/00		BAI306
-	Ac-nephthylene	clifoug/bg dw	02/15/00		EA2306

dw = Dry weight

Dec-05-00 OF: 32A

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MATE: / /

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APPROVAL: Operate Laboratories. Inc. QCI\_ - - EAS T.D.: 10170 Analysis Results Report Rumber: 0490902] Impled by: Client Chient L.D.: SJA SERVICES. INC. TO-040500023 NET:SOIL TOFFOIL TESTING SHISTER HORD THEY ISITE 01/38/80 C DATE ANAL. RET TILES 110VLTE PROPERTY PAGE -----..... <360ug/kg &v 02/15/00 <360ug/kg &v 52/15/00 .......... 8A2396 1-Chlorepherylpherylather \$42306

	<36709/89 ***			
yluarene	<3600ug/ing de	02/15/00	<u>587</u> 376	<b></b>
4-Mitremiline	-3608ug/kg d=	03/15/09	1005243	_
1-methyl-1, 6-dinitrophenol	< ) Charles de	02/15/00	842396	
B-BITTOGOGIDHERY] MEIDO	<360 mg/log 44	02/15/00	9 <b>83</b> 304	
4-Bremephanylphenylether		\$2/35/99	SAILOF	
Textschlerebenzent	<35049/80	02/15/99	582306	
Past anhlorophenol	73Dug/lag da	02/15/00	423396	
ghenesthree	-360ag/by de	62/15/99	643376	
Antheseens	citions/ins dw	03/15/00	122304	
Carbezele	<160ug/log de	02/15/00	232306	
di-p-baty1phthalate	estimating an	92/15/00	942106	-
Fluerestans.	elsing/ing da		583394	
747404 Fyradia	<360ug/kg de	22/15/00	1012101	
Butylberrylphthelste	<36Dug/hg dur	03/16/00	13,73.04	
1,1 Dichlerobensidine	434044/29 AT	\$2/15/00	131705	
Berro (A) Anthrodana	-ling/kg +-	02/15/04	4.	
	cleves/2g dv	62/15/04	SP3101	
Chrysens	elicus/hg dw	92/15/00	83.2306	
bis (1-Sthylbenys) phthalate	assoug/kg dw	a2/15/00	202304	
di.u-wstylphthalate	<3 COUSING day	03/15/00	\$2394	-
Danas (b) flugranthese	-ling/by dw	01/15/05	83.2396	
Hence (E) fluerenthese	c) 60 ug/2g dv	62/15/99	SAZ306	
Sanzo (A) PYXARA	-350ug/kg 4-	02/15/80	622336	
Indean (1, 2, 3 and) syname	<3foug/kg dw	\$2/15/00	3A1306	
Dibeuge (A, h) anthreusne	clibug/kg w	03/15/00	1,2306	
Beato (Sp7) Bethread				
TCL PESTICION/Acachers by IBA 8080				
	and the second second second	62/27/00	785 <b>2</b> 53	
BHC (A-Leoner)	cl. tug/kg de	02/17/00	733 552	
and (b-freez)	<\$. Sug∕ky dw	41/17/00	25552	
182 (d-13900)	<1. Rug/kg dw	02/17/09	261353	
pit (g-inemex)	el.sug/hg dv	92/17/00	PA4552	-
X.plach1+2	<1. Bug/hg Cr	02/17/89	FESSAR	
Aldria	al. bug/hg dw	02/17/00	FA5552	
Maptachlor Mpozide	<2. Bug/kg dw	02/17/99	PA5557	
made wilfan I		#2/17/90	P24552	
pieldzin	s, sug/kg de	92/17/00	PA5552	-
6,41-009	<1. tug/kg det	03/17/05	PA3352	
Ladrin.	<3.649/148 dw	03/17/05	PAS312	
Indesulian II	13.50g/bg dw	02/17/00	PA5552	
4,4'-000	∠1. Eug/kg d≠	02/17/09	\$43352	-
Indoculfan Fulfate	es.Eug/lag da	02/1)/9V	748682	
4, 4' - 2PT	e3. Sug/2g de	03/17/60	PA5152	
Me thenychlor	eltug/kg 🗰	AQLALLAR		
_				

de - Dry weight

FEB-16-2000 FRI 04:17 PH UPSTATE LABRATORIES FAX NO.

FAX NO. 3154371209

APPROVAL:

41/15/00

clf0ug/hg dv

082395

P.07

P. 17

mestate Laboratoriad, Inc.

964\_ -Analysis Marsles i.16 I.v.: 20170 Separt Namer: 0100003 Sampled by: Client ASANT 1 D.: 403 SERVICES, INC. TOTOTATE NATESOIL TOTATE TESTING TE SETSER KORD BAST LOISE 62/00/00 C T ST PRESENTERS ALSOLTS. DATE ANAL. \$TLE4 ..... .......... \*\*\*\*\*\*\*\* - - -....... VE1705 02/11/90 clug/bg dw. Sthylbenses: clug/kg dr clug/kg dr 02/11/06 V012768 Styneag 02/11/00 VEDICE m-Xylane and p-Xylane «Jug/kg de 02/11/00 Y212788 a-tylens TCL Semiwolatiles by ESA Mathed 3270 ----82/15/99 SA2345 <)50ug/kg dv fbanol. 92/15/04 352366 bis [3-Chloroethy1] other <3594g/kg dv cafdug/kg dv 01/15/04 582395C 2.Cblozophenol 02/15/00 282366 1.J-Dicklorebeniene <)foug/bg dr 1.4-Dicklemberson4 <160ug/kg dv 02/15/00 383306 02/15/00 532105 elécuy/hy de 1.2-Gighlorobeatene <>litug/kg de 83/15/00 383306 2-Mathylphenel abituging de 02/15/08 582316 2.2 - Onybis(1-Chloregropane) <34Pag/kg dv 03/13/00 \$83305 t-Mathylphenol 301546 s-Mitrofedi-s-propylesiad cliftug/kg dw 02/15/00 aliting/by de 03/13/00 949366 Rexachleresthere <168ug/kg dv 61/13/00 512386 Mittobenses 02/15/00 SAZJOK <360ug/hg dv Trophozone +350ug/kg ev
c366ug/kg ev 02/15/00 337166 2-mitrophenol 882346 02/15/00 1.4-Dimethylpherel bis (3-Chloresthory) methane +350 vg/kg &\* 02/15/00 843306 01/15/00 882386 <360vg/Xg de z.e-Dichlorophunel e360mg/kg dw 01/15/00 883306 1.1.4-7richlersbydiese 3fbug/kg dv 02/15/00 EX230C Nephthelana 4-Chlorosniline elfour/kg ev 02/19/80 833385 22/15/00 \$82306 <369Ug/kg dv Annabler@utadians 4.Chloze-3-methylphenol clfoug/hg dw 02/15/00 432305 02/15/00 \*\*\*\*\* 2-Methylasphthalane <3404g/hg dv Semanhlayoryclepentadiese <3Feug/hg dw 02/15/00 375364 altoug/by dw 02/15/00 \$2206 1,4,8-TPLEBlesephenol 812346 =362ug/ky dw 02/15/00 2.4.%-Trichlorophenel elfing/kg dy 92/15/00 522396 2-Chlozonashthalway <3600ug/ag d= 02/15/00 143146 1-SALFBARILING Dimethylphthalste <360ug/kg dv 02/15/09 982186 Aconsoft hylene citives/kg de 02/15/00 ##230f 02/15/00 \$2306 <369ug/kg de 1.6-Dimitrolume 92/15/90 49,2396 )-Mitrossiline clifooug/kg dw 42/15/00 583306 Accaspitions <260 ug/lig dv 4340049/kg dy 02/15/00 382388 2.4-Dimitrophenol 43500ug/3g 44 \$22394 02/15/04 (-)Hitrophonal <360.0g/kg dw <360.0g/kg dv 01/13/00 #32306 Dibonrofuran 3,4-Dimitrateluese 02/15/00 3012306

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Disthylphthelete

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04C-06-00 09:32A 07/18/00 781 17:27 FAX 710 811 9143 348471023

FEB-16-2000 FRI 04:17 PM UPSTATE LABRATORIES FAX NO. 3154371209 . . .

DATE: / /

APPROVAL:\_\_\_\_ Upstate Labovatories. Inc. 801 - - - Eab I.D.: 10170 Analysis popults Repart Number: D4000823 Client I.B.: SJE SERVICES, INC. Sumpled by: flight TRESSER NEELSON TOPROIL TESTING ENISTRE ASE EAST 1015E 02701/00 C RESULTS DATE AMAL. REY TILES PARAMETERS.

Endrin Ketone midrim kidabyda alphe-Chlordane	<pre>&lt;3,6ug/kg du 03/17/00 &lt;3.6ug/kg du 03/17/00 &lt;1.8ug/kg du 02/17/00 &lt;1.8ug/kg du 02/17/00 &lt;1.8ug/kg du 02/19/00</pre>	785532 785552 785932
gemi-Chlordane Taxaphene Arealar 1016 Aroclar 1221 Aroclar 1222 Aroclar 1242 Aroclar 1248 Aroclar 1254 Aroclar 1254	<pre><li><li><li><li><li><li><li><li><li><li< td=""><td>725572 725587 725587 725573 725772 72572 72572 72572</td></li<></li></li></li></li></li></li></li></li></li></pre>	725572 725587 725587 725573 725772 72572 72572 72572

dw . Dry weight

Dec-06-00 09:32A 92/39/00 100 11:3/ 7AL /10 021 0103 040 06071005

ATE: 02/11/00

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ILTE:	02/11/00		_		
•		APPROVAL :	$\alpha \sim $		
	te Laboratories, Inc.	O	Profession in the second second		
inal'	ysis Results				
Repo	E Number: \$4056023	TOPSOIL TESTING			
	AL I.S.: SJM SERVICES, INC.	SHISLER MOAD EAST 1015	n 02/06/00 C		
5 ang	led by: Client				
	" " BLT I.D., 04000023	Watrin, Soil			
•	PARAMPTERS	211122 <i>x</i>	DATE ANAL.	KZT.	<b>711.20</b>
			02/15/00	-	<b>68</b> 2306
	1,6-Dinitrotolume	<360ug/kg dv			
_	3-Microaniline	<360 Dug/kg dw	02/15/00		901306 881308
-	Lockeyhthene	alloug/he de	02/15/00 02/15/00		842106
	3,6-Dinitrophenol	<3500ug/kg de	02/15/00		332306
	4-Nitrophencl	<3∮00mg/kg dw <360mg/kg dw	02/15/00		\$82306
_		<360ug/kg dw	02/15/00		88.3306
-	3,4-bim4trotoluene	-260ug/kg dw	51/15/90		SA2306
	Distryiphthelate	<350ug/kg dw	02/15/00		2A2336
	<-Chlerophenylphenylether	-36Dug/kg dw	02/15/00		5A2306
_	fluorene 4 Nitroeniline	<3600ug/kg dw	02/15/00		5A2306
-	1 Microenii 190 1 Makimi - 4. 6-dinitrophenel	<360Qug/kg dw	02/15/00		883304
	p-Witrosodiphenylamine	4360ug/kg de	02/15/00		392396
	4-Broncohenylyhenyletter	-160wg/kg dw	02/15/00		\$32705
_	Kexechiorshenders	<360ug/km d=	02/15/00		EX1305
-	Pentschlorophenol	710ug/hg dw	02/15/00		5A2306
	Phopenthrene	<369ug/log dw	02/13/09		SA2306
	Anchracent	<3600g/hg dw	92/15/00		SA1306
	Carbasole	<360ug/kg dw	22/15/00		\$\$2396
-	di-a-butylphthelete	<160ug/kg dw	02/13/00		#A2306
	fluoran these	<360ug/kg dw	02/15/00		321305
	277956	<360ug/kg dw	02/15/00		522396
	aucylbenzylphthalate	alioug/kg dw	02/15/00		181306
-	3.3'-Dichlorobensidine	<360ug/bg dv	02/15/00		9052306
	Senso (s) anthrecent	<350 ug/kg dw	02/13/00		583306
	Chrysent	<3600g/kg d+	03/15/00		873304
	bis(2-Sthylkeryl)phthelate	<380ug/24 d=	02/19/00		112305
-	di-n-octylphthelete	-350ug/kg dw	02/15/00		10(544
	lenze (b) flueranthese	<360ug/kg dw	42/13/00		42304
	Senso (k) fluoranthana	<360ug/kg dw	02/25/00		282304
	Secza ( s) pyrace	<360ug/hg dv	03/15/00		\$2304
<b></b>	Indepo (1.2.3-cd) pyrana	<260ug/log d=	01/15/00		SA2306
	Dibenso(a, b) anthrowand	<360ug/kg dw	DZ/15/00		523355 52305
	Benao (ghà) puarlune	<360ug/kg dv	02/15/00		
_	TCL festicides/Arcelors by IPA	1010			
	*********				B. 5687
	\$2C (a-isemer)	<1.5ug/kg dw	02/17/00		PA5552
	\$20 (b240mar)	<1.80\$/Xg dw	02/17/00		PA5552 Pa5532
	REC (d-isomer)	ci.lug/kg dw	02/17/00		FA3552
-	BEC (g-15004 P)	el. Bug/2g dv	07/17/00		FAJ774

dy . pry weight

Deg-06-00 09:334 02/20/00 TUE 11:27 FAL (10 DEL V104

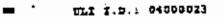
330 JER+1449

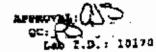
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MATRIX INTERFERENCE PERCLODES LOWER DETECTION LIBITS 1 MATRIX INTERPRENES PRESENT IN SLANK ANALISIS NOT PERFORMED BECROSE OF INSUFFICIENT SAMPLE THE PRESENCE OF OTHER TARGET ARALYTE(S) PRECLODES LOWER DETECTION LINCTE 5 SLAME CORRECTED MEAD SPACE PRESERT IN BANFLE QUANTITATION LINIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE ð CHANTITATION LINIT TREREPORE SECONES THE ABOULATORY LEVEL. THE OIL MAN TREATED AS A SOLID AND LEADERS' WITH EXTRACTION FLOID 10 ABL (AVERAGE DETECTION LIBITS) POL (FRACTICAL CONTITATION LIMITS) 11 SAMPLE ABALYLED OVER SULCING TIME 12 13 DISBOLVED VALUE MAY BE NTORER THAN TOTAL DUE TO CONTARIMATION PRON THE FILTERING PROCEDURE 14 SAMPLED BY OLI 15 DISSOLVED VALUE MAY BE RIGHER THAN TOTAL, HOWEVER, THE VALUES ARE WITHIN EXPERIMENTAL ERROR 16 AN INMINITORY FACTOR HAS CREEKVED IN THIS AMALYSIS 17 PARAMETER NOT AMALYZED WITCH IS MINUTES OF EASIFLING 14 THE SERIAL DILETION OF THIS EAMPLE SUGGESTS & POSSIBLE PAYBICAL AND/OR CHEMICAL INTERPRENT IN THIS DETERMINATION. THE DATA MAY BE BIASED EXTERN HIGH OF LOW. 19 CALCULATION BASED ON DRY WEIGHT 30 INDICATES AN ENTIRATED VALUE, DETECTED BUT BELOW THE PRACTICAL COANTIFATION LINE 21 UG/KG AS REC.D / DO/RG DRT WT 22 MO/ED AF REC.D / NO/RE DRY WE 23 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS 24 AAMPLE DILUTED/BLANK CORRECTED 25 XB (RON-DETECTED) 26 MATRIX INTERFURENCE PARCLUDES LOWER DETECTION LIMITS/BLASK CORRECTED 27 STIRE RECOVERY ASSOCIATLY HIGH/LOW DUE TO MATRIX INTERFERENCE 28 POST-DIGESTICH SPIKE FOR FORHER AN AMALYSIE IS OUTSIDE OF THE CONTROL LIMITS (\$\$-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE FOI. 29 ANALYZED BY METHOD OF STREPARD ADDITIONS 30 HETROD PERFONDANCE STOLY HAS NOT BEEN COMPLETED/HQ (NON-DETRICED) 31 FIELD MEASURED FARMETER TARM ST CLIENT 33 TARGET ANALYTE IS BRODEGRADED AND/OR ENVIRONMENTALLY WEATHERED 33 NON-POTABLE MATRE SOURCE 34 VOLATILS ASP CODES ..... -----(3) FOSSIBLE/FROMABLE BLANT CONTRACTANCE (3) ALL COMPOUNDS IDENTIFIED AT A SECONDARY BILDTION FACTOR (J) DETECTED BELOW THE CROL 35 THE MUDROCARBONE DETWOTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON PETROLEUR DIGTILLATES 36 MATRIX INTERFERENCE CAUSING SPIRES TO RESULT IN LESS THAN 50.03 RECOVERY 37 MILLICRAME PER LITER (MG/L) / POURDS (LBS) FER DAY 38 MILLIGRAMS PER LITER (MS/L) OF RESIDUAL CHLORINE (CL2) / POUNDE (L83) PER DAY OF CL2 39 MZCROGRAMS PER LITER (DG/L) / YOUNDS (LES) FER DAY 40 MILLIGRAME PER LITER (MG/L) LIWEAR ALKYL SOLFOMATE (LAS) / POUSDE (LBS) PER DAY LAS 41 RESOLTS ARE REPORTED OF AN AS MEC.D BASIS 42 THE SAMPLE WAS ARALYZED OF & TOTAL BASIS; THE TEST ESSUET CAN BE COMPARED TO THE TOLY REQULATORY CRITERIA BY DIVIDING THE THET RESULT BY 20. CREATING & TERGETTCAL TOLY VALVE 43 METAL BY CONCENTRATION PROCEDURE 44 FOSSIBLE CONTAMIENTION FROM FIRLD/LABORATORY

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prest Laboratories, Inc. aslypig Results Maport Humber: 04000023 Client I.D.: BOB MEXVICES, INC. "Ampled by: Client





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### APPENDIX F

# INSPECTORS DAILY REPORTS

J-33815 01/Word/Final Remediation Report Rev D2.das-03/15/01 R-44 AM

URS Consultants, Inc. DAILY QUALITY ASSURANCE REPORT Date: 12 Day AMADOR! CONST. Project: CITY OF LACK. Owner: BLC • • Contractor: Report No. 35815.03 URS Project No.: VISITORS: ESTABLISH G2' 100' RADINS Time Name Representing VINCE LUKA ILR5 D930 TO DETERMINE EXCAVATION NATE TAFT ILRS Ø930 AREM CQC Inspection phases attended and instructions given: HEAlth & SAFETY MEETING slips, traps & FAlls EXSPOSURE Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities: SLC MOBILIZIED ON SITE NO DEFICIENCIES to REPORT NO TEST WERE CONCLUCTED SECURED THEIR EQUIPMENT & DEPARTING SITE SLC Oral Instruction given to Contractor (lockude names, reactions, and remarks): NONE @ this time Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 12 DECOD PAGE: 1 OF 3 OF REPUBLICA ADD

12/10/00 10:19 AM

## URS -

- Consultants, Inc.
DAILY QUALITY ASSURANCE REPORT (Cont'd) Date: 12 DEC DD Date: 12 DEC DD Date: 12 DEC DD
Has anything developed regarding the work that might lead to a change order or finding of fact? () No ( ) Yes Describe:
Information on progress of work, causes for delays and extent of delays: HIGH WINDS & SNOW HAS DELAYED ANY WORK FODAY
Information, instructions, or actions taken not covered on QCR report, or disagreements: NONE
Safety (Include any infractions of approved safety plan. Specify corrective action taken): NONE
Other QA Activities and Remarks: MADE INTRODUCTION WITH SLC. IT WAS DETERMINED BECAUSE OF HIGH WINDS THAT ANY WORK WOULD DE postponed to DAY. URS & SURVEYORS ARRIVED ON SITE TO ESTABLISH THE Q2'-100' RADIUS & PROPERTY CORNERS
Prepared By: JAMES MONNIN ENG. INSPECTOR Date: /2.DECOO PAGE: 2 OF 3

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#### DAILY QUALITY ASSURANCE REPORT (Cont'd) Date: 12 DEC 00 Day 5 M J DEC 00

Other OA Activities and Remarks: Advised CHUCK OWSEL OF WEATHER CONditions AND It was AGREED that WORK WOULD BE CANCELLED today SLC & URS WIll bE BACK ON SITE WEDS 13 DEC OU to bEGIN REMEDIAL ACTIVITIES. THERE WERE NO INCIDENTS to REPORT. VIDANA 5 HOURS DATE: 12 DEC 00 PAGE:3 OF .3 Prepared By: JAMES MONNIN ENG. INSPECTOR

03 100000000A\_Rpt 12/11/00 10:12 AM

#### DAILY QUALITY ASSURANCE REPORT

Date: 13 DECOD Day AMADORI CONST. **Project:** CITY OF LACK. Owners BLC Contractor: Report No. 35815.03 URS Project No.: Д VISITORS: STAKE DUL FOR RADIUS Time Name Representing 0930 VINCE LUKA URS 0930 NAHAAN TAFT urs ODONSSED ACTIVITIES GLAZER DEC 1000 KEVIN CQC Inspection phases attended and instructions given: HAD HEALTH & SAFETY MEETING \* SEE ATTACHED SHEET Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities; Had to KEESTAGISH RADIUS STAKE OUT NO DEFICIENCIES to REPORT CONTRACTOR IS PERFORMING AS DER CONTRACT. Oral Instruction given to Contractor (Include names, reactions, and remarks): NONE GINEN @ This time Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 13 DEC DO PAGE: I OF 3 Colesant 1/15/01 01.0001450OA #pr 12/13/00 10:19 AM

Consultants, Inc. DAILY QUALITY ASSURANCE REPORT (Cont'd) Day | Has anything developed regarding the work that might lead to a change order or finding of fact? (M No ( ) Yes Describe: Information on progress of work, causes for delays and extent of delays: Good PROGRESS WAS MADE THROUGHOUT THE CAY NO DELAYS to REPORT. information, instructions, or actions taken not covered on QCR report, or disagreements: NONE Safety (Include any infractions of approved safety plan. Specify corrective action taken): NONE Other QA Activities and Remarks: BEGAN CLEARING C& O TODAY MADE GOOD EFFORTS ON WORK ICAD. SLC PERFORMED AS PER THEIR CONTIGNET All HEALTH & SAFETY ISSUES WERE OBERATED NEI HAS DELIVERED (3) DUMPSTERS FOR CED DEBRIS Date: 13 OFC DO PAGE: 2 OF 3 Prepared By: JAMES MONNIN ENG. INSPECTOR

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# DAILY QUALITY ASSURANCE REPORT (Cont'd)

WRS OBSERVED All ACTIVITIES THROUGHOUT THE day Other QA Activities and Remarks: SLC PERFORMED All WORK AS PER tHEIR CONTRACT NO EXCAVATION TODAY STIll LOADING CED. Thursday SLC WILL CONTINUE LOADING CED. Also they will BE CULTING THE (3) COTTON WOOD TREES THAT ARE LOCATED INSIDE EXCAVATION AREA. THERE WERE NO INCIDENTS TO REPORT. PICTURES WERE TAKEN OF SITE & DEBRIS. All HEALTH & SAFETY ISSUES WERE OBSERVED TODAY. All WORK AS PER CONTRACT ame Ar Jonnin 8Haus

Prepared By: JAMES MONNIN ENGLINSPECTOR

DATE: 3DECOD PAGE: 3 OF 3

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Consultants, Inc.

# DAILY QUALITY ASSURANCE REPORT Date: 14 DECOO

Owner: Contractor: URS Project No.:	AMADORI CONST. CITY OF LACK. BLC 35815.03	Westlar         Summy         Clear         Oversar         Ruin         Spore           um         pro         aax         pm         acr         pax         arr         arr
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HEANH & SI	AFETY MEETING ATTACHEC SHEE	À.
In de Course	AUTE IN DEARPY	today 14 dec 00 t RMING 195 DER their Guitract.
Oral Instruction gives ACVISED (SU YHE AIR FO YHEY WILL IS DEC OD	i to Contractor (Include Dam 2) HhAT HHEV R OLIST CONTRO HAVE EQUIPME	NEED to DE MONITORING NEED to DE MONITORING I & ANY CONTAMENATION NT & PERSONET ON SIGHT
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Consultants, Inc	
DAILY QUALITY ASSURANCE REPORT (Cont'd) Date: 14 DECCO Day 3 N 1 N 2 N 3 N 2 N 3 N 3 N 3 N 3 N 3 N 3 N 3	-
Has anything developed regarding the work that might lead to a change order or finding of fact?	-
() No (K) Yes Describe: LOCATED (1) 55 GALLON CRUME BURIED UNDER C&O DEBRIS WITH UNKOWN PRODUCT INSIDE. CALLED CHUCK DUSE I AND ADVISED WITH UNKOWN PRODUCT INSIDE. CALLED CHUCK DUSE I AND ADVISED NIM OF THIS SHUATION. Information on progress of work, causes for delays and extent of delays:	-
Information on progress of work, causes for delays and extent of delays: PROGRESS WAS MACE TOCAY ON CHEARING C& O OEBRIS	-
Information, instructions, or actions taken not covered on QCR report, or disagreements: NONE @ 4013 HME	-
Safery (Include any infractions of approved safety plan. Specify corrective action taken): NONE @ HAIS HIME	-
Other QA Activities and Remarks: URS PROVIDED OVERSIGHT FOR All REMEDIAL ACTIVITIES today SLC FOILOWED THEIR WORK PLAN & Also THEIR HEANTH	-
SECTORIOGECTION FOR THE SAFETY PLAN	
Prepared By: JAMES MONNIN ENG. INSPECTOR Date: 14 DECCO PAGE: 2 OF 3	

sit (Kelik)DQA\_Rpi 12/01/09/10/19/AM DAILY QUALITY ASSURANCE REPORT (Cont'd)

d) 14 DECOD

URS

Consultants, Inc.

Other QA Activities and Remarks:

FINDING THE 55 GALLON ORUM MAS RAISED SOME CONCERNS ON HOW SLC WIll PROPERTY HANDLE & dispose of this, spoke with CHUCK DUSEI (URS) & Scott pfhol (sul AND CHUCK WILl CIRECT SLC ON NOW to handle this situation. All C&D DEBRIS is DEING Stockpilled & SepERAted INSI de the 92'-100' RAdius @ this time. SLC WILL DEGIN HAWLING CED ON FRI 15 DEC DO URS IS SATISFIED WITH SLC ACTIVITIES CHUCK DUSEI (URS) IS BOING TO SEND A QUALIFIED ENVIROMENTAL TECH to ASSESS the 55 GALLON CRUN URS & SLC ARE DEPARTING & SECURING SITE @ This HIME. TIME ANONUM

8 HOURS

Prepared By: JAMES MONNIN ENG.INSPECTOR

DATE: 14 DEC 00 PAGE:3 OF 3

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# DAILY QUALITY ASSURANCE REPORT

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			Dat Day S M J T	<i>≕ 1<u>5 0</u>€ Ç 00</i>
Project:	AMADORI CONST.	Wantler Sumy		
Owner:	CITY OF LACK.		01-0-00 00-10	70-E3 >15
Contractor: URS Project No.:	BLC 35815.03	Ward Still	Moderate High	Report No.
		Hereitary Day	Moderate High	4 –
VISITORS:	Name	Desterating	Pema	-
OBIS BILL		Representing	INSPECTION OF	CSD REMOVAL
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	ns & tests, deficiencies obs Contractor's activities:	served, actions taken, &	corrective action of Co	entractor. Include
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Oral Instruction given t	te Contractor (Include par	mes, reactions, and rema	rks):	
	vstructed scc.			Quality =
			A MENNER STR	Quanty
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SLC IS FOLLOWING ALL OTHER HEALTH & SAFETY ISSUES @				
Hhis time				
URS HAS INS	tructed suc t	U INSTALL A	DECON PAD A	IND A
SECURE CONST SITE ENTRANICE.				
Prepared By: JAMES M	ONNIN ENG. INSPECTO	R DATE: ISTA	ECOO PAGE: O	.3
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# DAILY QUALITY ASSURANCE REPORT (Cont'd)

Dav

Has anything developed regarding the work that might lead to a change order or finding of fact? (X No () Yes Describe:

Information on progress of work, causes for delays and extent of delays: Good ROGRESS WAS MACE TODAY NO DELAY'S TO REPORT.

Information, instructions, or actions taken not covered on QCR report, or disagreements: NONE @ HAIS HIME

Safety (Include any infractions of approved safety plan. Specify corrective action taken): NONE C HIS HIME

Other QA Activities and Remarks: URS PROVIDED OVERSIGNT FOR All REMEDIAL ACTIVITIES TODAY MET WITH SLC PROJECT MANGER AND OBSOUSS DECON AIGHA & SET UP A SECURE OBAST ENT. BOTH PARTIES ARE IN AGREE MENT

SLC LOADED CEO DEBRIS THROUGHOUT TO DAY

Prepared By: JAMES MONNIN ENG. INSPECTOR

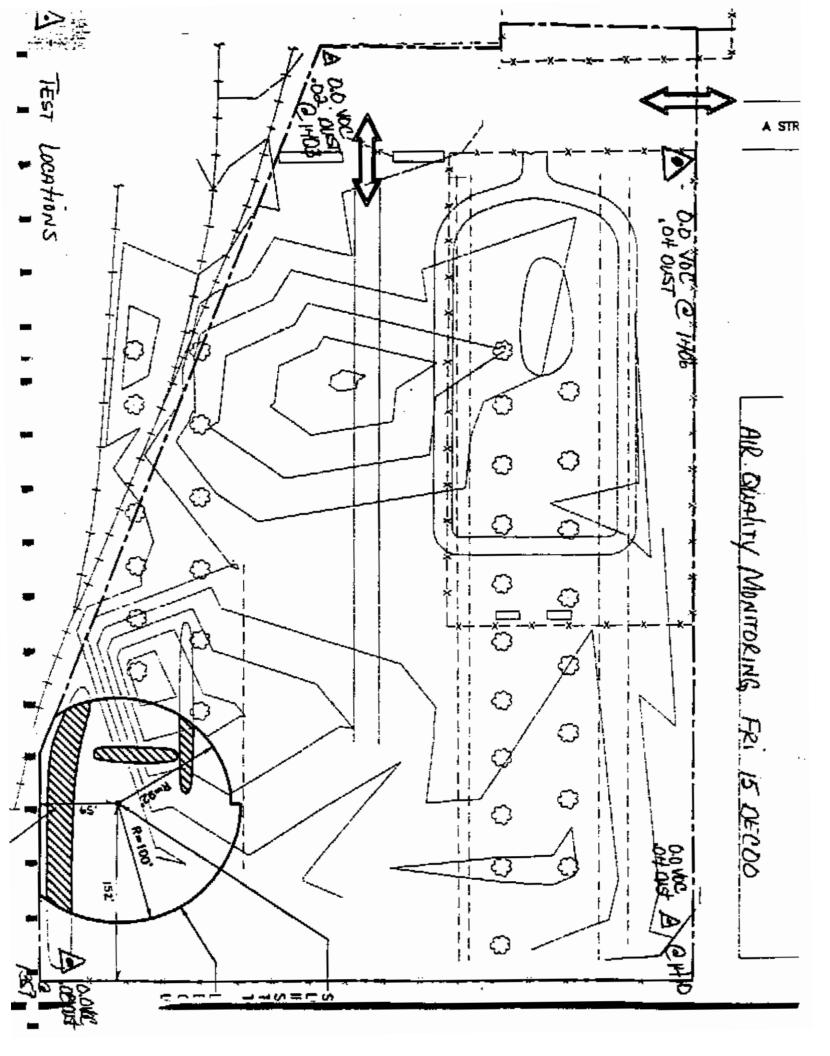
Date: 15 DECOD PAGE: 2 OF 3

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DAILY QUALITY ASSURANCE REPORT (Cont'd)

Other QA Activities and Remarks: AIR QUALITY MONITORING WAS PERFORMED & ENTERED and OVERVIEW SITE MAPX SEE Attached sheet All other ACTIVITIES TODAY WERE AS PER CONTRACT HEALTH & SAFETY ISSUES WERE OBSERVED THERE ARE NO INCIDENTS TO REPORT. URS HAS TAKEN DICTURES OF All REMEDIAL ACTIVITIES & VARIOUS LOCATIONS AROUND SITE WILL LOG PICTURES IN Photo LOG & SUBMIT WITH FINAL REPORT. URS & SLC ARE SECURINA SITE FOR THE WEEKEND & DEPRRETING White An Jonan TONS OF CAD DEARIS REMOVED 8 Hours DATE: 15 DEC OD PAGE:3 OF 3 Prepared By: JAMES MONNIN ENGINSPECTOR

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#### URS

Consultants, Inc.

#### DAILY QUALITY ASSURANCE REPORT

Date: 18 [ Day 5 AMADORI CONST. Project: CITY OF LACK. Owner: BLC Contractor: Repor 35815.03 URS Project No.: VISITORS: CHECKED ON PROBRESS Time Name Representing GREG SUTTON 1000 NEC. BILL BAKER MECKED ON COD WASTE MANAG. 1030 CQC Inspection phases attended and instructions given: HEATT & SAFETY MEETING X ATTENTION TO EXSOUGULE HIGH WINDS & SUR ZERO WIND CHILL Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities; QA INSPECTION WAS PERFORMED ON 18 DECCO. NO DEFICIENCIES TO REDORT SLC IS PERFORMING AS PER CONTRACT. Oral Instruction given to Contractor (Include names, reactions, and remarks): NONE GIVEN & THIS TIME Prepared By: JAMES MONNIN ENG. INSPECTOR PAGE: 1 OF 3 DATE: BOECOO 41 D0014/DOA\_Rpt

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### DAILY QUALITY ASSURANCE REPORT (Cont'd)

IS NEC 00 Date: Dav Has anything developed regarding the work that might lead to a change order or finding of fact? (X) No ( ) Yes Describe: Information on progress of work, causes for delays and extent of delays; DRUGRESS WHAS MADE TO DAY. No decays to REport Information, instructions, or actions taken not covered on QCR report, or disagreements: NONE @ this time Safety (Include any infractions of approved safety plan. Specify corrective action taken); NONE @ THIS TIME Other QA Activities and Remarks: BEGAN LOADING CAD DEBRIS TODAY IN SOUTHWEST AREA DF SITE LCA TRUCKING IS ON SITE & CONTINUES to SEND TRUCKS URS IS PROVIDING QA INSPECTION OF ALL ACTIVITIES TODAY SLE CONTINUES TO FOLLOW THEIR WORK PLAN GREG SUTTON ARRIVED ON SITE TO CHECK ON REMEDIATION ACTIVITIES (DEC) IS SATISFIED with ACTIVITIES

Prepared By: JAMES MONNIN ENG. INSPECTOR

Date: 180€ COO PAGE:2 OF 3

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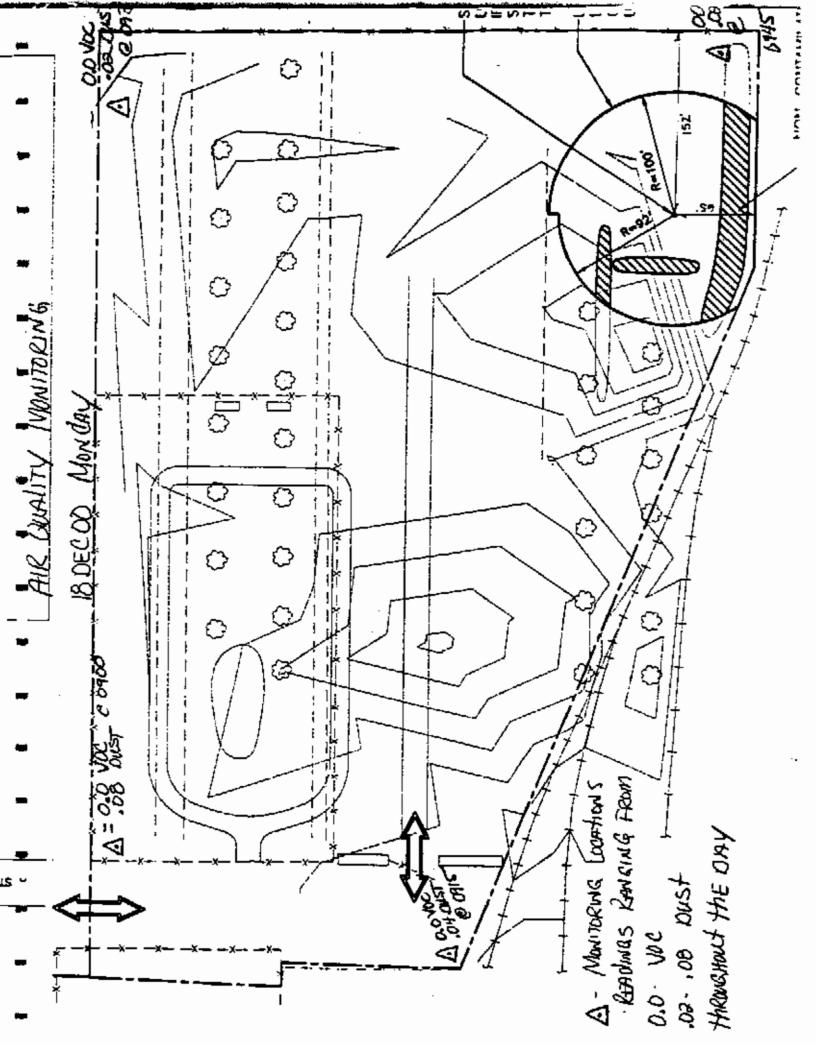
DAILY QUALITY ASSURANCE REPORT (Cont'd)

Other QA Activities and Remarks:

Good PROBLESS WAS MADE THROUGHOUT THE day SLC. CONTINUES to put forth Excellent Efforts on their REME DIA TION ACTIVITIES AIR QUALITY MONITORING WAS DONE TO DAY. HIGH WINDS & SNOW HAVENT DAMPERED Efforts today there are No Incidents to Report HIGH WINDS HAVE CALISED SLC NOT TO CUT THE (2) KEMAINING COHONWOOD TREES ON SIGHT. WILL CALL CHICK DUSEL (URS) to FIND OUT ABOUT the 55 GALLOW drum ON SIGHT. ALL HEAlth & SAFETY ISSUES WERE FOLLOWED TO CARY AIR QUALITY READINGS RANGING FROM 0.0 VOC'S & .02.08 bust throughout today. Mar Anonus. 255.97 <del>200.80</del> TONS COD 8 Hues DATE: 18 DECOD PAGE:3 OF 3 Prepared By: JAMES MONNIN ENG. INSPECTOR

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#### URS Consultants, Inc. DAILY QUALITY ASSURANCE REPORT Date: 19 DECOO Day 5 м AMADORI CONST. Overces Project: Owner: CITY OF LACK. 10-15 2125 **Т м** Contractor: BLC tat per Report No. URS Project No.: 35815.03 100 VISITORS: CHECK ON COD KENDAN L Time Name Representing BII BAKER WASTE MANAGATA IDD CHECKON PROGRESS OREN. SHADIND CITY OF LACK CHECKON PRODUCESS CQC Inspection phases attended and instructions given: HEAIHI & SAFETY MEETING - SLips, TRips & FAlls - EXSPOSURE . TRUCKS Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities; QA INSPECTION WAS PERFORMED. AIR QUALITY MONITORING WAS CONDUCTED BY SLC NO DEFICIENCIES OBSERVED SLC IS FOLLOWING WORK PLAN. Oral Instruction given to Contractor (Include names, reactions, and remarks): AdVISED SLC THAT THEY CANT USE ACCESS RUAD ALONG SMOKES CREEK to WHO OUT CONTAINENATED SOIL MUST USE ITAUL ROAD LOCATED ON SITE. W/ STABILIZED CONST ENTRANCE. SLC IS DEPROYING #2 STONE C CONST. ENTRANCE. Also 55 GALLON DRUM WAS OVERPACKED & SUALED BY SLC. NOTIFIED CHUCK DUSE / (U.R.S.) Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 19 DECOD PAGE: OF 3

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#### DAILY QUALITY ASSURANCE REPORT (Cont'd)

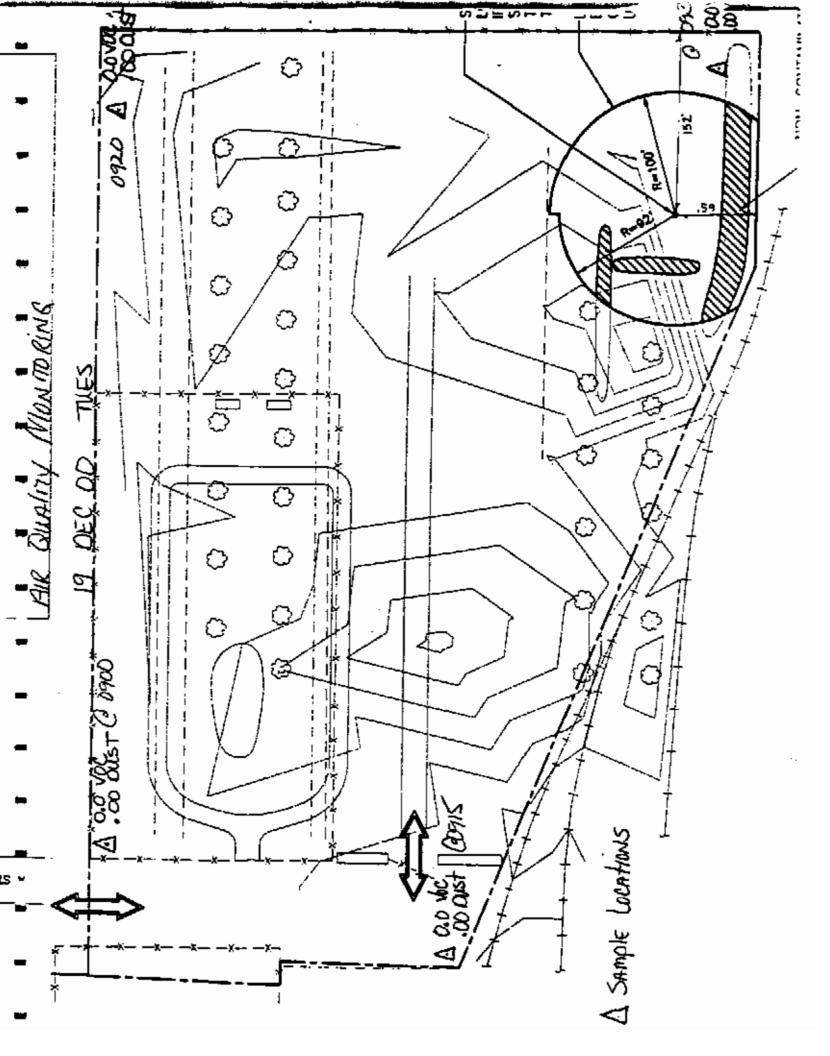
Has anything developed regarding the work that might lead to a change order or finding of fact? ( No ( ) Yes Describe: Information on progress of work, causes for delays and extent of delays: PEUGRESS WAS MADE TODAY No delays to REPORT. Information, instructions, or actions taken not covered on QCR report, or disagreements: Safety (Include any infractions of approved safety plan. Specify corrective action taken): NONE C THIS TIME Other OA Activities and Remarks: URS PROVIDED ON STE MONITORING FOR All REMEDIAL ACTIVITIES today. SLC BEGAN EXCANATING CONTAMENATED SOIL IN the Southwest AREA OF the 92'-100' RAdius AS SOIL WAS EXCAVATED IT WAS STOCK DILED AS FOR the HOE COWLD LOAD INTO WAITING (LINED) DUMP TRUCKS to be hANGED OFF SITE Date: 19 DECOD PAGE: 2 OF 3 Prepared By: JAMES MONNIN ENG. INSPECTOR.

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URS Consultants, Inc. DAILY QUALITY ASSURANCE REPORT (Cont'd) 19 DECOD Day 📑 Other OA Activities and Remarks: DREW SHAPIRO (CITY OF LACK) ON SITE TO CHECK ON PROBRESS & DISCUSS REMEDIAL ACTIVITIES LLES ASSURES HIM THAT All IS AS PER CONTRACT. LCA CONTINUED to HALL CONTRAMENTATED SOIL THROUGHTONT THE day GOOD PROBRESS WAS MADE. All REMEDIAL ACTIVITIES WERE MS PER CONTRACT. HEALTH & SAFETY PLAN WAS FOllowed to day. NO INCIDENTS TO REPORT AIR QUALITY READINGS WERE Also CONDUCTED TODAY \* SEE AtTACHED SHEET TO QA REPORT. EXSPOSEd EXSISTING FOUNDATION INSIDE 92. -100' KEVIN GLAZER (DEC) ON SITE TO CHECKON REMEDIAL ACTIVITIES. All WORK WAS AS DER CONTRACT TO DAY Juno Antonia 343.98 Tons 8 Hours DATE: 19 DECOOPAGE:3 OF 3 Prepared By: JAMES MONNIN ENG.INSPECTOR

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# DAILY QUALITY ASSURANCE REPORT

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Consultants, Inc.

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Project: Owner: Contractor: URS Project No.:	AMADORI CONST. CITY OF LACK. BLC 35815.03		kil Modernar ; Hhgh ann (Cirge) (Ann ) ann i Ny Manianag Hugh	Radi Subv To II Pi II Pi To II Pi To II Pi To II Pi Report No.
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CQC Inspection p	bases attended and instruct	tions given:	. <u></u>	
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Oral Instruction a	iven to Contractor (Include	names wuntings and	remarka).	
· , ·		RAINCS, LEACTORNS, AND	(CIUAFKS):	-
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Prepared By: JAM	ES MONNIN ENG. INSPEC	TOR DATE:	OGECO PAGE:1	or 3
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## DAILY QUALITY ASSURANCE REPORT (Cont'd)

Date: Dav Has anything developed regarding the work that might lead to a change order or finding of fact? (y) No ( ) Yes Describe: Information on progress of work, causes for delays and extent of delays: PRUGRESS WAS MADE TODAY EST 708 TONS HAVE BEEN HAWED OFFSITE NO dELAYS to REPORT Information, instructions, or actions taken not covered on QCR report, or disagreements: NONE @ THIS HIME Safety (Include any infractions of approved safety plan. Specify corrective action taken): NONE @ HAIS TIME Other OA Activities and Remarks: URS provided oversigHT Today for All REME dial Activities SLC CONTINUES to put FORTH AN EXCELLENT EFFORT ON the REMEDIATION OF the AMADORI CONST SITE Date: JODECOD Prepared By: JAMES MONNIN ENG. INSPECTOR PAGF

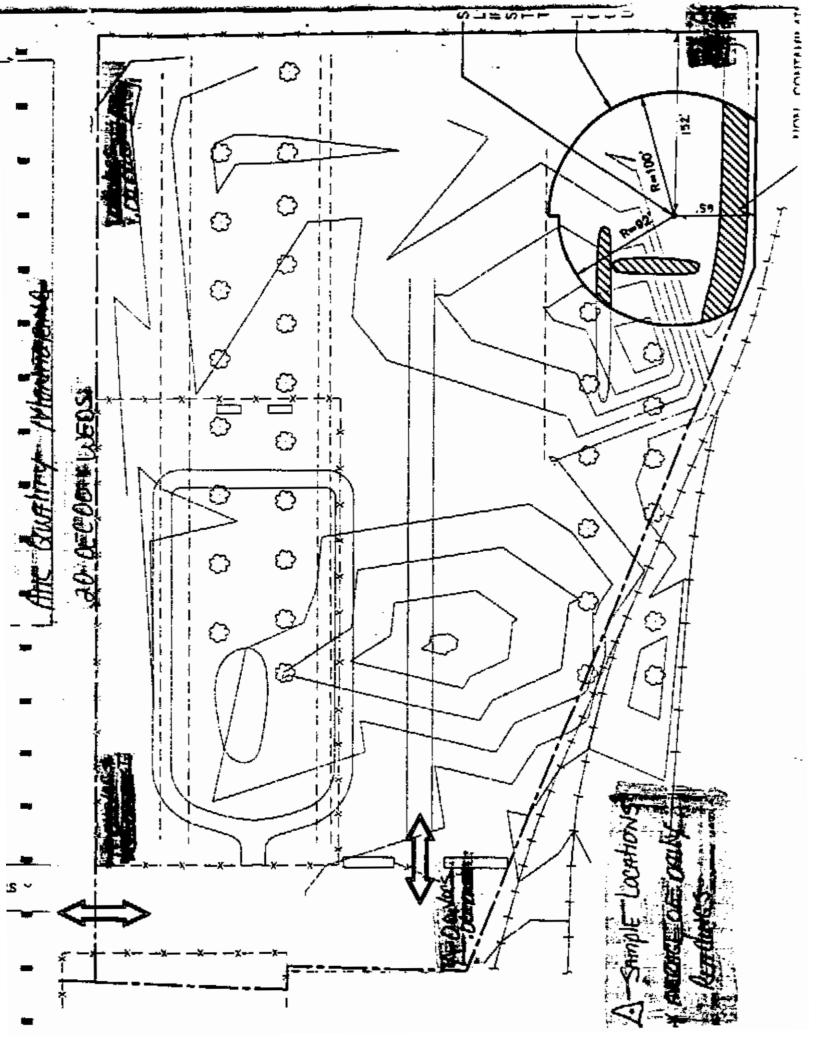
Velixed #200A\_Rpt 12/a1/xxt att 19 A.M

#### Consultants, Inc. DAILY QUALITY ASSURANCE REPORT (Cont'd)

Other OA Activities and Remarks: Whis is very satisfiers with SLC Efforts they are following their work plan closely AIR anality MONITORING IS BEING OWNE @ VARIOUS IDCATIONS AROUND THE SIGHT SLC HAS MADE EVERY EFFORY to Comply WITH All HEALTH & SAFETY ISSUES URS WILL BE SAMPLING THE EXCAVATION AREA 21DECOD THURS DAY URSESCE DEPARTING SITE. Depues Ananue 448.95 Taus 8 Hours DATE: 20 DEC 00 PAGE:3 OF 3 Prepared By: JAMES MONNIN ENG.INSPECTOR

C. Drove 1/15/01

12/11/00 to:19 AM



# DAILY QUALITY ASSURANCE REPORT

URS

Consultants, Inc.

Project: Owner: Contractor: URS Project No.:	AMADORI CONST. CITY OF LACK. BLC 35815.03	Weetber         Summy         Citcar         Oversing         Rame         Summy           Temporature         -32         12-50         50-70         45-43         -46         -46           Temporature         -32         12-50         50-70         45-43         -46         -46           Word
VISITORS:		
0915 C	HRISTOCHER PHWENSKI ER	Representing RIE COUNTY CHECKED ON AROBRESS
COC Inspection pl	ases attended and instructions	s viven:
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EXSPOSURE	TO WIND CHILL	
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	ections & tests, deficiencies abs ng to Contractor's activities:	served, actions taken, & corrective action of Contractor. Include
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	cies to Report	-
ISIN IS DEP	FORMING AS DER H	HEIR CONTRACT.
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Prepared By: JAME	S MÖNNIN ENG. INSPECTO	DR DATE JDECOD PAGE: OF 3
11 000 IANDQA_Rpt (2/11/00 10 19 AM		_

#### DAILY QUALITY ASSURANCE REPORT (Cont'd)

21 DECOO Date: Day | Has anything developed regarding the work that might lead to a change order or finding of fact? (X) No ( ) Yes Describe: Information on progress of work, causes for delays and extent of delays: GOOD PROGRESS WAS MADE TO CAY No decays to Report Information, instructions, or actions taken not covered on QCR report, or disagreements: NONE @ THIS TIME Safety (Include any infractions of approved safety plan. Specify corrective action taken): NONE ODSERVED Other OA Activities and Remarks: URS PROVIDED OVERSIGHT FOR All REMEDIAL ACTIVITIES today. URS ALSO TOOK POST EXCANATION SAMPLES TO CALL \* SEE ATTA CHED; COC \$ OVERVIEW MAP FOR SAMPLE LOCATIONS Date: 21DECDO PAGE: 2 OF 3 Prepared By: JAMES MONNIN ENG. INSPECTOR

12/11/08/30 (SAM

21 0ECOO Day Other QA Activities and Remarks: SLC CONTINUED WITH GOOD EFFORT TO DAY ON THEIR REPRENIAL ACTIVITIES SLC CONTINUED THEIR AIR QUALITY MONITORING @ VARIOUS LOCATIONS AROUND SITE \* SEE ATTACHED SHEET TO QA REPORT CITRIS PAWENSKI (ERIE COUNTY) WAS ON SITE TODAY TO CHECK ON PROGRESS. URS GAVE (CCC) & SAMPLE POINT LOCATIONS to SLC. TO CONFIRM that post Excavation Samples were TAKEN & DELIVERD TO WASTE STREAM NOTHIED CHUCK DUSEL (URS) OF THESE EVENTS AS WELL ALL WORK TUDAY WAS AS DER CONTRACT. SLC FOILOWED THEIR HEALTH & SAFETY PLAN AS WELL. URS WILL SEND COPIES OF QA REPORTS TO SLC FOR REVIEW URS IS VERY SATISFIED W/SLC EFFORTS PUT FORTH ON HISE REME dIAL ACTIVITIES.

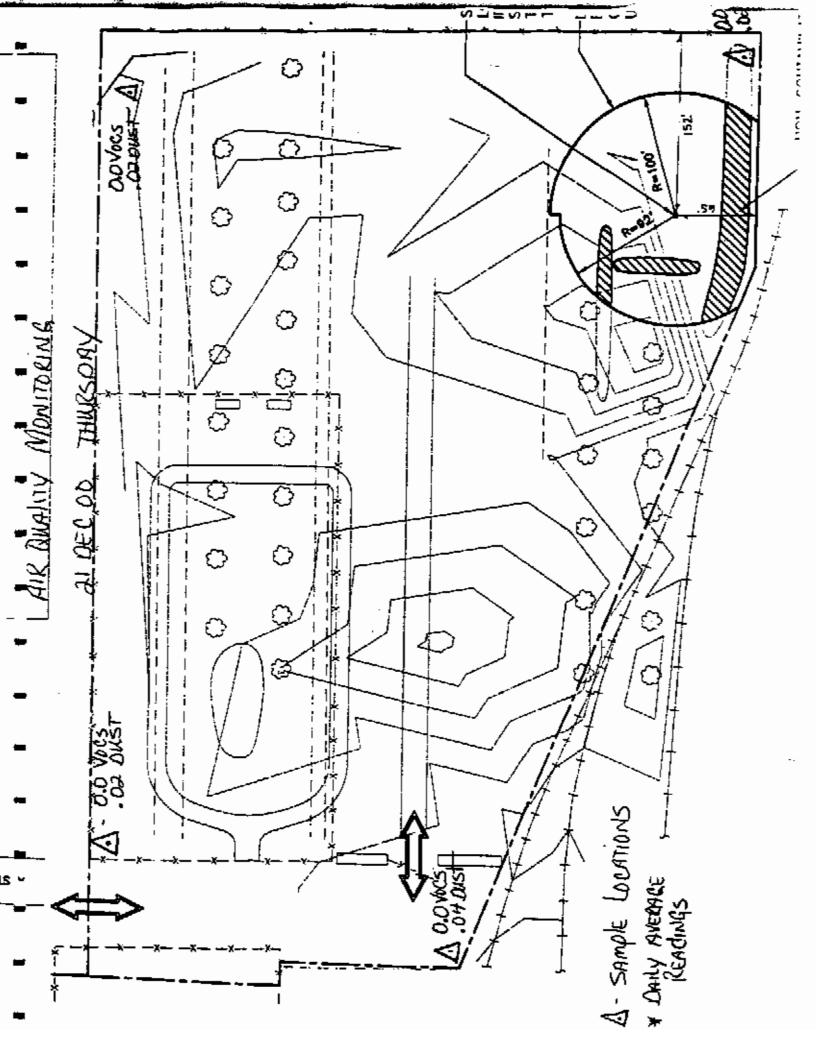
JANIO AMONNIA 8 Hours

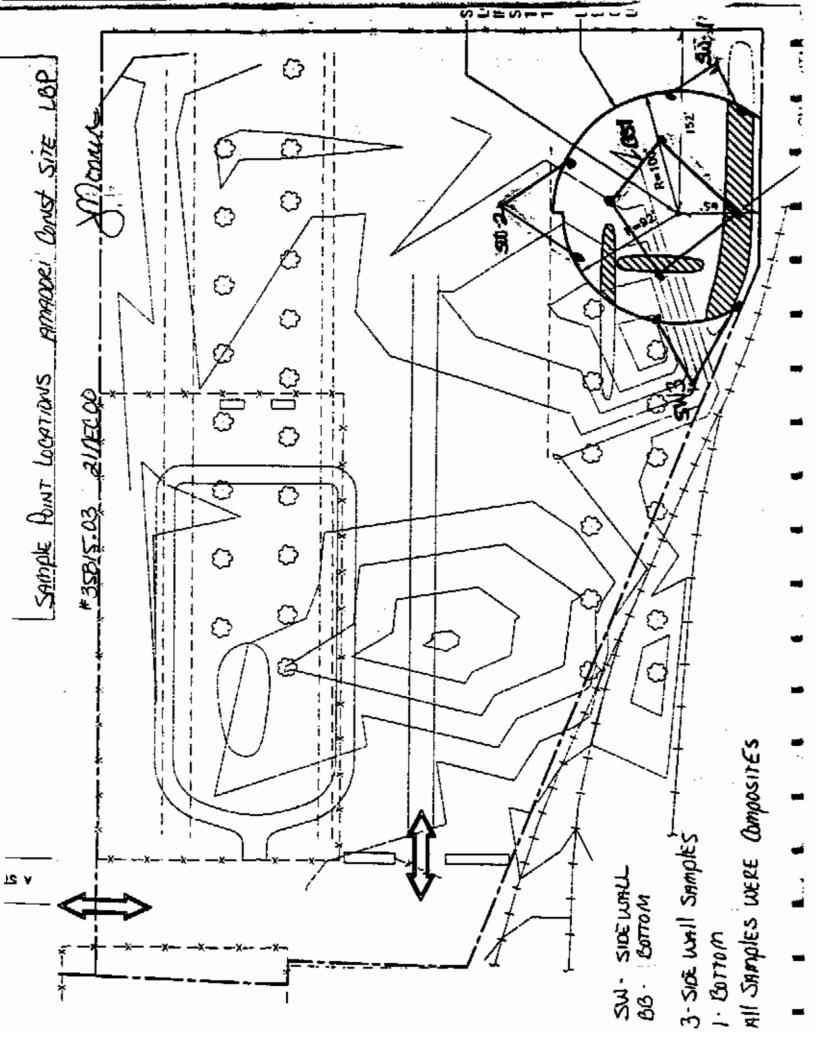
Prepared By: JAMES MONNIN ENG. INSPECTOR

DATE: 21 DECOU PAGE: 3 OF 3

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### Consultants, Inc. DAILY QUALITY ASSURANCE REPORT Date: Day [ Project: AMADORI CONST. Owner: CITY OF LACK. BLC Contractor: cport URS Project No.: 35815.03 q VISITORS: Time Name Representing Remarks CQC Inspection phases attended and instructions given; HEALTH & SAFETY MEETING SUPS. TRIPS & FAlls EXSPOSURE WIND CHILL Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities: URS PERFORMED RAINSPECTION ON 22 DECOD All WAS FOUND TO BE AS PER CONTRACT NU DEFICIENCIES TO REPORT SLC IS FOLLOWING THEIR WORK PLAN Oral Instruction given to Contractor (Include names, reactions, and remarks): NONE GIVEN @ HAIS HIME Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: ADDECOO PAGE: 1 OF З

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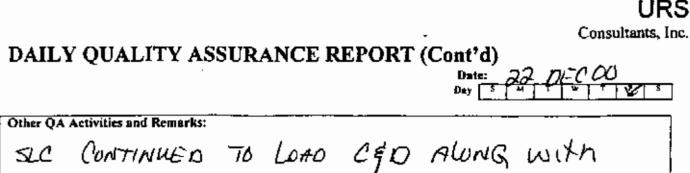
# Consultants, Inc. DAILY QUALITY ASSURANCE REPORT (Cont'd) Date: Has anything developed regarding the work that might lead to a change order or finding of fact? (VNo ( ) Yes Describe: Information on progress of work, causes for delays and extent of delays: PROGRESS WAS MADE HEANY SNOW TODAY. information, instructions, or actions taken not covered on QCR report, or disagreements: NONE @ this time Safety (Include any infractions of approved safety plan. Specify corrective action taken): NONE OBSERVED @ THIS TIME Other OA Activities and Remarks:

URS PROVIDED OVERSIGHT FOR 22 DECOD FOR All REMEDIAL ACTIVITIES TO DAY SLC HAS REMOVED ALL CONTRAMENTATED SOIT FROM SITE. ALL WIRK WAS AS PER CONTRACT

Prepared By: JAMES MONNIN ENG. INSPECTOR

Date: 22 DE COU PAGE: 2 OF 3

11 APRIL 4500 A\_Rpt 12/11/00 PC 19 AM



Cottonwood + REES (2) Stumps WERE REMOVED

FROM EXCAVATION AREA (1) TREE REMAINS

SLC CONTINUES with GOOD EFFORT ON All

Standing. No AIR QUALITY REMOINEDS TO DAY

Must Monin

Frepared By: JAMES MONNIN ENG.INSPECTOR

REMEDIAL ACTIVITIES.

DATE: 22 DE MAGE:3 OF 3

11.18934/DQA\_Rpt 12/11490-00.19 AM

Consultants, Inc. DAILY QUALITY ASSURANCE REPORT Date: Alal Day 5 AMADORI CONST. Project: CITY OF LACK. Owner: BLC Contractor: 35815.03 URS Project No.: VISITORS: Time Name Representing Remarks KEVIN GLAZER CHECK ON PROGRESS іно0 DEC. CQC Inspection phases attended and instructions given: HEATH & SAFETY MEETING - EXSpbsuRE Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities; URS PERFORMED QA INSPECTION All WAS FOUND to be AS PER CONTRACT NO DEFICIENCIES to REPORT Oral Instruction given to Contractor (Include names, reactions, and remarks): Advised SLC that they NEEDED TO EXCAVATE 2' BEVONO 100' & 92' RADIUS C SAMPLE POINTS 5WIA & SW31 . Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 2002 OU PAGE: 1 OF 3 ULINDO HADQA\_Rpt (2/)1/00 (0:19 AM

URS	
Consultants, Inc.	
DAILY QUALITY ASSURANCE REPORT (Cont'd) Date: 26 05000 Pay 11 1000	-
Has anything developed regarding the work that might lead to a change order or finding of fact?	•
ANTITICAL RESULTS FROM 12/21/00 FAILED NEED TO EXCANATE	-
FURTHER	
Information on progress of work, causes for delays and extent of delays:	
Slow PROGRESS. BECAUSE EQUIPMENT CAN NOT TRACK ON CHAN BOTTOM.	-
Information, instructions, or actions taken not covered on QCR report, or disagreements:	-
NONE @ This TIME	
Safety (Include any infractions of approved anfaty plan. Specify corrective action taken): NONE OBSERVED C. YHIS HIME	#
Other QA Activities and Remarks:	
Other QA Activities and Remarks: URS provided OVERSIGHT FOR All REMEDIAL ACTIVITIES today.	-
TUDAY	
SLC WAS ADVISED THE THEY NEEDED TO CONTINUCE	-
to Excavate Due to ANAlitiCAL RESULTS THAT FAILED	_
SSOPPMON SW3 & SWI	

Prepared By: JAMES MONNIN ENG. INSPECTOR

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Date: 26 DECOO PAGE:2 OF 3 -

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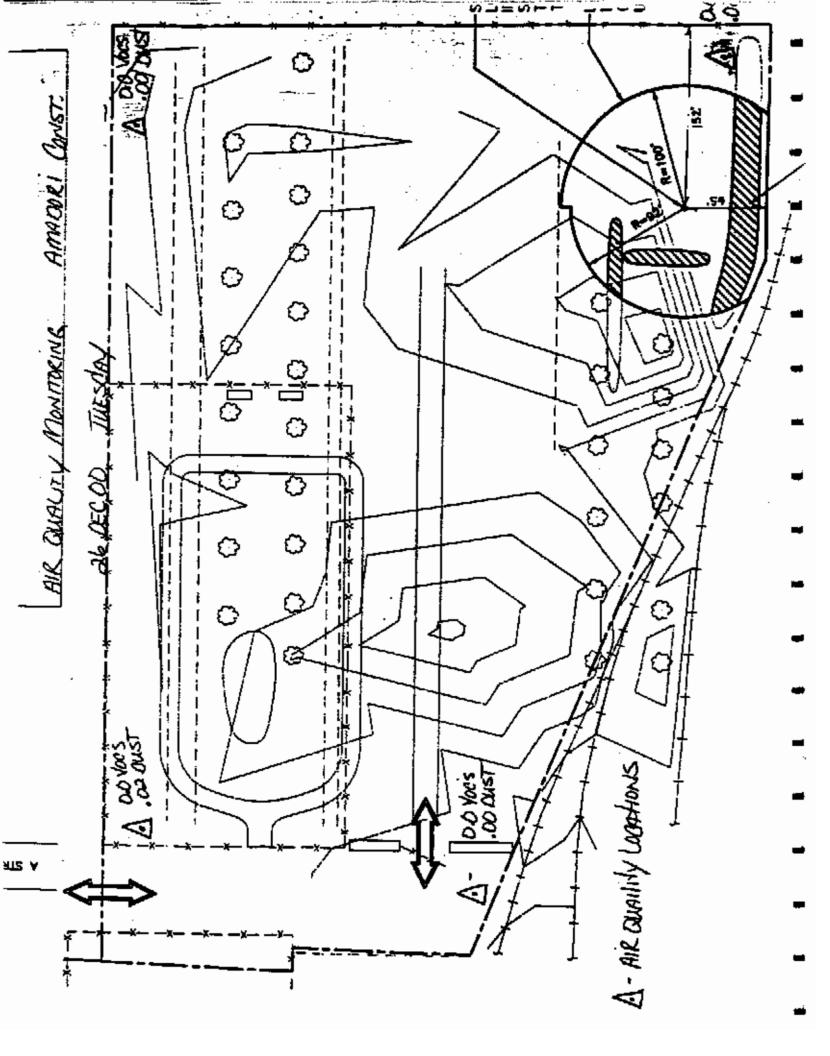
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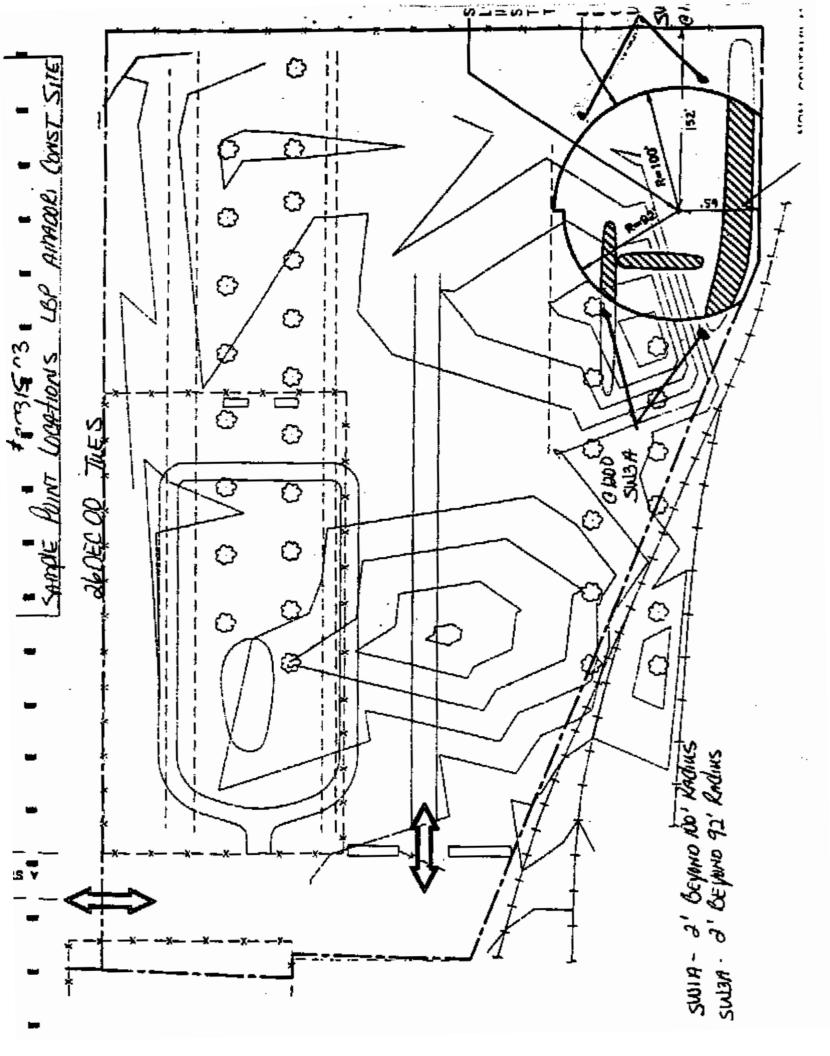
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# DAILY QUALITY ASSURANCE REPORT (Cont'd)

Other QA Activities and Remarks: SLC DID EXCAVATE ANOTHER 2' AROUND RADIUS URS SAMPLED @ THESE LOCATIONS SWIA & SW3A Will AWAIT RESULTS NO NEW DEVO priervites to Report All WORK WAS AS PER CONTRACT today. ALMACHMAN 8 Hours DATE: 36DECOD PAGE:3 OF 3 Prepared By: JAMES MONNIN ENGINSPECTOR 1/15/01

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ID WASTE	LH - HAZARDOUS LIGUID WASTE LF - FLOATBAGFREE PRODUCT ON GW TABLE	NO - DCEAN WATER NG - SUPPACE NATER NG - WATER FIELD DC	ne 9 9 9 9 9 9	WE - LEACHATE 09 - BOIL GAS WC - DRILLING HAT		NG - GYDLIND MATER SC - SCIL DC - DRVLL CIJTINGS	SC - DNL NG - SOL	NATES	VAP - DAUNCAR VAP - DAUNCARA WATER VAV - WASTE VENTER		REDILENT HAZANDOUB GOLD WASTE	1 <b>2</b> 8 3	Sin's
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## DAILY QUALITY ASSURANCE REPORT

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Date: 27 DECOD

Owner:	AMADORI CONST. CITY OF LACK.	Wester Sumy		Total Same
Contractor: URS Project No.:	BLC 35815.03	Temperanive C12 Temperanive Size Tempera	32-50         50-70           mm         pm         em         pm           Mandatanan         High         mm         pm           fm         (am, 2) (pm) ; am         pm         pm           Sabotanany         High         mm         pm           Sabotanany         High         mm         pm	Report No.
VISITORS:				
Time	S SURVEYORS	Representing	CROSS JECTIC	
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1330 DRI	Elo <u>stinpiko I</u> (1	ITY OF LACK	LHECKED ON PROG	(6-22
	ses attended and instruction	•		
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SLIPS, TRIPS	e FAlls			
EXSPOSURE (1	UND CHILL)			
FALLING BRAN				
FHIME ANAMA	ს <b>ოეპ</b>			
	tions & tests, deficiencies of to Contractor's activities:	served, actions taken,	& corrective action of Co	entractor, include
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	CIES TO REPORT			
SLC IS OBSE	ERVING, HEPANA &	SAFETY PLA.	N & FOLLOWN	G their
WORK PLAN.	1	/ /	/	
WWW PINO				
Oral Instruction data	n to Contractor (Include na	mor martiant and		
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	to begin G		KOBYTOIN OF	EXCHIVE TON
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INDIDE 92'	- 100' 12A01US	SO that B	ACKFILLING C	
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#### DAILY QUALITY ASSURANCE REPORT (Cont'd)

27 NECOU Date: Has anything developed regarding the work that might lead to a change order or finding of fact? () No ( ) Yes Describe: information on progress of work, causes for delays and extent of delays: SIOW PROBRESS WAS MADE TO DAY NO CELAYS to REPORT. Information, instructions, or actions taken not covered on QCR report, or disagreements; NONE @ this time Safety (Include any infractions of approved safety plan. Specify corrective action taken): NONE OBSERVED @ THIS TIME Other QA Activities and Remarks: URS PROVIDED OVERSIGHT FOR All REMEDIAL ACTIVITIES to day. SLC BEGAN BY CUTTING THE LAST OUTTON WOOD TREE DN SIGHT. URS SURVEYORS WERE ON SITE TO CROSS SECTION EXCAVATION AREA.

Prepared By: JAMES MONNIN ENG. INSPECTOR

Date J7 DE COO PAGE: 2 OF 3

Consultants, Inc.

VERRENATION A Res

27 DECOG

# DAILY QUALITY ASSURANCE REPORT (Cont'd) Date:

Other QA Activities and Remarks: CHRIS PAWENSKI (E QUINTY) WAS ON SITE TO CHECK ON PROGRESS SLC CONTINUED LOADING THE TREE & REMAINING CED ON SITE NO NEW DEVOLOMENTS to REPORT. ALL WORK WAS AS PER CONTRACT TODAY. NO AIR QUALITY MONITORING TO day SPOKE with CHUCK DUSEL & Advised Him of the REME CLATION ACTIVITIES FOR 26 DECOD & 27 DECOD SLC WILL BEGAN TO BACK FILL THE BOTTOM OF EXCAVATION AREA THUR 28 DECCO Amo Anomio

Prepared By: JAMES MONNIN\_ENG.INSPECTOR

1/15/01

DATE: J7DECOD PAGE:3 OF 3

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## DAILY QUALITY ASSURANCE REPORT

URS

Consultants, Inc.

Project:       AMADORI CONST.         Owner:       City OF LACK.         Contractor:       BLC         URS Project No.:       35815.03         Wind       Solary       Class       Overcal       Run       Senv         Humiliary       Op       All       Jm       Cap       All       Jm       Senv       Jm       Jm
VICITADE.
Time Name Representing Remarks OBCO KEVIN GUAZER DEC CHECKED ON PROCRESS
CQC Inspection phases attended and instructions given:
HEAHA & SAFETY MEETING
Sups. TRIPS & FAILS
TRUCK TRAFFIC
Exsposure
Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities:
WLS PERFORMED ON INSPECTION ON 20 DECOD
NO DEFICIENCIES to REPORT
SLC CONTINUES TO FOLLOW WORK PLAN
Oral Instruction given to Contractor (Include names, reactions, and remarks);
NONE GIVEN @ this time
TRUNC GROUND P. THIS TIME
Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 28 DECOD PAGE: 1 OF 3
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12/1 (AM) 10 19 AM

# DAILY QUALITY ASSURANCE REPORT (Cont'd)

No (	ing developed regarding the work that might lead to a change order or finding of fact?
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informati	on on progress of work, causes for delays and extent of delays:
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Informati	on, instructions, or actions taken not covered on QCR report, or disagreements:
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Safety (In	clude any infractions of approved safety plan. Specify corrective action taken):
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Other QA	Activities and Remarks:
krs pi	EOVIDED OVERSIGHT FOR ALL REME CLAHON ACTIVITIES
IN ZE	DEC DD
IRC N	NET W/ KEVIN BLAZER (DEC) AND DISCUSSED WORK
45 1	
HOGLE	ss & the ANALITICAL TEST RESULTS ON SWING SW3

от кан Ф**СОА\_Ки** 12/т ию то то **А**М

#### DAILY QUALITY ASSURANCE REPORT (Cont'd) Date: 28 DECOD 
the ExcavAtION AREA Still AWAITING the test RESULTS FOR SWIA. SO THAT WE CAN DETERMINE ENTHER TO BACK FILL THAT ARETA OR. CONTINUE TO EXCAVATE All WORK WAS AS FOR CONTRACT today.

AMP AND MAR

Prepared By: JAMES MONNIN ENG.INSPECTOR

1319.22 (55) TRICKS

C. Dung 1/15/01

12/11/00 10 19 AM

8 Hours

DATE: 28 DECOO PAGE: 3 OF 3

URS

#### DAILY QUALITY ASSURANCE REPORT

Date: 29 DEC 0

AMADORI CONST. Project: CITY OF LACK. Owner: BLC Contractor: Report No. 35815.03 URS Project No.: ጓ VISITORS: Time Name **Representing** Remarks KEVIN GLAZER CHECKED ON REMEdiation DYDD DEC. PROGRE 55 COC Inspection phases attended and instructions given: HEAlth & SAFETY MEETING SLIPS. TRIPS & Falls TRUCK TRAFFIC EXSPOSURE Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include comments pertaining to Contractor's activities: URS PERFORMED QA INSPECTION ON 29 DEC 00. No deficiencies to Report SLC IS PERFORMING AS PER THEIR CONTRACT. Oral Instruction given to Contractor (Include names, reactions, and remarks); Advised she that they MAY NEED TO EXCAVATE FuthER PENding ON ANALITICAL RESULTS ON SWIA WRS HAS ACHISED SLC TO FINISH BACKFILLING & SEEDING test RESULTS PRE < SOPPM. Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 29 DECOD PAGE: 1 OF 3 D1.00014/DOA\_Rpt 12/11/00 ID 19 AM

#### URS

Consultants, Inc.

## DAILY QUALITY ASSURANCE REPORT (Cont'd)

Has anything developed regarding the work that might lead to a change order or finding of fact? (\A) No ( ) Yes Describe: Information on progress of work, causes for delays and extent of delays: PROGRESS WAS MADE BY SLC ON BACKFILLING EXCAVATION AREA. ANALITICAL RESULTS FOR SWIA IS THE ONLY DELAY to REPORT Information, instructions, or actions taken not covered on QCR report, or disagreements: NONE @ this time Safety (Include any infractions of approved safety plan. Specify corrective action taken): NONE OBSERVED @ THIS TIME Other OA Activities and Remarks: URS provided OVERSIGHT ON ALL REMEDIAL ACTIVITIES ON 29 DECOD SLC CONTINUES TO DEFFORM AS DER THEIR CONTRACT. SLC Also SAMPLED THE SS GALLON CRUM ON 28 DECOD that is LOCATED ON SITE. SLO WILL PROVIDE ANALITICAL Results from the 55 Gallow

Prepared By: JAMES MONNIN ENG. INSPECTOR

Date: 29 DECOD PAGE:2 OF 3

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## DAILY QUALITY ASSURANCE REPORT (Cont'd)

Other QA Activities and Remarks: SIC CONTINUED TO FINISH BACK FILLING & SEEdING ON 29 DEC 00 SLC Also Mulch AS THEY WERE SEEding All WORK WAS AS PER CONTRACT. NO INCIDENTS to REPORT WIll RECONVIEW BACK ON SITE 2JANOI FOR FINAL QA INSPECTION & DECON NORK. WWD AND MANA 8 Hurs

Prepared By: JAMES MONNIN ENG. INSPECTOR

DATE: 29 DECOD PAGE: 3 OF 3

C. Dung (/15/01

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#### URS

Consultants, Inc.

### DAILY QUALITY ASSURANCE REPORT

Date: //2 AMADORI CONST. Project: CITY OF LACK. Очыст: SLC. Contractor: Report No. 35815.03 URS Project No.: VISITORS: Representing Time Name Remarks URS SURVEYORS CHUCK DUSE DREW SHAPIRO urs ORASS SECTIONS 1000 FRAL INSPECTION 1200 INAL INSPECTION VOFLACK 1200 <del>300</del> CTION COC Inspection phases attended and instructions given: HEALTH & SAFETY PLAN SLIPS, TR'PS & FAILS EXSPOSURE. Results of QA inspections & tests, deficiencies observed, actions taken, & corrective action of Contractor. Include URS PERTORINE ( QA INSPECTION ON ODJANOI NU DEFICIENCIES to REPORT. SLC IS PERFORMING IS PER THEIR CONTRACT. Oral Instruction given to Contractor (Include names, reactions, and remarks): Advised SLC TO RELOCATE THE 55 GAllow drum TOASECURE AREA & AN AREA THAT WOULD DE EASY to ACCESS UPON RETURN to REMOVE drum. Prepared By: JAMES MONNIN ENG. INSPECTOR DATE: 02 JANUI PAGE:1 OF 3 B1 DB014/DQA\_Rpt

12/11/00 ID,19 AM

#### DAILY QUALITY ASSURANCE REPORT (Cont'd)

Dates Day

Has anything developed regarding the work that might lead to a change order or finding of fact? () No ( ) Yes Describe: Information on progress of work, causes for delays and extent of delays; NO CELAYS to REPORT. Information, instructions, or actions taken not covered on QCR report, or disagreements: NONE @ this time Safety (Include any infractions of approved safety plan. Specify corrective action taken): NoNE Observed & this time Other QA Activities and Remarks: URS PROVIDED OVERSIGHT FOR ALL ADVITUES ON OB JANOI ALL WORK WAS DONE AS PER CONTRACT TO CAY. SLC OBSERVED ALL HEALTH & SAFETY ISSUES TODAY. FINAL RESTORATION WAS COMPLETED TODAY BY SLC. ENVIROMENTAL ALL EQUIPMENT WAS DECONED AS DER CONTRACT

Prepared By: JAMES MONNIN\_ENG, INSPECTOR.

Date: 02 JANOI PAGE: 2 OF 3

## DAILY QUALITY ASSURANCE REPORT (Cont'd)

D2 JAN C

Other OA Activities and Remarks: SLC did MOVE the 55 GALLAN day up TO the FENCE to Allow for EASY ACCESS UPON their Return to dispose of the drum URS'S SURVEYORS WERE ON SITE TO SHOOT CROSS SECTIONS & SOFT OF SEEDING & MUCHING, NO INCIDENTS TO REPORT. FINAL INSPECTION WAS completed of JANOI BY URS. All was found to be AS DER CONTRACT. SIC ENVIROMENTAL ABREARMED EXCELLENT ON All REMEDIAL ACTIVITIES @ THE LOP AMADORI CONST SITE . Mapania 8 Hines

Prepared By: JAMES MONNIN ENG. INSPECTOR

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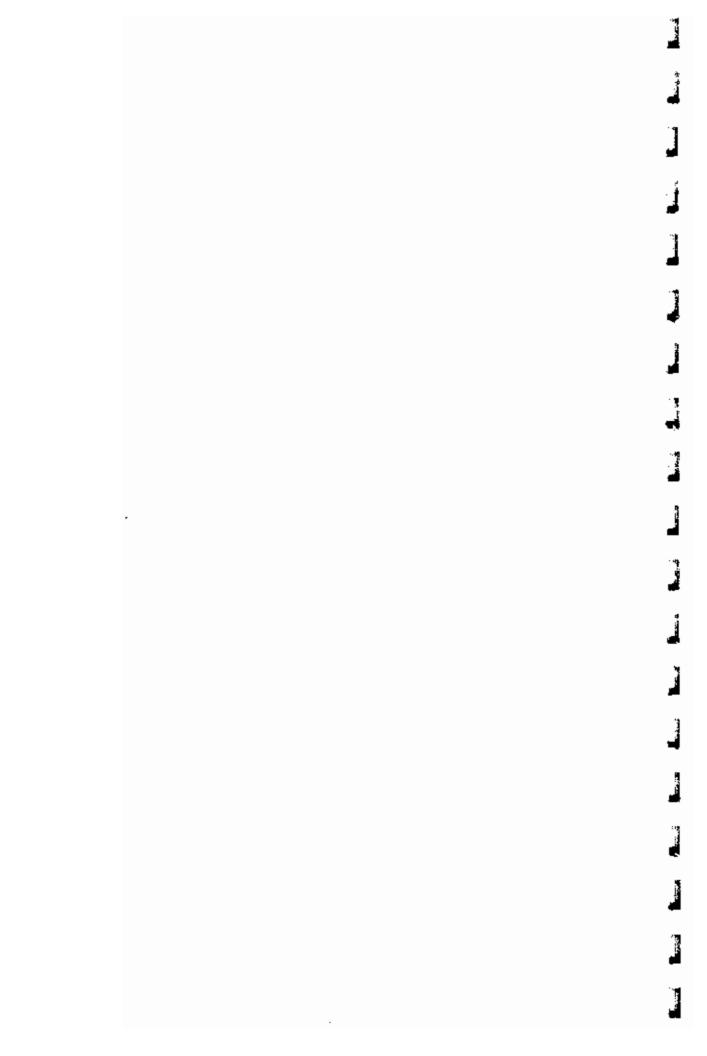
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### APPENDIX G

### INSPECTORS LOG BOOK

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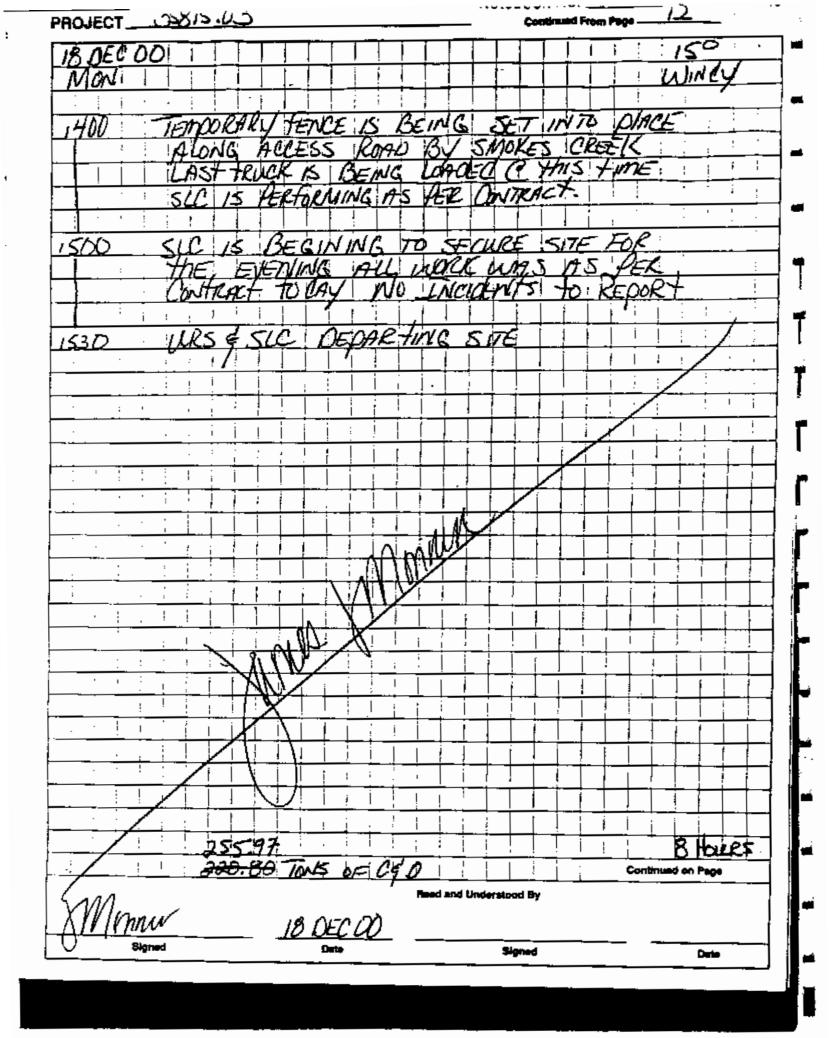
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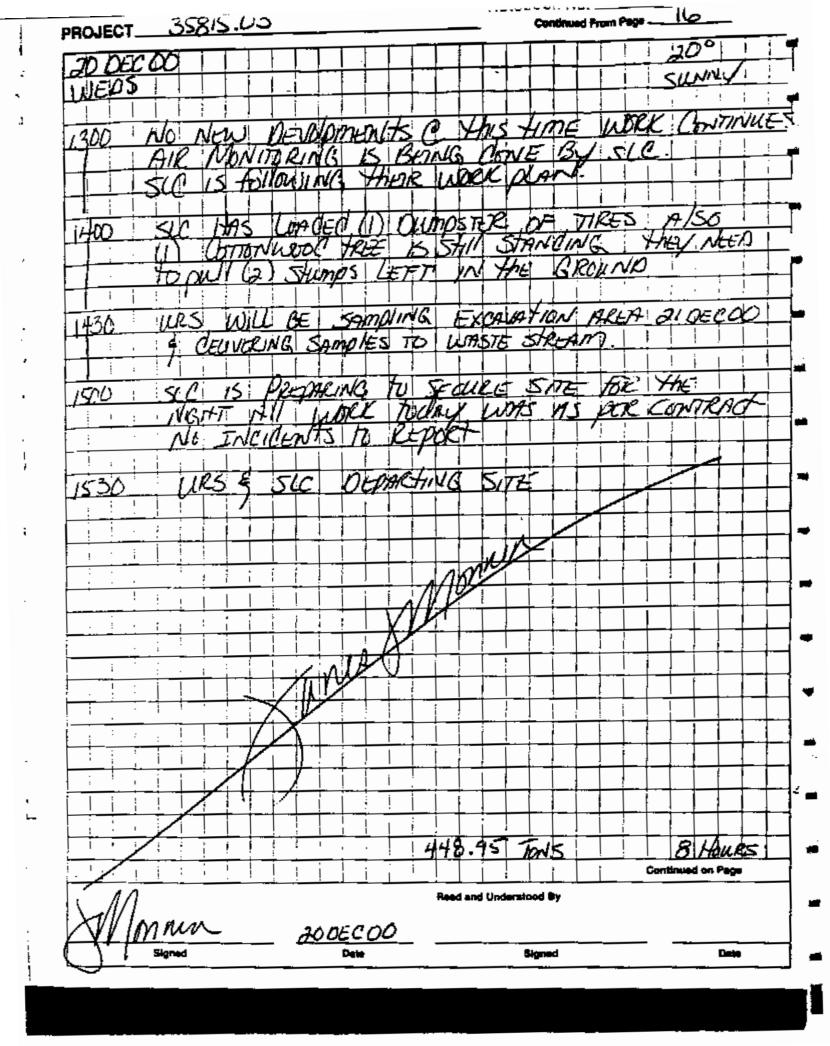
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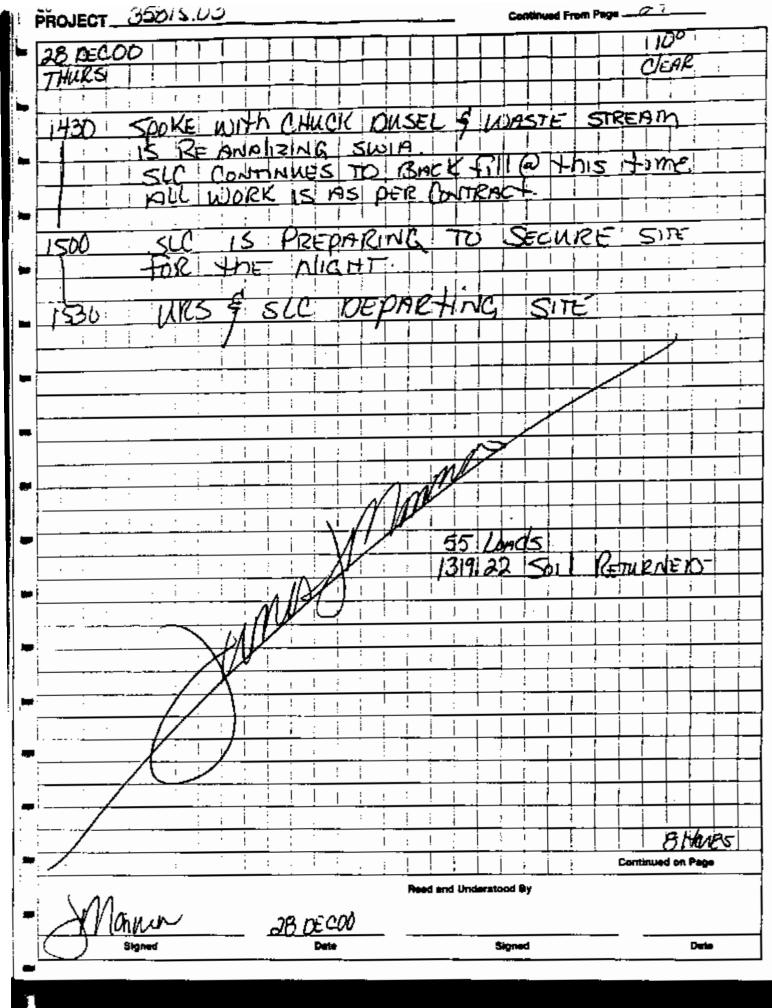


PROJECT CUS.US ľÔ Continued From Page -AL DECOO 200 .1 : THURS SUMMU 1300 STRIK NILED SOIL SHULL DE-KENKEP FROM SITE TO. CAY! CONST REPORT SLC: HAS PROVIDED URS W. Daily 12 DEC 00 - 15 DEC 00 LCA TRUCKING THIS (4) TRUCKSON SITE @ 4415 1330 TIME TO FINGH LOADING CONTAMENATED SOL 1400 DICTURES OF EXCAVATION ARE FREING юĸ EAST SOUTH & NORTH WILL FNTER INTO WEST PHOTO LOG SLA COTTONIUBOO TREE STANDING 5711 Hns 11 ALSO THEY NEED TO REMOVE STUMPS FROM (2 FALLEN TREES ALSO HAS CED LEFTER ON SITE PROVIDED WRS W/ SCALE & MANIFEST 1415 5/' HAS ICKEITS SOIL & CFD REMNAL SHOW SLC IS CONTINULING LUDGING SOIL to this POINT All IS AS PER CONTRACT THERE WERE NO INCIDENTS TO REPORT 1500 DREPARING TO SECREE SITE FOR THE NIGHT SLC TRUCKS TIMO OUT. EFT TO **-** <u>15</u>30 1125 SIL DEDARTING 81 HOURS Continued on Page Read and Understood By ∂1*0*€¢00 Signed Cete Signed Dete

Centinued From Page \_\_\_\_\_20 PROJECT\_32015.03 130 ŧ, 22 DEC 0101 SNOW i L SECURE FOR Holian 1230 PREDARING SITE  $\pi$ 15 WER TO DAY WMS 195 KFNO A-11 AlkNG HAS. REMOVING SNO GUI R 120 EMAINING Sitt YRFF ΛŃ hSERVED N TSSVE WERF E SATET Ī 1300 DARTING SITE < nDEPARTING IR< SITE 1330 i ŕ L : : ! I ł i NOTE ; SPOKE with CHUCK DUSE! GURS YHE. ANAMCAI ACVIS-C. mi that Saal 5W1 \$ 5U13 DAL WERE LEGUITS GATINUE  $\mathcal{T}$ 92' Roders 00 14 ANAHON Nr O gNOYTHER. BEGIN 2 ON THE DEC 0D 26 Kyne ! RESULTS: SWI- VISSpon SW2 38 ppm 8 Houks EST 513.33  $\kappa \omega 3^{-1}$ 72 ppm 5016 **Continued on Page** KEMOVED L SOppin Μυ Read and Understood By 10nnt 22 DECOD Signed Date Signed Dete

PROJECT 35815.03 Continued From Page 300 27 DEC DD DERCAST VIEDS DFOO ILPS & SLC ON SITE EAVING SITE TO DEIVER SAMPLE ·/ 5 07-30 : 1 1 TO WASTE STREAM i SWIA & SW3A ULRS 5 SURVEYORS KETURNED TO URS SITE HAS DBISE COMPLETE CROSS SECTIONS ON SITE 775 COTENWOOD TREE ANT DOWN NEBRIS CHANING UP THE DEPARTE JURVEVORS HAVE SITE 0915 i HUNTUS his 777 ¥ ı. NTR ARE HAS MADE MENTION YHAT THE 1000 NCERNED THAT THEY WON'T GET DAID FXCAVATION - AQVISED ODNE. HOR EXTRA 7 PFOHL TU CALL CHUCK DUSED KERIN ORDER 560 70 لعان HURS 28 VERHICATION THAT SOI HAS n 15 ?'Æ₩ LETAN \* ATTACHED (DDIES NAIIN 77 27 DEC DK GOORT TOK 1036 DWDDSTR CONTINUES HREE INTU | URD -HMF AER CONTEAC 175 RIE UDRK 15 į : Continued on Page 25 Read and Understood By enniñ. **ふちゃい** テ に いつ Signed Signed Dete

PROJECT\_35815.03 Continued From Page 30 28 DECOD CIEHK HURS 1 ! 1 1 TIRS & SLC ON SITE 0700 3 DEGAN LOADING KEMPAINING CG ON SITE DUMOSTERS 0730 SLU INTD. BERIN DWMPING LCA TRUCKING ON SITE. DBOU 10 MID LARY ID EVIN CAZEP DEC AN SITE TO CHECK ON MOUNTIEN //N/MSKIT FMENINHON CALL ANALITC URS WHEN  $\overline{\mathcal{D}}$ 100AL BACK 0830 SLC BEGINNING TOI BACK Fil רמטדוטא EXCAVATION AREA FRUM CHICK DUSEL FOR THE AWAITING CALL, ANALIHOAL RESULTS 0930 SLC CONTINUES TO BACK Fill @ this time WORK IS AS PER CONTRACT.C. this time. HL (DNCITIONS TOCAL nsin EMAINS ON SITE SOME THE 55 GALLON DRWM 197E uF STERPITEN he use of RUT, SITE TOR BACK ERIFCATIM HNERF 701 15 NO 4XXh 4 ITN FAN n L С Continued on Page 37 Read and Understood By Imm. BECK Signed Date



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**APPENDIX H** 

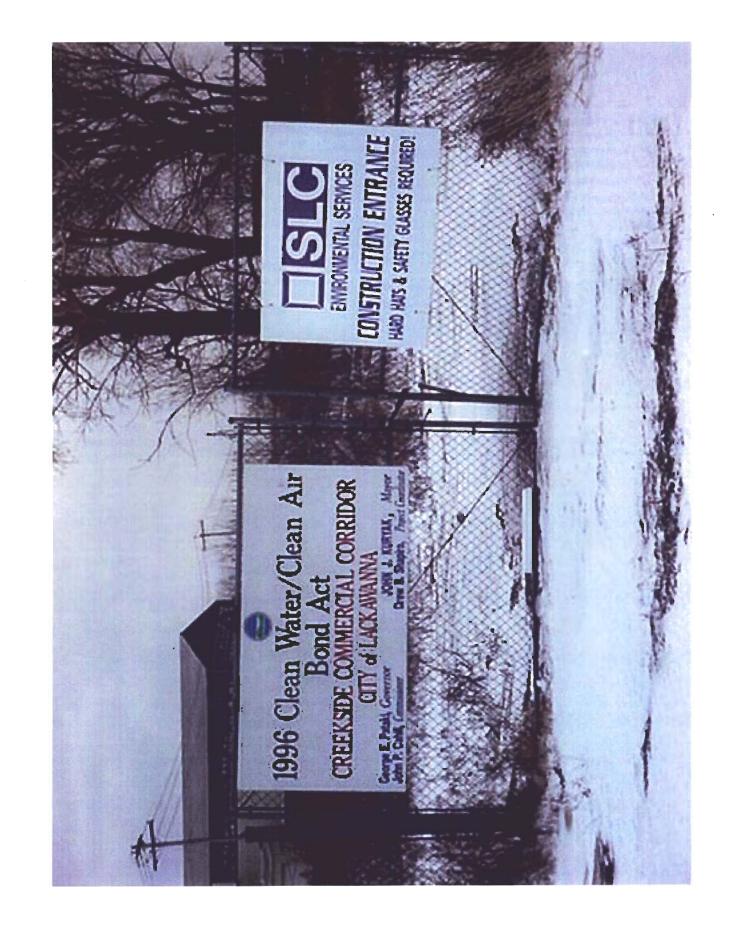
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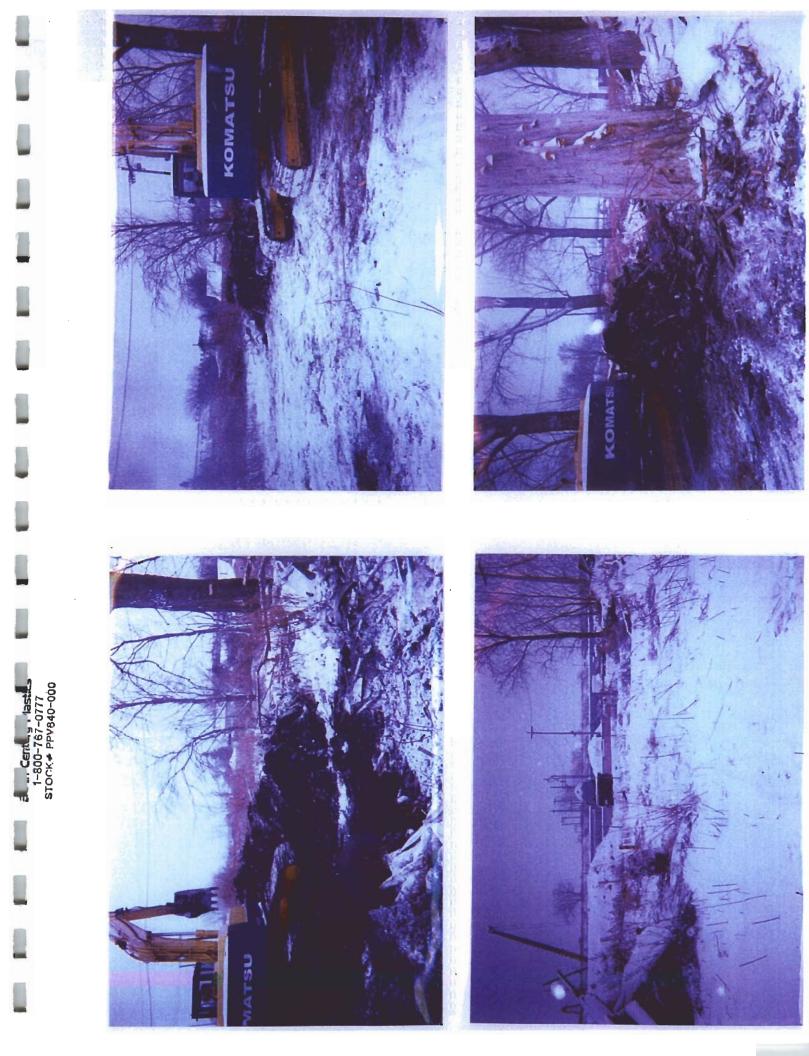
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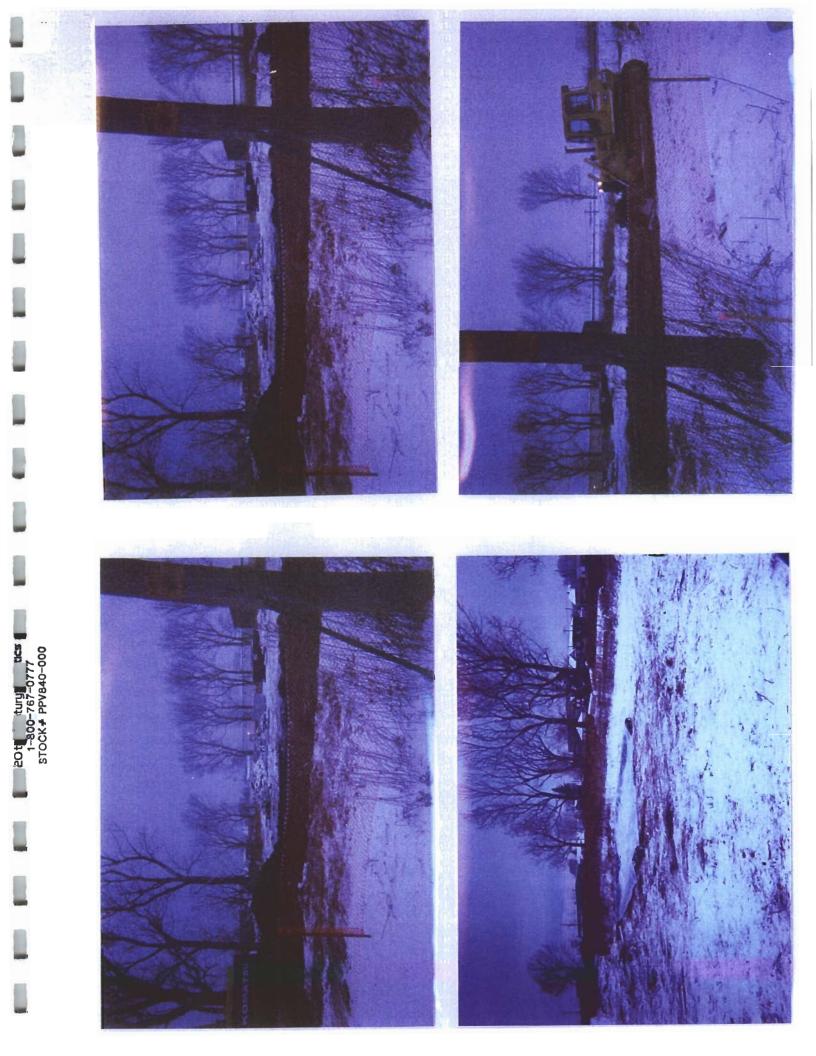


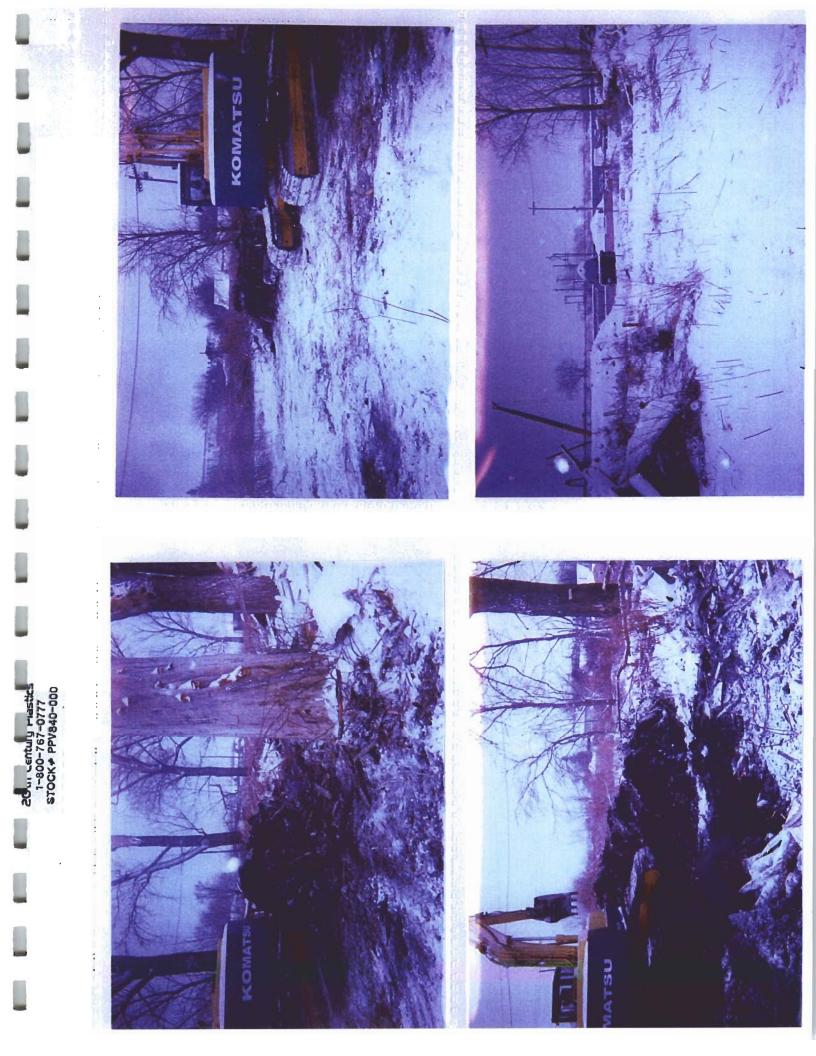


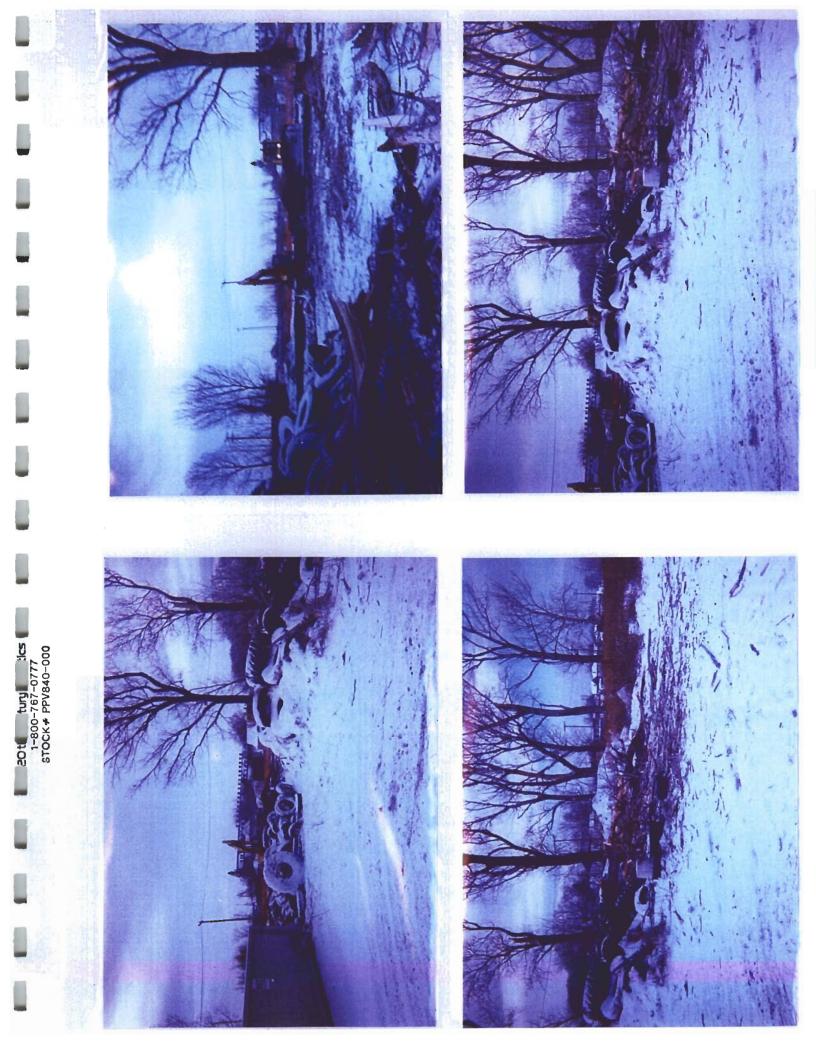




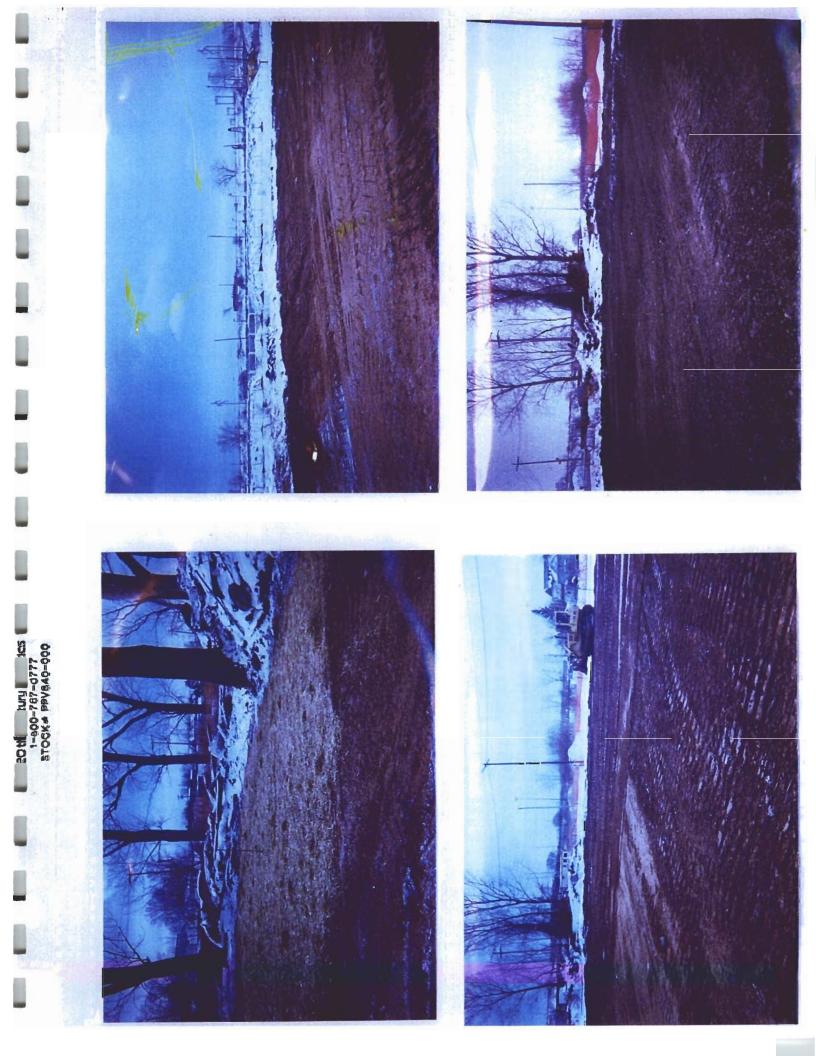














## **DEED RESTRICTION**

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Mr. Charles Dusel, Jr., Project Manager URS Greiner 282 Delaware Avenue Buffalo, NY 14202

April 3, 2001 ard Clyde APR 0 4 ZUST JOB#\_0500035 R15 CC:

Dear Mr. Dusel:

Attached is the Deed Restriction with a Metes and Bounds property description for you to attach to your final report for the Amadori remediation project under the 1996 Clean Air/Water Environmental Quality Bond Act – Brownfields Program.

If you have any questions regarding this documentation please feel free to contact me at 823-5124 and I will be more than happy to address your inquiries. Thank you for your continued cooperation and support on this project.

Sincerely,

Drew B. Slipur

Drew B. Shapiro Empire Zone Director

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ERIE COUNTY CLERKS OFFICE County Clerk's Recording Page

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STATE OF NEW YORK ERIE COUNTY CLERKS OFFICE

WARNING - THIS SHEET CONSTITUTES THE CLERK'S ENDORSEMENT, REQUIRED BY SECTIONS 319&316-a (5) OF THE REAL PROPERTY LAW OF THE STATE OF NEW YORK. DO NOT DETACH. THIS IS NOT A BILL.

> DAVID J SWARTS COUNTY CLERK



## RESTRICTIVE COVENANT

Made this 27 day of March, 2001.

This restriction shall be construed as a restrictive covenant running with the land which was conveyed in a deed from County of Erie to City of Lackawanna, recorded in liber 10909 of Deeds at page 7768 on December 2, 1996, and was subsequently divided leaving a 7.96 acre site, SBL Number 141.20-1-2.11 and more particularly described as :

All that Tract or Parcel of Land situate in the City of Lackawanna, County of Erie and State of New York and being a part of Lot No. 22, Township 10, Range 8 of the Buffalo Creek Reservation, bounded and described as follows:

Beginning at a point 158.785 feet south of the Dona Street right-of-way and located on the "A" Street west right-of-way; thence southerly along the westerly right-of-way of "A" Street a distance of 187.85 feet to a point; thence easterly a distance of 19.84 feet to point; thence southerly a distance of 145.34 feet to a point; thence south easterly a distance of 637.46 feet to a point located on the north rightof-way of the South Buffalo Railway; thence easterly along the South Buffalo Railway right-of-way a distance of 193.65 feet to a point; thence northerly along the westerly line of property owned by the County of Erie a distance of 533.03 feet to a point; thence westerly a distance of 800.06 feet to a point, and thence northerly a distance of 30.00 feet to the point of beginning.

This restriction is imposed pursuant to requirements of the Lackawanna Business Park-Brownsfields Project No. B00080-9.

The restriction is as follows:

THE SITE WILL BE RESTRICTED FOR COMMERCIAL/INDUSTRIAL USE ONLY AND ALL EXPOSED FILL AREAS NOT COVERED BY PARKING AREAS, ROADWAYS OR BUILDINGS WILL BE COVERED WITH CLEAN TOPSOIL AND VEGETATED.

John J. Kuryak, Mayor City of Lackawanna

<u>3-27-0/</u>

STATE OF NEW YORK ) COUNTY OF ERIE ) ss:

On the  $\underline{\mathcal{M}}^{t}$  day of  $\underline{\mathcal{M}}_{t}$ , in the year 2001, before me, the undersigned, a notary public in and for said state, personally appeared John J. Kuryak, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual or the person upon behalf of which the individual acted, executed the instrument.

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Notary Public

PATRICIA A. DEREN NOTARY PUBLIC, STATE OF NEW YORK QUALIFIED IN ERIE COUNTY My Commission Expires March 9, 2022



## STATE OF NEW YORK, COUNTY OFVERIE, SA:

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Price J. Water