EPA Region 5 Records Ctr.
228776

ENTACT
environmental tactics in waste management

March 30, 2000

Re: Analytical Data for Soil Pile Samples
Master Metals Inc., Cleveland Site, Cleveland, OH

On February 29, 2000, ENTACT personnel collected one soil grab sample from the covered soil pile presently located at the Cleveland Master Metals Site. The grab sample was collected from the central portion of the pile, homogenized in a disposable plastic baggie and split into two equivalent samples by transferring the soil into two clean laboratory sample jars. The first jar was designated as the environmental sample and given the sample identification "US-001". The second jar was designated as the field duplicate sample and given the sample identification "FD-001". The samples were submitted to Test America Laboratories for total lead analysis using method SW-846 Methods 3050A and 6010A.

Analyzed total lead concentrations were 880 mg/kg for the environmental sample and 861 mg/kg for the field duplicate sample, yielding an acceptable relative percent difference of 2%. Remaining laboratory QA/QC analyses – continuing calibration verification, method blank, laboratory control standard and batch matrix spike/matrix spike duplicate results were within acceptable data quality objective limits. All data was acceptable without qualification.

The analytical data packages are attached.

Patrick Dunne
ENTACT

Chicago Office
1360 North Wood Dale Road, Suite A • Wood Dale, IL 60191 • 630.616.2100 • Fax 630.616.9203
Chicago • Dallas

TestAmerica
INCORPORATED

Mr. M. Stoub
ENTACT (IL)
1360 Woodale Road
Suite A
Woodale, IL 60191

03/29/2000

Job Number: 00.02292

IEPA Cert. No.: 100221
WDNR Cert. No.: 999447130

Enclosed is the Analytical and Quality Control reports for the following samples submitted to Bartlett Division of TestAmerica for analysis.

Project Description: C-511

| Sample Number | Sample Description | Date Taken | Date Received |
|---|---|---|---|
| 570249 | US-001 | 02/29/2000 | 03/09/2000 |
| 570250 | FD-001 | 02/29/2000 | 03/09/2000 |

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. These results apply only to the samples analyzed. Reproduction of this report only in whole is permitted. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Procedures used follow TestAmerica Standard Operating Procedures which reference the methods listed on your report. Should you have questions regarding procedures or results, please do not hesitate to call. TestAmerica has been pleased to provide these analytical services for you.

This Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Approved by:

Mary Pearson

Mary Pearson
Project Manager

850 W. Bartlett Rd. / Bartlett, IL 60103-4400 / 630-289-3100 / Fax: 630-289-5445 / 800-378-5700

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# ANALYTICAL REPORT

Instrument Detection Limit

Mr. M. Stoub
ENTACT (IL)
1360 Woodale Road
Suite A
Woodale, IL 60191

03/29/2000

Sample No. : 570249

Job No.: 00.02292

Sample Description: US-001
C-511

Date Taken: 02/29/2000
Time Taken: 10:52
IEPA Cert. No. 100221

Date Received: 03/09/2000
Time Received: 15:35
WDNR Cert. No. 999447130

| Parameter | Result | Flag | Units | Date Analyzed | Reporting Limit | Analyst | Batch No. Prep/Run | Analytical Method |
|---|---|---|---|---|---|---|---|---|
| Solids, Total | 85.2 | | % | 03/13/2000 | 0.1 | mws | 3398 | SM 2540 |
| Lead, ICP | 880 | | mg/kg dw | 03/22/2000 | 4.7 | kdw | 1578 2318 | SW 6010B |



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# ANALYTICAL REPORT

Mr. M. Stoub
ENTACT (IL)
1360 Woodale Road
Suite A
Woodale, IL 60191

03/29/2000

Sample No. : 570250

Job No.: 00.02292

Sample Description: FD-001
C-511

Date Taken: 02/29/2000
Time Taken: 10:52
IEPA Cert. No. 100221

Date Received: 03/09/2000
Time Received: 15:35
WDNR Cert. No. 999447130

| Parameter | Result | Flag | Units | Date Analyzed | Reporting Limit | Analyst | Batch No. Prep/Run | Analytical Method |
|---|---|---|---|---|---|---|---|---|
| Solids, Total | 87.1 | | % | 03/13/2000 | 0.1 | mws | 3398 | SM 2540 |
| Lead, ICP | 861 | | mg/kg dw | 03/22/2000 | 4.6 | kdw | 1578 2318 | SW 6010B |



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# QUALITY CONTROL REPORT

## CONTINUING CALIBRATION VERIFICATION

ENTACT (IL)
1360 Woodale Road
Suite A
Woodale, IL 60191
Mr. M. Stoub

03/29/2000

Job Number: 00.02292

| Analyte | Run Batch Number | CCV True Conc. | Conc. Found | Percent Recovery |
|---|---|---|---|---|
| Lead, ICP | 2318 | 2.00 | 1.915 | 95.8 |

CCV - Continuing Calibration Verification



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# QUALITY CONTROL REPORT

## BLANK ANALYSIS

ENTACT (IL)
1360 Woodale Road
Suite A
Woodale, IL 60191
Mr. M. Stoub

03/29/2000

Job Number: 00.02292

| Analyte | Prep Batch Number | Run Batch Number | Blank Analysis Results | Units | Reporting Limit | Analytical Method |
|---|---|---|---|---|---|---|
| Solids, Total | | 3398 | <0.1 | % | 0.1 | SM 2540 |
| Lead, ICP | 1578 | 2318 | <4.0 | mg/Kg | 4.0 | SW 6010B |

Advisory Control Limits for Blanks:

All compounds should be less than the Reporting Limit, except for phthalate esters, toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit.



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# QUALITY CONTROL REPORT

## LABORATORY CONTROL STANDARD

ENTACT (IL)
1360 Woodale Road
Suite A
Woodale, IL 60191
Mr. M. Stoub

03/29/2000

Job Number: 00.02292

| Analyte | Prep Batch Number | Run Batch Number | True Conc. | Conc. Found | LCS % Recovery |
|---|---|---|---|---|---|
| Lead, ICP | 1578 | 2318 | 0.500 | 0.5123 | 102.5 |



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# QUALITY CONTROL REPORT

## MATRIX SPIKE/MATRIX SPIKE DUPLICATE

ENTACT (IL)
1360 Woodale Road
Suite A
Woodale, IL 60191
Mr. M. Stoub

03/29/2000

Job Number: 00.02292

| Analyte | Prep Batch Number | Run Batch Number | Matrix Spike Result | Sample Result | Spike Amount | Units | Percent Recovery | MSD Result | MSD Spike Amount | Units | Percent Recovery | MS/MSD RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lead, ICP | 1578 | 2318 | 141 | 120 | 23.1 | mg/kg | 90.9 | 143 | 24.9 | mg/kg | 92.4 | 1.4 |
| | | 3128 | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | |

NOTE: Matrix Spike Samples may not be samples from this job.

Advisory Control Limits for MS/MSDs:

For Inorganic Parameters and GC Volatiles, the spike recovery should be 75 - 125% if the spike added value was greater than or equal to one fourth of the sample result value. If not, the control limits are not established. The RPD for the MS/MSD pair should be less than 20.

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference

RPD calculations are performed on the Percent Recovery calculated from the observed Matrix spike and Matrix Spike Duplicate results.



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# QUALITY CONTROL REPORT

## DUPLICATES

ENTACT (IL)
1360 Woodale Road
Suite A
Woodale, IL 60191
Mr. M. Stoub

03/29/2000

Job Number: 00.02292

| Analyte | Prep Batch Number | Run Batch Number | Original Analysis | Duplicate Analysis | Units | RPD |
|---|---|---|---|---|---|---|
| Solids, Total | | 3398 | 87.1 | 87.8 | % | 0.8 |

NOTE: Spikes and Duplicates may not be samples from this job.

RPD - Relative Percent Difference

Advisory Control Limits for Duplicates - RPD should be less than 20.



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TestAmerica, Bartlett Division

KEY TO ABBREVIATIONS and METHOD REFERENCES

| | | |
|---|---|---|
| < | : | Less than; When appearing in the results column indicates the analyte was not detected at or above the reported value. |
| mg/L | : | Concentration in units of milligrams of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per million (ppm). |
| ug/g | : | Concentration in units of micrograms of analyte per gram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per million (ppm) or mg/Kg. |
| ug/L | : | Concentration in units of micrograms of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per billion (ppb). |
| ug/Kg | : | Concentration in units of micrograms of analyte per kilogram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per billion (ppb). |
| TCLP | : | These initials appearing in front of an analyte name indicate that the Toxicity Characteristic Leaching Procedure (TCLP) was performed for this test. |
| Surr: | : | These initials are the abbreviation for surrogate. Surrogates are compounds that are chemically similar to the compounds of interest. They are part of the method quality control requirements. |
| % | : | Percent; To convert ppm to %, divide the result by 10,000.<br>To convert % to ppm, multiply the result by 10,000. |
| ICP | : | Indicates analysis was performed using Inductively Coupled Plasma Spectroscopy. |
| AA | : | Indicates analysis was performed using Atomic Absorption Spectroscopy. |
| GFAA | : | Indicates analysis was performed using Graphite Furnace Atomic Absorption Spectroscopy. |
| PQL | : | Practical Quantitation Limit; the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. |

Method References


(1) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986.

(2) ASTM "American Society for Testing Materials"

(3) Methods 100 through 499: see "Methods for Chemical Analysis of Water and Wastes", USEPA, 600/4-79-020, Rev. 1983.

(4) See "Standard Methods for the Examination of Water and Wastewater", 17th Ed, APHA, 1989.

(5) Methods 600 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants", USEPA Federal Register Vol. 49 No. 209, October 1984.

(6) Methods 500 through 599: see "Methods for the Determination of Organic Compounds in Drinking Water," USEPA 600/4-88/039, Rev. 1988.

(7) See "Methods for the Determination of Metals in Environmental Samples", Supplement I EPA-600/R-94/111, May 1994.

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(8) See "Standard Methods for the Examination of Water and Wastewater", 18th Ed., APHA, 1992.

(9) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986, Including Updates I and II.

(10) This method is from the 2nd Edition of "Test Methods for Evaluating Solid Waste", USEPA SW-846. It has been dropped from the 3rd Edition, 1986.

*Chain of Custody Record*

# TESTAMERICA INC.



☐ Asheville, NC (A) (828) 254-5169 ☒ Bartlett, IL (C) (630) 289-3100 ☐ Cedar Falls, IA (E) (319) 277-2401 ☐ Charlotte, NC (G) (704) 392-1164 ☐ Dayton, OH (I) (937) 294-6856 ☐ Lumberton, NC (K) (910) 738-6190 ☐ Nashville, TN (M) (615) 726-0177 ☐ Pontiac, MI (O) (248) 332-1940 ☐ Rockford, Il (Q) (815) 874-2171

☐ Atlanta, GA (B) (770) 368-0636 ☐ Brighton, CO (D) (303) 659-0497 ☐ Charleston, SC (F) (843) 849-6550 ☐ Columbia, SC (H) (803) 796-8989 ☐ Davenport, IA (J) (319) 323-7944 ☐ Indianapolis, IN (L) (317) 842-4261 ☐ Macon, GA (N) (912) 757-0811 ☐ Orlando, FL (P) (407) 851-2560 ☐ Watertown, WI (R) (920) 261-1660

Client: ENTACT (C-511)
Project No.: C-511
Report Address: ENTACT 1360 N. WOODDALE Rd, Ste A. Wood Dale IL 60191
Invoice Address: A/B
Attn: M. STOUB
Attn:
Phone No.: (630) 616-2100
Sampled By: RR
Fax No.: (630) 616-1543
P.O. No:
Quote No.
State Samples Collected OH

TURNAROUND TIME
☒ Standard
☐ Rush (surcharges may apply)
Date Needed: 3/13/00

REQUESTED PARAMETERS: TOTAL LEAD (6010B)

Is this work being conducted for regulatory compliance monitoring? Yes___ No___

Is this work being conducted for regulatory enforcement action? Yes___ No___

Which regulations apply:
RCRA___ NPDESWastewater___
UST___ Drinking Water___
Other___ None___

| Sample ID | Date | Time | Comp (C) Grab (G) | Matrix | Lab Use | TOTAL LEAD (6010B) | # and type of containers: HCl | NaOH | $HNO_3$ | $H_2SO_4$ | Other | None | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| US-001 | 2/29/00 | 1200 | G | S | | X | | | | | | 1 | |
| ~~FD-001~~ RMD | | 1052 | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| FD-001 | 2/29/00 | ~~1200~~ | G | S | | X | | | | | | 1 | |
| | | 1052 | | | | | | | | | | | |

QC Deliverables: ☐ None ☐ Level 2 - Batch QC ☒ Level 3 ☐ Level 4 ☐ Other

COMMENTS:

| Relinquished By: | Date | Time | Received By: | Date | Time |
|---|---|---|---|---|---|
| RR | 3/6/00 | 1400 | Becky Crockett | 3/9/00 | 10:50 |
| Becky Crockett | 3/9/00 | 3:30 | K Walton | 3/6/00 | 1530 |
| | | | | | |
| | | | | | |

Custody Seals: ☐ Yes ☐ No
Bottles Supplied by TA: ☐ Yes ☐ No

TESTAMERICA JOB # 00.02292

METALS

SAMPLE PREPARATION

| ANALYTE | BATCH # | DATE |
|---|---|---|
| Lead | 1578 | 3/21/00 |
| | | |
| | | |
| | | |
| | | |
| | | |

TEST AMERICA, Inc. - Bartlett

# Metals Prep Log

Page 146

Digestion Type: hot nonaq

Date Prepped: 3·21·00

Analyst Initials: cfw

Prep Batch #: 158

| Sample Number | INT. VOL. | FIN. VOL. | SPK | COMMENTS |
|---|---|---|---|---|
| 571629 | 2.05 | 100mL | | |
| 630 | 2.10 | | | |
| 631 | 2.06 | | | |
| 632 | 2.13 | | | |
| 633 | 2.04 | | | |
| 359 | 2.00 | | | |
| 360 | 2.19 | | | |
| 399 | 2.14 | | | |
| 402 | 2.10 | | | |
| 409 | 2.05 | | | |
| 430 | 2.12 | | | |
| 431 | 2.11 | | | |
| 432 | 2.02 | | | |
| 433 | 2.06 | | | |
| 434 | 2.22 | | | |
| 547 | 2.17 | | | |
| 549 | 2.25 | | | |
| 546 | 2.25 | | | |
| 570249 | 2.14 | | | |
| 570250 | 2.14 | | | |
| MS 546 | 2.18 | | 500uL+500uL +1mL | M00022002+M00022004+M00031401 |
| MSD 546 | 2.18 | | | |
| LCS | 50mL | | | |
| BLC | | | | |

Acid/Reagent Lot #s: $HNO_3$ 993685

Acid/Reagent Lot #s: $H_2O_2$ C011C4

Acid/Reagent Lot #s: HCl 002442

Acid/Reagent Lot #s:

Comments:

TESTAMERICA JOB # 0.09292

QC REPORT

ICP

METHOD: 6010 B

ANALYTE: Lead, ICP

DATE: 3/22/00

PREP BATCH QC: 1578

RUN BATCH: 2318

RAW DATA FOR SAMPLE #'S:

570249, 250

thod - 6010jtt
F File - 3-22am

| q # | A/S Loc | ID | Category |
|---|---|---|---|
| 1 | 4 | Calib Blank 1 | Calib Blank |
| 2 | 2 | Cstd1#M000307-02 | Calib Std. |
| 3 | 1 | Cstd2#M000309-04 | Calib Std. |
| 4 | 3 | Cstd3#M000124-04 | Calib Std. |
| 5 | 5 | Cstd4#M000223-01 | Calib Std. |
| 6 | 4 | r blk | Sample |
| 7 | 9 | rlvs#m000321-03 | Sample |
| 8 | 10 | icv #m000306-01 | Sample |
| 9 | 2 | HCS | Sample |
| 10 | 11 | ics A#m000321-01 | Sample |
| 11 | 12 | ics AB#m000313-01 | Sample |
| 12 | 13 | ics C#m000307-01 | Sample |
| 13 | 7 | ccv #m000307-03 | Sample |
| 14 | 14 | blk 2995 | Sample |
| 15 | 15 | lcs 2995 | Sample |
| 16 | 16 | 569373 rd | Sample |
| 17 | 17 | 570235 rd | Sample |
| 18 | 18 | blk 1578 | Sample |
| 19 | 19 | lcs 1578 | Sample |
| 20 | 20 | 571629 2.05 | Sample |
| 21 | 21 | 571630 2.10 | Sample |
| 22 | 22 | 571631 2.06 | Sample |
| 23 | 23 | 571632 100x 2.13 | Sample |
| 24 | 4 | r blk | QC |
| 25 | 7 | ccv | QC |
| 26 | 24 | 571633 2.04 | Sample |
| 27 | 25 | 571249 rd 2.14 | Sample |
| 28 | 26 | 570250 rd 2.14 | Sample |
| 29 | 27 | 571399 2.14 | Sample |
| 30 | 28 | 571402 2.10 | Sample |
| 31 | 29 | 571409 2.05 | Sample |
| 32 | 30 | 571430 2.12 | Sample |
| 33 | 31 | 571431 2.11 | Sample |
| 34 | 32 | 571432 2.02 | Sample |
| 35 | 33 | 571433 2.06 | Sample |
| 36 | 4 | r blk | QC |
| 37 | 7 | ccv | QC |
| 38 | 34 | 571434 2.22 | Sample |
| 39 | 35 | 571547 2.17 | Sample |
| 40 | 36 | 571549 2.25 | Sample |
| 41 | 37 | 571546 2.25 | Sample |
| 42 | 38 | 571546 ms 2.18 | Sample |
| 43 | 39 | 571546 msd 2.18 | Sample |
| 44 | 40 | 571359 2.00 | Sample |
| 45 | 41 | 571360 2.19 | Sample |
| 46 | 42 | 571546 5x sd | Sample |
| 47 | 43 | 571546 5x ps | Sample |
| 48 | 4 | r blk | QC |
| 49 | 7 | ccv | QC |
| 50 | 44 | 571546 5x ps | Sample |
| 51 | 45 | xxx | Sample |
| 52 | 46 | xxx | Sample |
| 53 | 47 | xxx | Sample |
| 54 | 48 | xxx | Sample |
| 55 | 49 | xxx | Sample |
| 56 | 50 | xxx | Sample |
| 57 | 51 | xxx | Sample |
| 58 | 52 | xxx | Sample |
| 59 | 53 | xxx | Sample |
| 60 | 4 | r blk | Sample |
| 61 | 11 | ics 1 | QC |
| 62 | 12 | ics 2 | QC |
| 63 | 13 | ics 3 | QC |

No. 200.7 Al, B, Ti, Ag

ICS C - As

571434 (10x) Fe
430 (5x)
431 (5x)
432 (5x)
434 (5x)

Loaded 3/22/00

5x 2318

Rerun LCS 1578

~~Boron~~
571430 - B
431
432
433
434

Soils Pb GFAA #359

| | | | |
|---|---|---|---|
| 64 | 7 | ccv | Sample |

Method: 6010jtt
Results: 3-22am
Sample Info: 3-22am
Method Description: 6010

IEC: 6010.IEC
Spectra Stored: Yes
User: User1

MSF:
Method Stored: Yes
Date: 3/22/00 8:59:01 AM

Mean Data
ID: Calib Blank 1
Seq. No.: 1
Data: Original
A/S Pos: 4
Date: 3/22/00 9:00:45 AM

| Element | Mean Corr. Intensity | Std.Dev. | RSD | Conc. | Calib Units |
|---|---|---|---|---|---|
| Al 396.152 | -56.9 | 11.28 | 19.81% | 0 | mg/L |
| As 188.979 | -0.8 | 1.09 | 130.54% | 0 | mg/L |
| B 208.959 | 33.1 | 1.06 | 3.21% | 0 | mg/L |
| Ba 233.527 | -63.8 | 6.43 | 10.07% | 0 | mg/L |
| Be 313.107 | -1022.2 | 3.52 | 0.34% | 0 | mg/L |
| Cd 214.438 | -85.9 | 0.78 | 0.91% | 0 | mg/L |
| Co 228.616 | 1.6 | 2.22 | 134.84% | 0 | mg/L |
| Cr 267.716 | 41.2 | 5.91 | 14.37% | 0 | mg/L |
| Cu 324.754 | 419.9 | 7.55 | 1.80% | 0 | mg/L |
| Fe 238.204 | 117.7 | 1.86 | 1.58% | 0 | mg/L |
| Mn 257.610 | 9.7 | 3.53 | 36.33% | 0 | mg/L |
| Mo 202.030 | 1.4 | 0.73 | 50.85% | 0 | mg/L |
| Ni 231.604 | 36.8 | 0.16 | 0.43% | 0 | mg/L |
| Pb 220.353 | -28.8 | 4.18 | 14.50% | 0 | mg/L |
| Sb 206.833 | 17.5 | 3.75 | 21.45% | 0 | mg/L |
| Se 196.026 | -18.0 | 2.98 | 16.57% | 0 | mg/L |
| Sr 407.771 | -78.3 | 21.23 | 27.09% | 0 | mg/L |
| Ti 334.941 | 92.2 | 8.85 | 9.61% | 0 | mg/L |
| Tl 190.800 | -12.6 | 1.16 | 9.21% | 0 | mg/L |
| V 292.402 | -15.0 | 0.44 | 2.95% | 0 | mg/L |
| Zn 213.856 | 201.7 | 0.13 | 0.06% | 0 | mg/L |
| Mg 279.079 | -33.9 | 3.43 | 10.10% | 0 | mg/L |
| Ca 317.933 | 211.4 | 3.90 | 1.84% | 0 | mg/L |
| Sn 189.933 | 18.5 | 0.56 | 3.04% | 0 | mg/L |
| Si 251.611 | 270.2 | 2.14 | 0.79% | 0 | mg/L |
| Ag 328.068 | -158.5 | 6.65 | 4.19% | 0 | mg/L |

Mean Data
ID: Cstd1#M000307-02
Seq. No.: 2
Data: Original
A/S Pos: 2
Date: 3/22/00 9:06:00 AM

| Element | Mean Corr. Intensity | Std.Dev. | RSD | Conc. | Calib Units |
|---|---|---|---|---|---|
| Al 396.152 | 13173.1 | 184.67 | 1.40% | 10 | mg/L |
| As 188.979 | 1548.5 | 3.82 | 0.25% | 10 | mg/L |
| B 208.959 | 4596.2 | 37.32 | 0.81% | 5 | mg/L |
| Ba 233.527 | 59419.2 | 608.50 | 1.02% | 10 | mg/L |
| Be 313.107 | 1767527.8 | 10929.63 | 0.62% | 5 | mg/L |
| Cd 214.438 | 47813.6 | 490.34 | 1.03% | 5.0 | mg/L |
| Co 228.616 | 10362.0 | 61.07 | 0.59% | 5 | mg/L |
| Cr 267.716 | 110482.4 | 1186.46 | 1.07% | 10 | mg/L |
| Cu 324.754 | 76641.5 | 835.46 | 1.09% | 5 | mg/L |
| Fe 238.204 | 48215.1 | 499.42 | 1.04% | 10 | mg/L |
| Mn 257.610 | 176111.0 | 1897.34 | 1.08% | 5 | mg/L |
| Mo 202.030 | 7697.1 | 61.37 | 0.80% | 5 | mg/L |
| Ni 231.604 | 24711.5 | 274.85 | 1.11% | 5 | mg/L |
| Pb 220.353 | 8187.9 | 50.17 | 0.61% | 10 | mg/L |
| Sb 206.833 | 1921.7 | 35.05 | 1.82% | 10 | mg/L |
| Se 196.026 | 2465.5 | 18.94 | 0.77% | 10 | mg/L |
| Sr 407.771 | 3434790.6 | 17687.77 | 0.51% | 5 | mg/L |
| Ti 334.941 | 259984.1 | 3356.87 | 1.29% | 5 | mg/L |
| Tl 190.800 | 1116.0 | 2.44 | 0.22% | 10 | mg/L |
| V 292.402 | 61775.6 | 669.29 | 1.08% | 5 | mg/L |
| Zn 213.856 | 105912.5 | 1088.46 | 1.03% | 10 | mg/L |

Mean Data
ID: Cstd2#M000309-04
Seq. No.: 3
Data: Original
A/S Pos: 1
Date: 3/22/00 9:10:37 AM

| lement | Mean Corr. Intensity | Std.Dev. | RSD | Conc. | Calib Units |
|---|---|---|---|---|---|
| g 279.079 | 10267.6 | 27.10 | 0.26% | 10 | mg/L |
| a 317.933 | 102185.4 | 335.86 | 0.33% | 10 | mg/L |

ean Data ----------
D: Cstd3#M000124-04 Seq. No.: 4 A/S Pos: 3
Data: Original Date: 3/22/00 9:14:48 AM

| lement | Mean Corr. Intensity | Std.Dev. | RSD | Conc. | Calib Units |
|---|---|---|---|---|---|
| n 189.933 | 6119.6 | 22.23 | 0.36% | 10.0 | mg/L |
| i 251.611 | 24872.8 | 61.99 | 0.25% | 10.0 | mg/L |

ean Data ----------
D: Cstd4#M000223-01 Seq. No.: 5 A/S Pos: 5
Data: Original Date: 3/22/00 9:18:59 AM

| lement | Mean Corr. Intensity | Std.Dev. | RSD | Conc. | Calib Units |
|---|---|---|---|---|---|
| g 328.068 | 32984.2 | 107.11 | 0.32% | 2.0 | mg/L |

'alibration Summary ----------
'eth 6010jtt Date: 3/22/00 9:19:08 AM

| :lement | Stds | Equation | Intercept | Slope | Curvature | Corr. Coeff. |
|---|---|---|---|---|---|---|
| ıl 396.152 | 1 | Linear | -56.9 | 1323.0 | 0.00000 | 1.000000 |
| ıs 188.979 | 1 | Linear | -0.8 | 154.9 | 0.00000 | 1.000000 |
| ı 208.959 | 1 | Linear | 33.1 | 912.6 | 0.00000 | 1.000000 |
| ıa 233.527 | 1 | Linear | -63.8 | 5948.3 | 0.00000 | 1.000000 |
| ıe 313.107 | 1 | Linear | -1022.2 | 353710.0 | 0.00000 | 1.000000 |
| :d 214.438 | 1 | Linear | -85.9 | 9579.9 | 0.00000 | 1.000000 |
| :o 228.616 | 1 | Linear | 1.6 | 2072.1 | 0.00000 | 1.000000 |
| :r 267.716 | 1 | Linear | 41.2 | 11044.1 | 0.00000 | 1.000000 |
| :u 324.754 | 1 | Linear | 419.9 | 15244.3 | 0.00000 | 1.000000 |
| 'e 238.204 | 1 | Linear | 117.7 | 4809.7 | 0.00000 | 1.000000 |
| ın 257.610 | 1 | Linear | 9.7 | 35220.2 | 0.00000 | 1.000000 |
| ıo 202.030 | 1 | Linear | 1.4 | 1539.1 | 0.00000 | 1.000000 |
| ıi 231.604 | 1 | Linear | 36.8 | 4934.9 | 0.00000 | 1.000000 |
| 'b 220.353 | 1 | Linear | -28.8 | 821.7 | 0.00000 | 1.000000 |
| ;b 206.833 | 1 | Linear | 17.5 | 190.4 | 0.00000 | 1.000000 |
| ;e 1[illegible] 026 | 1 | Linear | -18.0 | 248.3 | 0.00000 | 1.000000 |
| ;r 4[illegible] 771 | 1 | Linear | -78.3 | 686973.8 | 0.00000 | 1.000000 |
| 'i 334.941 | 1 | Linear | 92.2 | 51978.4 | 0.00000 | 1.000000 |
| 'l 190.800 | 1 | Linear | -12.6 | 112.9 | 0.00000 | 1.000000 |
| / 292.402 | 1 | Linear | -15.0 | 12358.1 | 0.00000 | 1.000000 |
| 'n 213.856 | 1 | Linear | 201.7 | 10571.1 | 0.00000 | 1.000000 |
| ıg 279.079 | 1 | Linear | -33.9 | 1030.2 | 0.00000 | 1.000000 |
| :a 317.933 | 1 | Linear | 211.4 | 10197.4 | 0.00000 | 1.000000 |
| ;n 189.933 | 1 | Linear | 18.5 | 610.1 | 0.00000 | 1.000000 |
| ;i 251.611 | 1 | Linear | 270.2 | 2460.3 | 0.00000 | 1.000000 |
| ;g 328.068 | 1 | Linear | -158.5 | 16571.3 | 0.00000 | 1.000000 |

'ean Data ----------
ID: r blk Seq. No.: 6 Sample No.: 1 A/S Pos: 4
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 9:23:46 AM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | -46.3 | 0.0080 | 0.00251 | mg/L | 0.0080 | 0.00251 | mg/L | 31.35% |
| As 188.979 | -0.7 | 0.0009 | 0.00644 | mg/L | 0.0009 | 0.00644 | mg/L | 687.53% |
| B 208.959 | 30.0 | -0.0034 | 0.00180 | mg/L | -0.0034 | 0.00180 | mg/L | 52.72% |
| Ba 233.527 | -63.1 | 0.0001 | 0.00018 | mg/L | 0.0001 | 0.00018 | mg/L | 150.67% |
| Be 313.107 | -1021.4 | 0.0000 | 0.00001 | mg/L | 0.0000 | 0.00001 | mg/L | 258.56% |
| Cd 214.438 | -80.5 | 0.0006 | 0.00019 | mg/L | 0.0006 | 0.00019 | mg/L | 34.12% |
| Co 228.616 | -0.0 | -0.0008 | 0.00184 | mg/L | -0.0008 | 0.00184 | mg/L | 225.79% |
| Cr 267.716 | 30.7 | -0.0009 | 0.00008 | mg/L | -0.0009 | 0.00008 | mg/L | 8.36% |
| Cu 324.754 | 451.6 | 0.0021 | 0.00006 | mg/L | 0.0021 | 0.00006 | mg/L | 2.93% |
| Fe 238.204 | 115.2 | -0.0005 | 0.00002 | mg/L | -0.0005 | 0.00002 | mg/L | 3.51% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| n 257.610 | -1.6 | -0.0003 | 0.00012 mg/L | -0.0003 | 0.00012 mg/L | 36.67% |
| o 202.030 | 1.5 | 0.0000 | 0.00135 mg/L | 0.0000 | 0.00135 mg/L | >999.9% |
| i 231.604 | 38.4 | 0.0003 | 0.00154 mg/L | 0.0003 | 0.00154 mg/L | 462.58% |
| b 220.353 | -33.5 | -0.0057 | 0.00606 mg/L | -0.0057 | 0.00606 mg/L | 105.47% |
| b 206.833 | 13.2 | -0.0226 | 0.00324 mg/L | -0.0226 | 0.00324 mg/L | 14.29% |
| e 196.026 | -8.9 | 0.0367 | 0.05002 mg/L | 0.0367 | 0.05002 mg/L | 136.32% |
| r 407.771 | -35.8 | 0.0001 | 0.00001 mg/L | 0.0001 | 0.00001 mg/L | 18.80% |
| 'i 334.941 | 36.6 | -0.0011 | 0.00003 mg/L | -0.0011 | 0.00003 mg/L | 2.80% |
| 'l 190.800 | -14.8 | -0.0196 | 0.00145 mg/L | -0.0196 | 0.00145 mg/L | 7.38% |
| ' 292.402 | -6.8 | 0.0007 | 0.00024 mg/L | 0.0007 | 0.00024 mg/L | 36.18% |
| :n 213.856 | 187.0 | -0.0014 | 0.00027 mg/L | -0.0014 | 0.00027 mg/L | 19.20% |
| lg 279.079 | -40.7 | -0.0066 | 0.01244 mg/L | -0.0066 | 0.01244 mg/L | 189.34% |
| :a 317.933 | 208.7 | -0.0003 | 0.00021 mg/L | -0.0003 | 0.00021 mg/L | 76.73% |
| :n 189.933 | 17.9 | -0.0009 | 0.00069 mg/L | -0.0009 | 0.00069 mg/L | 77.92% |
| /i 251.611 | 294.8 | 0.0100 | 0.00419 mg/L | 0.0100 | 0.00419 mg/L | 42.01% |
| ıg 328.068 | -152.6 | 0.0004 | 0.00010 mg/L | 0.0004 | 0.00010 mg/L | 27.89% |

lean Data ----------

:D: rlvs#m000321-03 Seq. No.: 7 Sample No.: 2 A/S Pos: 9
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 9:28:53 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 82.4 | 0.105 | 0.0151 | mg/L | 0.105 | 0.0151 | mg/L | 14.36% |
| As 188.979 | 16.0 | 0.109 | 0.0046 | mg/L | 0.109 | 0.0046 | mg/L | 4.23% |
| B 208.959 | 75.6 | 0.0465 | 0.00035 | mg/L | 0.0465 | 0.00035 | mg/L | 0.74% |
| Ba 233.527 | 512.5 | 0.0969 | 0.00182 | mg/L | 0.0969 | 0.00182 | mg/L | 1.87% |
| Be 313.107 | 16013.2 | 0.0482 | 0.00036 | mg/L | 0.0482 | 0.00036 | mg/L | 0.75% |
| Cd 214.438 | 370.9 | 0.0477 | 0.00045 | mg/L | 0.0477 | 0.00045 | mg/L | 0.93% |
| Co 228.616 | 103.8 | 0.0493 | 0.00067 | mg/L | 0.0493 | 0.00067 | mg/L | 1.35% |
| Cr 267.716 | 1095.9 | 0.0955 | 0.00248 | mg/L | 0.0955 | 0.00248 | mg/L | 2.60% |
| Cu 324.754 | 1155.3 | 0.0482 | 0.00086 | mg/L | 0.0482 | 0.00086 | mg/L | 1.79% |
| Fe 238.204 | 590.0 | 0.0982 | 0.00018 | mg/L | 0.0982 | 0.00018 | mg/L | 0.18% |
| Mn 257.610 | 1733.9 | 0.0490 | 0.00013 | mg/L | 0.0490 | 0.00013 | mg/L | 0.26% |
| Mo 202.030 | 81.6 | 0.0521 | 0.00125 | mg/L | 0.0521 | 0.00125 | mg/L | 2.40% |
| Ni 231.604 | 271.6 | 0.0476 | 0.00075 | mg/L | 0.0476 | 0.00075 | mg/L | 1.57% |
| Pb 220.353 | 46.2 | 0.0913 | 0.00564 | mg/L | 0.0913 | 0.00564 | mg/L | 6.17% |
| Sb 206.833 | 106.1 | 0.466 | 0.0054 | mg/L | 0.466 | 0.0054 | mg/L | 1.17% |
| Se 196.026 | 7.0 | 0.101 | 0.0026 | mg/L | 0.101 | 0.0026 | mg/L | 2.55% |
| Sr 407.771 | 33377.4 | 0.0487 | 0.00017 | mg/L | 0.0487 | 0.00017 | mg/L | 0.36% |
| Ti 334.941 | 2498.0 | 0.0463 | 0.00018 | mg/L | 0.0463 | 0.00018 | mg/L | 0.38% |
| Tl 190.800 | 9.3 | 0.194 | 0.0152 | mg/L | 0.194 | 0.0152 | mg/L | 7.83% |
| V 292.402 | 584.8 | 0.0485 | 0.00179 | mg/L | 0.0485 | 0.00179 | mg/L | 3.69% |
| Zn 213.856 | 1219.0 | 0.0962 | 0.00054 | mg/L | 0.0962 | 0.00054 | mg/L | 0.56% |
| Mg 279.079 | 1012.4 | 1.02 | 0.008 | mg/L | 1.02 | 0.008 | mg/L | 0.75% |
| Ca 317.933 | 10405.3 | 1.000 | 0.0084 | mg/L | 1.000 | 0.0084 | mg/L | 0.84% |
| Sn 189.933 | 606.4 | 0.964 | 0.0027 | mg/L | 0.964 | 0.0027 | mg/L | 0.28% |
| Si 251.611 | 281.7 | 0.0047 | 0.00018 | mg/L | 0.0047 | 0.00018 | mg/L | 3.91% |
| Ag 328.068 | 689.3 | 0.0512 | 0.00155 | mg/L | 0.0512 | 0.00155 | mg/L | 3.04% |

Mean Data ----------

ID: icv #m000306-01 Seq. No.: 8 Sample No.: 3 A/S Pos: 10
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 9:33:53 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 1262.9 | 0.963 | 0.0069 | mg/L | 0.963 | 0.0069 | mg/L | 0.72% |
| As 188.979 | 158.1 | 1.03 | 0.002 | mg/L | 1.03 | 0.002 | mg/L | 0.16% |
| B 208.959 | 935.3 | 0.9544 | 0.00022 | mg/L | 0.9544 | 0.00022 | mg/L | 0.02% |
| Ba 233.527 | 5833.9 | 0.9915 | 0.00057 | mg/L | 0.9915 | 0.00057 | mg/L | 0.06% |
| Be 313.107 | 345076.8 | 0.9785 | 0.00900 | mg/L | 0.9785 | 0.00900 | mg/L | 0.92% |
| Cd 214.438 | 9224.2 | 0.9718 | 0.00287 | mg/L | 0.9718 | 0.00287 | mg/L | 0.30% |
| Co 228.616 | 2028.7 | 0.978 | 0.0080 | mg/L | 0.978 | 0.0080 | mg/L | 0.82% |
| Cr 267.716 | 10948.0 | 0.9876 | 0.00190 | mg/L | 0.9876 | 0.00190 | mg/L | 0.19% |
| Cu 324.754 | 15298.9 | 0.9760 | 0.00018 | mg/L | 0.9760 | 0.00018 | mg/L | 0.02% |
| Fe 238.204 | 4857.7 | 0.9855 | 0.00398 | mg/L | 0.9855 | 0.00398 | mg/L | 0.40% |
| Mn 257.610 | 34417.8 | 0.9769 | 0.00067 | mg/L | 0.9769 | 0.00067 | mg/L | 0.07% |
| Mo 202.030 | 1526.7 | 0.991 | 0.0102 | mg/L | 0.991 | 0.0102 | mg/L | 1.03% |
| Ni 231.604 | 4860.4 | 0.9775 | 0.00255 | mg/L | 0.9775 | 0.00255 | mg/L | 0.26% |
| Pb 220.353 | 772.3 | 0.9749 | 0.01306 | mg/L | 0.9749 | 0.01306 | mg/L | 1.34% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| o 206.833 | 208.2 | 1.00 | 0.028 mg/L | 1.00 | 0.028 mg/L | 2.81% |
| e 196.026 | 240.8 | 1.04 | 0.022 mg/L | 1.04 | 0.022 mg/L | 2.13% |
| r 407.771 | 680471.2 | 0.9906 | 0.00935 mg/L | 0.9906 | 0.00935 mg/L | 0.94% |
| i 334.941 | 50947.0 | 0.9784 | 0.00153 mg/L | 0.9784 | 0.00153 mg/L | 0.16% |
| l 190.800 | 98.3 | 0.983 | 0.0166 mg/L | 0.983 | 0.0166 mg/L | 1.69% |
| 292.402 | 12120.0 | 0.9942 | 0.00199 mg/L | 0.9942 | 0.00199 mg/L | 0.20% |
| n 213.856 | 10689.2 | 0.9921 | 0.00346 mg/L | 0.9921 | 0.00346 mg/L | 0.35% |
| g 279.079 | 997.4 | 1.00 | 0.002 mg/L | 1.00 | 0.002 mg/L | 0.24% |
| a 317.933 | 10578.8 | 1.02 | 0.005 mg/L | 1.02 | 0.005 mg/L | 0.53% |
| n 189.933 | 1252.5 | 2.02 | 0.016 mg/L | 2.02 | 0.016 mg/L | 0.78% |
| i 251.611 | 2920.9 | 1.08 | 0.027 mg/L | 1.08 | 0.027 mg/L | 2.48% |
| g 328.068 | 17182.8 | 1.05 | 0.002 mg/L | 1.05 | 0.002 mg/L | 0.15% |

ean Data ----------

D: HCS Seq. No.: 9 Sample No.: 4 A/S Pos: 2
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 9:38:59 AM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 13033.3 | 9.72 | 0.033 | mg/L | 9.72 | 0.033 | mg/L | 0.34% |
| s 188.979 | 1529.5 | 9.88 | 0.039 | mg/L | 9.88 | 0.039 | mg/L | 0.39% |
| 208.959 | 4512.9 | 4.737 | 0.0472 | mg/L | 4.737 | 0.0472 | mg/L | 1.00% |
| a 2 527 | 58830.6 | 9.901 | 0.0406 | mg/L | 9.901 | 0.0406 | mg/L | 0.41% |
| e 31 107 | 1754425.2 | 4.963 | 0.0470 | mg/L | 4.963 | 0.0470 | mg/L | 0.95% |
| d 214.438 | 47305.0 | 4.947 | 0.0110 | mg/L | 4.947 | 0.0110 | mg/L | 0.22% |
| o 228.616 | 10282.2 | 4.96 | 0.007 | mg/L | 4.96 | 0.007 | mg/L | 0.15% |
| r 267.716 | 109280.4 | 9.891 | 0.0203 | mg/L | 9.891 | 0.0203 | mg/L | 0.21% |
| u 324.754 | 76194.4 | 4.971 | 0.0086 | mg/L | 4.971 | 0.0086 | mg/L | 0.17% |
| e 238.204 | 47700.8 | 9.893 | 0.0323 | mg/L | 9.893 | 0.0323 | mg/L | 0.33% |
| n 257.610 | 174483.8 | 4.954 | 0.0113 | mg/L | 4.954 | 0.0113 | mg/L | 0.23% |
| o 202.030 | 7684.9 | 4.99 | 0.032 | mg/L | 4.99 | 0.032 | mg/L | 0.65% |
| i 231.604 | 24456.4 | 4.948 | 0.0135 | mg/L | 4.948 | 0.0135 | mg/L | 0.27% |
| b 220.353 | 8170.3 | 9.979 | 0.0042 | mg/L | 9.979 | 0.0042 | mg/L | 0.04% |
| b 206.833 | 1904.2 | 9.72 | 0.189 | mg/L | 9.72 | 0.189 | mg/L | 1.94% |
| e 196.026 | 2439.3 | 9.89 | 0.021 | mg/L | 9.89 | 0.021 | mg/L | 0.21% |
| r 407.771 | 3419057.8 | 4.977 | 0.0448 | mg/L | 4.977 | 0.0448 | mg/L | 0.90% |
| i 334.941 | 257122.1 | 4.945 | 0.0110 | mg/L | 4.945 | 0.0110 | mg/L | 0.22% |
| l 190.800 | 1116.0 | 9.94 | 0.062 | mg/L | 9.94 | 0.062 | mg/L | 0.62% |
| 292.402 | 61184.7 | 5.056 | 0.0095 | mg/L | 5.056 | 0.0095 | mg/L | 0.19% |
| n 213.856 | 105040.1 | 9.890 | 0.0185 | mg/L | 9.890 | 0.0185 | mg/L | 0.19% |
| g 279.079 | -110.4 | -0.0027 | 0.01113 | mg/L | -0.0027 | 0.01113 | mg/L | 412.22% |
| a 317.933 | 448.0 | 0.0232 | 0.00048 | mg/L | 0.0232 | 0.00048 | mg/L | 2.07% |
| n 18 933 | 26.3 | 0.0128 | 0.00396 | mg/L | 0.0128 | 0.00396 | mg/L | 30.92% |
| i 2 611 | 473.3 | 0.0826 | 0.00222 | mg/L | 0.0826 | 0.00222 | mg/L | 2.69% |
| g 328.068 | -450.2 | -0.0176 | 0.00106 | mg/L | -0.0176 | 0.00106 | mg/L | 6.02% |

ean Data ----------

D: ics A#m000321-01 Seq. No.: 10 Sample No.: 5 A/S Pos: 11
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 9:44:07 AM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 316703.1 | 239 | 1.4 | mg/L | 239 | 1.4 | mg/L | 0.57% |
| s 188.979 | 2.5 | -0.0061 | 0.00743 | mg/L | -0.0061 | 0.00743 | mg/L | 121.35% |
| 208.959 | 56.3 | -0.0009 | 0.00166 | mg/L | -0.0009 | 0.00166 | mg/L | 186.56% |
| a 233.527 | -129.4 | -0.0021 | 0.00088 | mg/L | -0.0021 | 0.00088 | mg/L | 42.92% |
| e 313.107 | -1075.2 | -0.0002 | 0.00005 | mg/L | -0.0002 | 0.00005 | mg/L | 30.77% |
| d 214.438 | -94.4 | 0.0047 | 0.00061 | mg/L | 0.0047 | 0.00061 | mg/L | 12.85% |
| o 228.616 | 12.3 | 0.0052 | 0.00117 | mg/L | 0.0052 | 0.00117 | mg/L | 22.74% |
| r 267.716 | 71.2 | 0.0098 | 0.00328 | mg/L | 0.0098 | 0.00328 | mg/L | 33.39% |
| u 324.754 | 538.0 | -0.0012 | 0.00133 | mg/L | -0.0012 | 0.00133 | mg/L | 110.79% |
| Fe 238.204 | 447377.2 | 92.99 | 0.583 | mg/L | 92.99 | 0.583 | mg/L | 0.63% |
| Mn 257.610 | 149.1 | 0.0005 | 0.00024 | mg/L | 0.0005 | 0.00024 | mg/L | 51.55% |
| Mo 202.030 | -2.1 | -0.0023 | 0.00315 | mg/L | -0.0023 | 0.00315 | mg/L | 138.66% |
| Ni 231.604 | 39.2 | 0.0005 | 0.00062 | mg/L | 0.0005 | 0.00062 | mg/L | 123.25% |
| Pb 220.353 | -76.8 | -0.0018 | 0.00435 | mg/L | -0.0018 | 0.00435 | mg/L | 240.92% |
| Sb 206.833 | 27.9 | 0.0958 | 0.00989 | mg/L | 0.0958 | 0.00989 | mg/L | 10.32% |
| Se 196.026 | -12.8 | 0.0206 | 0.02574 | mg/L | 0.0206 | 0.02574 | mg/L | 124.99% |
| Sr 407.771 | 5983.4 | -0.0008 | 0.00002 | mg/L | -0.0008 | 0.00002 | mg/L | 2.15% |
| Ti 334.941 | 54.1 | -0.0007 | 0.00059 | mg/L | -0.0007 | 0.00059 | mg/L | 80.07% |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| l 190.800 | -15.9 | -0.0148 | 0.00824 | mg/L | -0.0148 | 0.00824 | mg/L | 55.58% |
| 292.402 | 82.6 | -0.0084 | 0.00274 | mg/L | -0.0084 | 0.00274 | mg/L | 32.74% |
| n 213.856 | 657.4 | 0.0165 | 0.00003 | mg/L | 0.0165 | 0.00003 | mg/L | 0.17% |
| g 279.079 | 255905.5 | 248 | 1.4 | mg/L | 248 | 1.4 | mg/L | 0.57% |
| a 317.933 | 2467092.5 | 241 | 1.3 | mg/L | 241 | 1.3 | mg/L | 0.55% |
| n 189.933 | 16.7 | -0.0029 | 0.00859 | mg/L | -0.0029 | 0.00859 | mg/L | 297.15% |
| i 251.611 | 400.5 | 0.0529 | 0.00002 | mg/L | 0.0529 | 0.00002 | mg/L | 0.05% |
| g 328.068 | -217.5 | -0.0036 | 0.00071 | mg/L | -0.0036 | 0.00071 | mg/L | 20.08% |

Mean Data

ID: ics AB#m000313-01 Seq. No.: 11 Sample No.: 6 A/S Pos: 12
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 9:49:16 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 317209.4 | 240 | 0.9 | mg/L | 240 | 0.9 | mg/L | 0.39% |
| s 188.979 | 80.2 | 0.496 | 0.0117 | mg/L | 0.496 | 0.0117 | mg/L | 2.36% |
| 208.959 | 495.4 | 0.4639 | 0.00658 | mg/L | 0.4639 | 0.00658 | mg/L | 1.42% |
| a 233.527 | 2678.5 | 0.4700 | 0.00159 | mg/L | 0.4700 | 0.00159 | mg/L | 0.34% |
| e 313.107 | 168244.1 | 0.4785 | 0.00191 | mg/L | 0.4785 | 0.00191 | mg/L | 0.40% |
| d 214.438 | 4219.0 | 0.4550 | 0.00451 | mg/L | 0.4550 | 0.00451 | mg/L | 0.99% |
| o 228.616 | 941.3 | 0.453 | 0.0001 | mg/L | 0.453 | 0.0001 | mg/L | 0.02% |
| r 267.716 | 5303.1 | 0.4836 | 0.00171 | mg/L | 0.4836 | 0.00171 | mg/L | 0.35% |
| u 324.754 | 7539.5 | 0.4580 | 0.00434 | mg/L | 0.4580 | 0.00434 | mg/L | 0.95% |
| Fe 238.204 | 449181.9 | 93.37 | 0.335 | mg/L | 93.37 | 0.335 | mg/L | 0.36% |
| Mn 257.610 | 16683.1 | 0.4699 | 0.00284 | mg/L | 0.4699 | 0.00284 | mg/L | 0.60% |
| Mo 202.030 | 731.4 | 0.474 | 0.0007 | mg/L | 0.474 | 0.0007 | mg/L | 0.15% |
| Ni 231.604 | 2271.2 | 0.4528 | 0.00205 | mg/L | 0.4528 | 0.00205 | mg/L | 0.45% |
| Pb 220.353 | 308.7 | 0.4675 | 0.00741 | mg/L | 0.4675 | 0.00741 | mg/L | 1.59% |
| Sb 206.833 | 116.7 | 0.563 | 0.0160 | mg/L | 0.563 | 0.0160 | mg/L | 2.85% |
| Se 196.026 | 108.1 | 0.508 | 0.0147 | mg/L | 0.508 | 0.0147 | mg/L | 2.90% |
| Sr 407.771 | 340674.3 | 0.4864 | 0.00128 | mg/L | 0.4864 | 0.00128 | mg/L | 0.26% |
| Ti 334.941 | 24900.0 | 0.4773 | 0.00333 | mg/L | 0.4773 | 0.00333 | mg/L | 0.70% |
| Tl 190.800 | 38.4 | 0.466 | 0.0273 | mg/L | 0.466 | 0.0273 | mg/L | 5.86% |
| V 292.402 | 6008.8 | 0.4711 | 0.00141 | mg/L | 0.4711 | 0.00141 | mg/L | 0.30% |
| Zn 213.856 | 5582.7 | 0.4824 | 0.00219 | mg/L | 0.4824 | 0.00219 | mg/L | 0.45% |
| Mg 279.079 | 256398.9 | 249 | 1.1 | mg/L | 249 | 1.1 | mg/L | 0.45% |
| Ca 317.933 | 2471088.3 | 242 | 0.8 | mg/L | 242 | 0.8 | mg/L | 0.32% |
| Sn 189.933 | 11393.9 | 18.6 | 0.13 | mg/L | 18.6 | 0.13 | mg/L | 0.71% |
| Si 251.611 | 1393.3 | 0.456 | 0.0046 | mg/L | 0.456 | 0.0046 | mg/L | 1.01% |
| Ag 328.068 | 8319.9 | 0.512 | 0.0038 | mg/L | 0.512 | 0.0038 | mg/L | 0.74% |

Mean Data

ID: ics C#m000307-01 Seq. No.: 12 Sample No.: 7 A/S Pos: 13
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.
Data: Original Date: 3/22/00 9:54:26 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 860.6 | -0.0086 | 0.00234 | mg/L | -0.0086 | 0.00234 | mg/L | 27.20% |
| As 188.979 | 44.3 | 0.251 | 0.0027 | mg/L | 0.251 | 0.0027 | mg/L | 1.09% |
| B 208.959 | 621.3 | -0.0336 | 0.01275 | mg/L | -0.0336 | 0.01275 | mg/L | 37.90% |
| Ba 233.527 | -96.0 | 0.0271 | 0.00326 | mg/L | 0.0271 | 0.00326 | mg/L | 12.03% |
| Be 313.107 | -1617.6 | -0.0001 | 0.00006 | mg/L | -0.0001 | 0.00006 | mg/L | 54.12% |
| Cd 214.438 | -91.9 | -0.0006 | 0.00008 | mg/L | -0.0006 | 0.00008 | mg/L | 13.14% |
| Co 228.616 | -24.0 | 0.0066 | 0.00256 | mg/L | 0.0066 | 0.00256 | mg/L | 38.94% |
| Cr 267.716 | 538772.7 | 48.72 | 0.072 | mg/L | 48.72 | 0.072 | mg/L | 0.15% |
| Cu 324.754 | 569912.4 | 37.35 | 0.031 | mg/L | 37.35 | 0.031 | mg/L | 0.08% |
| Fe 238.204 | 234.2 | 0.0242 | 0.00071 | mg/L | 0.0242 | 0.00071 | mg/L | 2.95% |
| Mn 257.610 | 1699946.4 | 48.27 | 0.083 | mg/L | 48.27 | 0.083 | mg/L | 0.17% |
| Mo 202.030 | 30306.2 | 19.7 | 0.25 | mg/L | 19.7 | 0.25 | mg/L | 1.28% |
| Ni 231.604 | 232916.9 | 47.19 | 0.054 | mg/L | 47.19 | 0.054 | mg/L | 0.11% |
| Pb 220.353 | -59.3 | -0.0141 | 0.00356 | mg/L | -0.0141 | 0.00356 | mg/L | 25.19% |
| Sb 206.833 | 194.1 | 0.0118 | 0.00177 | mg/L | 0.0118 | 0.00177 | mg/L | 15.02% |
| Se 196.026 | -9.1 | 0.0359 | 0.02560 | mg/L | 0.0359 | 0.02560 | mg/L | 71.36% |
| Sr 407.771 | 121.5 | -0.0077 | 0.00010 | mg/L | -0.0077 | 0.00010 | mg/L | 1.35% |
| Ti 334.941 | 1010.2 | 0.0030 | 0.00040 | mg/L | 0.0030 | 0.00040 | mg/L | 13.30% |
| Tl 190.800 | -21.2 | -0.0824 | 0.00585 | mg/L | -0.0824 | 0.00585 | mg/L | 7.10% |
| V 292.402 | -5475.6 | 0.0082 | 0.00374 | mg/L | 0.0082 | 0.00374 | mg/L | 45.43% |
| Zn 213.856 | 2746.0 | -0.0072 | 0.00222 | mg/L | -0.0072 | 0.00222 | mg/L | 31.00% |
| Mg 279.079 | -373.3 | 0.0702 | 0.00525 | mg/L | 0.0702 | 0.00525 | mg/L | 7.48% |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Ca 317.933 | 553.8 | -0.0052 | 0.00025 | mg/L | -0.0052 | 0.00025 | mg/L | 4.76% |
| Sn 189.933 | 43.5 | 0.0410 | 0.01840 | mg/L | 0.0410 | 0.01840 | mg/L | 44.85% |
| Si 251.611 | 828.7 | 0.180 | 0.0008 | mg/L | 0.180 | 0.0008 | mg/L | 0.47% |
| Ag 328.068 | -87.3 | 0.0043 | 0.00084 | mg/L | 0.0043 | 0.00084 | mg/L | 19.67% |

Mean Data ----------

ID: ccv #m000307-03 Seq. No.: 13 Sample No.: 8 A/S Pos: 7
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 10:02:35 AM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 2476.0 | 1.88 | 0.007 | mg/L | 1.88 | 0.007 | mg/L | 0.35% |
| As 188.979 | 306.5 | 1.98 | 0.012 | mg/L | 1.98 | 0.012 | mg/L | 0.61% |
| B 208.959 | 919.6 | 0.9379 | 0.01572 | mg/L | 0.9379 | 0.01572 | mg/L | 1.68% |
| Ba 233.527 | 11431.6 | 1.933 | 0.0069 | mg/L | 1.933 | 0.0069 | mg/L | 0.36% |
| Be 313.107 | 338098.6 | 0.9588 | 0.01460 | mg/L | 0.9588 | 0.01460 | mg/L | 1.52% |
| Cd 214.438 | 9132.8 | 0.9623 | 0.00329 | mg/L | 0.9623 | 0.00329 | mg/L | 0.34% |
| Co 228.616 | 1999.8 | 0.964 | 0.0078 | mg/L | 0.964 | 0.0078 | mg/L | 0.80% |
| Cr 267.716 | 21415.8 | 1.935 | 0.0044 | mg/L | 1.935 | 0.0044 | mg/L | 0.23% |
| Cu 324.754 | 15420.6 | 0.9840 | 0.00476 | mg/L | 0.9840 | 0.00476 | mg/L | 0.48% |
| Fe 238.204 | 9450.8 | 1.940 | 0.0102 | mg/L | 1.940 | 0.0102 | mg/L | 0.53% |
| Mn 257.610 | 34234.4 | 0.9717 | 0.00209 | mg/L | 0.9717 | 0.00209 | mg/L | 0.21% |
| Mo [illegible].030 | 1494.5 | 0.970 | 0.0022 | mg/L | 0.970 | 0.0022 | mg/L | 0.23% |
| Ni 231.604 | 4768.0 | 0.9587 | 0.00847 | mg/L | 0.9587 | 0.00847 | mg/L | 0.88% |
| Pb 220.353 | 1542.9 | 1.913 | 0.0055 | mg/L | 1.913 | 0.0055 | mg/L | 0.29% |
| Sb 206.833 | 388.2 | 1.91 | 0.044 | mg/L | 1.91 | 0.044 | mg/L | 2.31% |
| Se 196.026 | 467.2 | 1.95 | 0.016 | mg/L | 1.95 | 0.016 | mg/L | 0.83% |
| Sr 407.771 | 663599.0 | 0.9661 | 0.01462 | mg/L | 0.9661 | 0.01462 | mg/L | 1.51% |
| Ti 334.941 | 49101.4 | 0.9429 | 0.00631 | mg/L | 0.9429 | 0.00631 | mg/L | 0.67% |
| Tl 190.800 | 202.2 | 1.90 | 0.020 | mg/L | 1.90 | 0.020 | mg/L | 1.06% |
| V 292.402 | 11950.6 | 0.9802 | 0.00337 | mg/L | 0.9802 | 0.00337 | mg/L | 0.34% |
| Zn 213.856 | 20723.8 | 1.941 | 0.0038 | mg/L | 1.941 | 0.0038 | mg/L | 0.20% |
| Mg 279.079 | 1988.6 | 1.96 | 0.029 | mg/L | 1.96 | 0.029 | mg/L | 1.49% |
| Ca 317.933 | 20777.4 | 2.02 | 0.004 | mg/L | 2.02 | 0.004 | mg/L | 0.19% |
| Sn 189.933 | 1251.1 | 2.02 | 0.012 | mg/L | 2.02 | 0.012 | mg/L | 0.58% |
| Si 251.611 | 5359.6 | 2.07 | 0.018 | mg/L | 2.07 | 0.018 | mg/L | 0.85% |
| Ag 328.068 | 17439.7 | 1.06 | 0.000 | mg/L | 1.06 | 0.000 | mg/L | 0.03% |

Mean Data ----------

ID: blk 2995 Seq. No.: 14 Sample No.: 9 A/S Pos: 14
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 10:07:49 AM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | -49.2 | 0.0059 | 0.00831 | mg/L | 0.0059 | 0.00831 | mg/L | 141.15% |
| As 188.979 | -1.7 | -0.0059 | 0.00775 | mg/L | -0.0059 | 0.00775 | mg/L | 131.48% |
| B 208.959 | 32.2 | -0.0010 | 0.00237 | mg/L | -0.0010 | 0.00237 | mg/L | 239.47% |
| Ba 233.527 | -59.1 | 0.0008 | 0.00052 | mg/L | 0.0008 | 0.00052 | mg/L | 65.00% |
| Be 313.107 | -1025.4 | 0.0000 | 0.00004 | mg/L | 0.0000 | 0.00004 | mg/L | 383.15% |
| Cd 214.438 | -77.9 | 0.0008 | 0.00019 | mg/L | 0.0008 | 0.00019 | mg/L | 22.54% |
| Co 228.616 | -2.4 | -0.0019 | 0.00026 | mg/L | -0.0019 | 0.00026 | mg/L | 13.60% |
| Cr 267.716 | 32.6 | -0.0008 | 0.00051 | mg/L | -0.0008 | 0.00051 | mg/L | 65.37% |
| Cu 324.754 | 531.4 | 0.0073 | 0.00102 | mg/L | 0.0073 | 0.00102 | mg/L | 13.93% |
| Fe 238.204 | 134.2 | 0.0034 | 0.00004 | mg/L | 0.0034 | 0.00004 | mg/L | 1.25% |
| Mn 257.610 | 21.4 | 0.0003 | 0.00023 | mg/L | 0.0003 | 0.00023 | mg/L | 67.87% |
| Mo 202.030 | 3.5 | 0.0013 | 0.00026 | mg/L | 0.0013 | 0.00026 | mg/L | 19.56% |
| Ni 231.604 | 29.7 | -0.0014 | 0.00166 | mg/L | -0.0014 | 0.00166 | mg/L | 115.71% |
| Pb 220.353 | -32.4 | -0.0043 | 0.00721 | mg/L | -0.0043 | 0.00721 | mg/L | 165.87% |
| Sb 206.833 | 17.2 | -0.0016 | 0.00131 | mg/L | -0.0016 | 0.00131 | mg/L | 84.23% |
| Se 196.026 | -15.2 | 0.0110 | 0.01209 | mg/L | 0.0110 | 0.01209 | mg/L | 109.79% |
| Sr 407.771 | -57.4 | 0.0000 | 0.00001 | mg/L | 0.0000 | 0.00001 | mg/L | 28.85% |
| Ti 334.941 | 75.3 | -0.0003 | 0.00046 | mg/L | -0.0003 | 0.00046 | mg/L | 141.55% |
| Tl 190.800 | -13.0 | -0.0033 | 0.01682 | mg/L | -0.0033 | 0.01682 | mg/L | 505.16% |
| V 292.402 | -20.0 | -0.0004 | 0.00161 | mg/L | -0.0004 | 0.00161 | mg/L | 401.98% |
| Zn 213.856 | 207.1 | 0.0005 | 0.00009 | mg/L | 0.0005 | 0.00009 | mg/L | 17.77% |
| Mg 279.079 | -27.1 | 0.0066 | 0.00433 | mg/L | 0.0066 | 0.00433 | mg/L | 65.92% |
| Ca 317.933 | 313.8 | 0.0100 | 0.00033 | mg/L | 0.0100 | 0.00033 | mg/L | 3.26% |
| Sn 189.933 | 26.6 | 0.0134 | 0.00270 | mg/L | 0.0134 | 0.00270 | mg/L | 20.20% |
| Si 251.611 | 389.2 | 0.0484 | 0.00001 | mg/L | 0.0484 | 0.00001 | mg/L | 0.03% |
| Ag 328.068 | -150.0 | 0.0005 | 0.00008 | mg/L | 0.0005 | 0.00008 | mg/L | 15.23% |

ean Data
D: lcs 2995 Seq. No.: 15 Sample No.: 10 A/S Pos: 15
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 10:13:06 AM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 584.5 | 0.468 | 0.0382 | mg/L | 0.468 | 0.0382 | mg/L | 8.16% |
| s 188.979 | 73.9 | 0.483 | 0.0092 | mg/L | 0.483 | 0.0092 | mg/L | 1.92% |
| 208.959 | 474.9 | 0.4675 | 0.00251 | mg/L | 0.4675 | 0.00251 | mg/L | 0.54% |
| a 233.527 | 2780.8 | 0.4782 | 0.00263 | mg/L | 0.4782 | 0.00263 | mg/L | 0.55% |
| e 313.107 | 166823.4 | 0.4745 | 0.00273 | mg/L | 0.4745 | 0.00273 | mg/L | 0.58% |
| d 214.438 | 4421.8 | 0.4705 | 0.00164 | mg/L | 0.4705 | 0.00164 | mg/L | 0.35% |
| o 228.616 | 986.1 | 0.475 | 0.0017 | mg/L | 0.475 | 0.0017 | mg/L | 0.36% |
| r 267.716 | 5336.0 | 0.4794 | 0.00483 | mg/L | 0.4794 | 0.00483 | mg/L | 1.01% |
| u 324.754 | 7767.6 | 0.4820 | 0.00308 | mg/L | 0.4820 | 0.00308 | mg/L | 0.64% |
| e 238.204 | 2416.4 | 0.4779 | 0.00158 | mg/L | 0.4779 | 0.00158 | mg/L | 0.33% |
| n 257.610 | 16816.9 | 0.4772 | 0.00538 | mg/L | 0.4772 | 0.00538 | mg/L | 1.13% |
| o 202.030 | 745.7 | 0.484 | 0.0031 | mg/L | 0.484 | 0.0031 | mg/L | 0.65% |
| i 231.604 | 2361.8 | 0.4711 | 0.01086 | mg/L | 0.4711 | 0.01086 | mg/L | 2.31% |
| b 220.353 | 356.3 | 0.4687 | 0.00232 | mg/L | 0.4687 | 0.00232 | mg/L | 0.50% |
| b 206.833 | 110.1 | 0.486 | 0.0089 | mg/L | 0.486 | 0.0089 | mg/L | 1.83% |
| e 196.026 | 109.0 | 0.511 | 0.0202 | mg/L | 0.511 | 0.0202 | mg/L | 3.95% |
| r 407.771 | 331340.0 | 0.4824 | 0.00253 | mg/L | 0.4824 | 0.00253 | mg/L | 0.53% |
| i 334.941 | 24704.4 | 0.4735 | 0.00542 | mg/L | 0.4735 | 0.00542 | mg/L | 1.14% |
| l 190.800 | 37.2 | 0.441 | 0.0041 | mg/L | 0.441 | 0.0041 | mg/L | 0.93% |
| 292.402 | 5906.9 | 0.4792 | 0.00725 | mg/L | 0.4792 | 0.00725 | mg/L | 1.51% |
| Zn 213.856 | 5305.3 | 0.4828 | 0.00447 | mg/L | 0.4828 | 0.00447 | mg/L | 0.93% |
| g 279.079 | 467.9 | 0.487 | 0.0005 | mg/L | 0.487 | 0.0005 | mg/L | 0.11% |
| a 317.933 | 5398.6 | 0.509 | 0.0074 | mg/L | 0.509 | 0.0074 | mg/L | 1.46% |
| n 189.933 | 575.8 | 0.913 | 0.0009 | mg/L | 0.913 | 0.0009 | mg/L | 0.10% |
| i 251.611 | 1500.5 | 0.500 | 0.0085 | mg/L | 0.500 | 0.0085 | mg/L | 1.70% |
| Ag 328.068 | 8343.4 | 0.513 | 0.0060 | mg/L | 0.513 | 0.0060 | mg/L | 1.18% |

Mean Data
ID: 569373 rd Seq. No.: 16 Sample No.: 11 A/S Pos: 16
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 10:18:14 AM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 5579.5 | 4.23 | 0.011 | mg/L | 4.23 | 0.011 | mg/L | 0.26% |
| As 188.979 | 0.9 | 0.0113 | 0.02156 | mg/L | 0.0113 | 0.02156 | mg/L | 190.76% |
| B 208.959 | 579.6 | 0.5988 | 0.00954 | mg/L | 0.5988 | 0.00954 | mg/L | 1.59% |
| Ba 233.527 | 8610.3 | 1.458 | 0.0070 | mg/L | 1.458 | 0.0070 | mg/L | 0.48% |
| Be 313.107 | -1024.6 | 0.0000 | 0.00020 | mg/L | 0.0000 | 0.00020 | mg/L | >999.9% |
| Cd 214.438 | -81.2 | 0.0005 | 0.00093 | mg/L | 0.0005 | 0.00093 | mg/L | 187.09% |
| Co 228.616 | 3.5 | 0.0009 | 0.00065 | mg/L | 0.0009 | 0.00065 | mg/L | 71.77% |
| Cr 267.716 | 67.6 | 0.0024 | 0.00131 | mg/L | 0.0024 | 0.00131 | mg/L | 54.86% |
| Cu 324.754 0.192 | 3346.0 | 0.1919 | 0.00119 | mg/L | 0.1919 | 0.00119 | mg/L | 0.62% |
| Fe 238.204 | 1136.7 | 0.2118 | 0.00219 | mg/L | 0.2118 | 0.00219 | mg/L | 1.03% |
| Mn 257.610 | 529.9 | 0.0148 | 0.00043 | mg/L | 0.0148 | 0.00043 | mg/L | 2.88% |
| Mo 202.030 | 314.6 | 0.203 | 0.0013 | mg/L | 0.203 | 0.0013 | mg/L | 0.62% |
| Ni 231.604 | 74.7 | 0.0077 | 0.00161 | mg/L | 0.0077 | 0.00161 | mg/L | 20.95% |
| Pb 220.353 | -31.6 | -0.0034 | 0.00135 | mg/L | -0.0034 | 0.00135 | mg/L | 39.16% |
| Sb 206.833 | 15.3 | -0.0116 | 0.01281 | mg/L | -0.0116 | 0.01281 | mg/L | 110.40% |
| Se 196.026 | -13.3 | 0.0189 | 0.00364 | mg/L | 0.0189 | 0.00364 | mg/L | 19.28% |
| Sr 407.771 | 1444103.2 | 2.098 | 0.0160 | mg/L | 2.098 | 0.0160 | mg/L | 0.76% |
| Ti 334.941 | -61.2 | -0.0030 | 0.00013 | mg/L | -0.0030 | 0.00013 | mg/L | 4.32% |
| Tl 190.800 | -13.7 | -0.0100 | 0.00303 | mg/L | -0.0100 | 0.00303 | mg/L | 30.18% |
| V 292.402 | -35.3 | -0.0016 | 0.00208 | mg/L | -0.0016 | 0.00208 | mg/L | 126.49% |
| Zn 213.856 | 2019.4 | 0.1644 | 0.00064 | mg/L | 0.1644 | 0.00064 | mg/L | 0.39% |
| Mg 279.079 | 21046.1 | 20.5 | 0.07 | mg/L | 20.5 | 0.07 | mg/L | 0.36% |
| Ca 317.933 | 1690621.8 | 166 | 1.3 | mg/L | 166 | 1.3 | mg/L | 0.81% |
| Sn 189.933 | 39.3 | 0.0341 | 0.00281 | mg/L | 0.0341 | 0.00281 | mg/L | 8.25% |
| Si 251.611 | 7753.4 | 3.04 | 0.032 | mg/L | 3.04 | 0.032 | mg/L | 1.06% |
| Ag 328.068 | -193.1 | -0.0021 | 0.00071 | mg/L | -0.0021 | 0.00071 | mg/L | 34.06% |

Mean Data
ID: 570235 rd Seq. No.: 17 Sample No.: 12 A/S Pos: 17
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0

Data: Original Date: 3/22/00 10:23:33 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 2324.2 | 1.77 | 0.002 | mg/L | 1.77 | 0.002 | mg/L | 0.09% |
| As 188.979 | 0.3 | 0.0073 | 0.01219 | mg/L | 0.0073 | 0.01219 | mg/L | 168.13% |
| B 208.959 | 559.0 | 0.5762 | 0.01135 | mg/L | 0.5762 | 0.01135 | mg/L | 1.97% |
| Ba 233.527 | 7584.3 | 1.286 | 0.0080 | mg/L | 1.286 | 0.0080 | mg/L | 0.62% |
| Be 313.107 | -1029.1 | 0.0000 | 0.00011 | mg/L | 0.0000 | 0.00011 | mg/L | 578.47% |
| Cd 214.438 | -80.6 | 0.0006 | 0.00044 | mg/L | 0.0006 | 0.00044 | mg/L | 79.65% |
| Co 228.616 | 2.5 | 0.0004 | 0.00139 | mg/L | 0.0004 | 0.00139 | mg/L | 334.72% |
| Cr 267.716 | 56.3 | 0.0014 | 0.00036 | mg/L | 0.0014 | 0.00036 | mg/L | 26.16% |
| Cu 324.754 0.135 | 2473.3 | 0.1347 | 0.00012 | mg/L | 0.1347 | 0.00012 | mg/L | 0.09% |
| Fe 238.204 | 1558.3 | 0.2995 | 0.00246 | mg/L | 0.2995 | 0.00246 | mg/L | 0.82% |
| Mn 257.610 | 484.7 | 0.0135 | 0.00023 | mg/L | 0.0135 | 0.00023 | mg/L | 1.71% |
| Mo 202.030 | 342.1 | 0.221 | 0.0019 | mg/L | 0.221 | 0.0019 | mg/L | 0.85% |
| Ni 231.604 | 79.9 | 0.0087 | 0.00120 | mg/L | 0.0087 | 0.00120 | mg/L | 13.79% |
| Pb 220.353 | -29.1 | -0.0003 | 0.00411 | mg/L | -0.0003 | 0.00411 | mg/L | >999.9% |
| Sb 206.833 | 17.4 | -0.0006 | 0.01092 | mg/L | -0.0006 | 0.01092 | mg/L | >999.9% |
| Se 196.026 | -16.6 | 0.0053 | 0.01337 | mg/L | 0.0053 | 0.01337 | mg/L | 250.32% |
| Sr 407.771 | 13949348.0 | 20.30 | 0.187 | mg/L | 20.30 | 0.187 | mg/L | 0.92% |
| Ti 334.941 | -79.3 | -0.0033 | 0.00074 | mg/L | -0.0033 | 0.00074 | mg/L | 22.33% |
| Tl 190.800 | -10.5 | 0.0187 | 0.00505 | mg/L | 0.0187 | 0.00505 | mg/L | 27.06% |
| V 292.402 | -48.4 | -0.0027 | 0.00218 | mg/L | -0.0027 | 0.00218 | mg/L | 80.75% |
| Zn 213.856 | 2124.8 | 0.1754 | 0.00142 | mg/L | 0.1754 | 0.00142 | mg/L | 0.81% |
| Mg 279.079 | 22264.7 | 21.6 | 0.20 | mg/L | 21.6 | 0.20 | mg/L | 0.91% |
| Ca 317.933 | 1464476.2 | 144 | 1.2 | mg/L | 144 | 1.2 | mg/L | 0.80% |
| Sn 189.933 | 37.0 | 0.0304 | 0.01170 | mg/L | 0.0304 | 0.01170 | mg/L | 38.50% |
| Si 251.611 | 7273.4 | 2.85 | 0.037 | mg/L | 2.85 | 0.037 | mg/L | 1.29% |
| Ag 328.068 | -174.3 | -0.0010 | 0.00026 | mg/L | -0.0010 | 0.00026 | mg/L | 27.54% |

Mean Data

ID: blk 1578 Seq. No.: 18 Sample No.: 13 A/S Pos: 18
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 10:29:06 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | -32.1 | 0.0188 | 0.00125 | mg/L | 0.0188 | 0.00125 | mg/L | 6.68% |
| As 188.979 | -1.4 | -0.0039 | 0.01641 | mg/L | -0.0039 | 0.01641 | mg/L | 425.31% |
| B 208.959 | 68.6 | 0.0389 | 0.00257 | mg/L | 0.0389 | 0.00257 | mg/L | 6.62% |
| Ba 233.527 | -69.0 | -0.0009 | 0.00047 | mg/L | -0.0009 | 0.00047 | mg/L | 55.01% |
| Be 313.107 | -1033.2 | 0.0000 | 0.00001 | mg/L | 0.0000 | 0.00001 | mg/L | 38.27% |
| Cd 214.438 | -76.4 | 0.0010 | 0.00018 | mg/L | 0.0010 | 0.00018 | mg/L | 17.83% |
| Co 228.616 | 8.0 | 0.0030 | 0.00034 | mg/L | 0.0030 | 0.00034 | mg/L | 11.17% |
| Cr 267.716 | 24.4 | -0.0015 | 0.00051 | mg/L | -0.0015 | 0.00051 | mg/L | 33.24% |
| Cu 324.754 | 475.9 | 0.0037 | 0.00108 | mg/L | 0.0037 | 0.00108 | mg/L | 29.50% |
| Fe 238.204 | 186.1 | 0.0142 | 0.00020 | mg/L | 0.0142 | 0.00020 | mg/L | 1.39% |
| Mn 257.610 | 29.8 | 0.0006 | 0.00002 | mg/L | 0.0006 | 0.00002 | mg/L | 2.71% |
| Mo 202.030 | 2.7 | 0.0008 | 0.00041 | mg/L | 0.0008 | 0.00041 | mg/L | 48.45% |
| Ni 231.604 | 33.9 | -0.0006 | 0.00087 | mg/L | -0.0006 | 0.00087 | mg/L | 150.51% |
| Pb 220.353 | -31.7 | -0.0035 | 0.00490 | mg/L | -0.0035 | 0.00490 | mg/L | 140.13% |
| Sb 206.833 | 12.6 | -0.0259 | 0.03297 | mg/L | -0.0259 | 0.03297 | mg/L | 127.33% |
| Se 196.026 | -11.6 | 0.0256 | 0.02227 | mg/L | 0.0256 | 0.02227 | mg/L | 87.07% |
| Sr 407.771 | 269.7 | 0.0005 | 0.00009 | mg/L | 0.0005 | 0.00009 | mg/L | 18.26% |
| Ti 334.941 | 35.0 | -0.0011 | 0.00017 | mg/L | -0.0011 | 0.00017 | mg/L | 15.22% |
| Tl 190.800 | -11.6 | 0.0085 | 0.01461 | mg/L | 0.0085 | 0.01461 | mg/L | 172.78% |
| V 292.402 | -20.6 | -0.0005 | 0.00099 | mg/L | -0.0005 | 0.00099 | mg/L | 217.33% |
| Zn 213.856 | 216.0 | 0.0014 | 0.00037 | mg/L | 0.0014 | 0.00037 | mg/L | 27.20% |
| Mg 279.079 | -28.7 | 0.0050 | 0.00934 | mg/L | 0.0050 | 0.00934 | mg/L | 186.33% |
| Ca 317.933 | 282.7 | 0.0070 | 0.00010 | mg/L | 0.0070 | 0.00010 | mg/L | 1.42% |
| Sn 189.933 | 26.9 | 0.0139 | 0.00151 | mg/L | 0.0139 | 0.00151 | mg/L | 10.90% |
| Si 251.611 | 1451.9 | 0.480 | 0.0038 | mg/L | 0.480 | 0.0038 | mg/L | 0.80% |
| Ag 328.068 | -147.2 | 0.0007 | 0.00020 | mg/L | 0.0007 | 0.00020 | mg/L | 29.70% |

Mean Data

ID: lcs 1578 Seq. No.: 19 Sample No.: 14 A/S Pos: 19
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 10:34:20 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| . 396.152 | 739.6 | 0.584 | 0.0079 mg/L | 0.584 | 0.0079 mg/L | 1.35% |
| ; 188.979 | 83.4 | 0.544 | 0.0273 mg/L | 0.544 | 0.0273 mg/L | 5.02% |
| 208.959 | 603.8 | 0.6070 | 0.00703 mg/L | 0.6070 | 0.00703 mg/L | 1.16% |
| ı 233.527 | 3208.7 | 0.5502 | 0.00179 mg/L | 0.5502 | 0.00179 mg/L | 0.33% |
| : 313.107 | 182876.0 | 0.5199 | 0.00439 mg/L | 0.5199 | 0.00439 mg/L | 0.84% |
| i 214.438 | 4926.5 | 0.5232 | 0.00509 mg/L | 0.5232 | 0.00509 mg/L | 0.97% |
| ) 228.616 | 1072.6 | 0.517 | 0.0041 mg/L | 0.517 | 0.0041 mg/L | 0.79% |
| : 267.716 | 5878.9 | 0.5286 | 0.00568 mg/L | 0.5286 | 0.00568 mg/L | 1.07% |
| ı 324.754 | 8464.2 | 0.5277 | 0.00697 mg/L | 0.5277 | 0.00697 mg/L | 1.32% |
| : 238.204 | 2758.7 | 0.5491 | 0.00125 mg/L | 0.5491 | 0.00125 mg/L | 0.23% |
| ı 257.610 | 18477.4 | 0.5243 | 0.00555 mg/L | 0.5243 | 0.00555 mg/L | 1.06% |
| ) 202.030 | 816.0 | 0.529 | 0.0049 mg/L | 0.529 | 0.0049 mg/L | 0.93% |
| i 231.604 | 2622.1 | 0.5239 | 0.01063 mg/L | 0.5239 | 0.01063 mg/L | 2.03% |
| ) 220.353 | 392.2 | 0.5123 | 0.00244 mg/L | 0.5123 | 0.00244 mg/L | 0.48% |
| ) 206.833 | 116.2 | 0.519 | 0.0064 mg/L | 0.519 | 0.0064 mg/L | 1.23% |
| : 196.026 | 114.4 | 0.533 | 0.0178 mg/L | 0.533 | 0.0178 mg/L | 3.34% |
| r 407.771 | 360556.4 | 0.5250 | 0.00360 mg/L | 0.5250 | 0.00360 mg/L | 0.69% |
| i 334.941 | 27149.6 | 0.5206 | 0.00576 mg/L | 0.5206 | 0.00576 mg/L | 1.11% |
| l 190.800 | 47.3 | 0.531 | 0.0315 mg/L | 0.531 | 0.0315 mg/L | 5.94% |
| 292.402 | 6473.7 | 0.5251 | 0.00659 mg/L | 0.5251 | 0.00659 mg/L | 1.26% |
| n 213.856 | 5853.7 | 0.5347 | 0.00323 mg/L | 0.5347 | 0.00323 mg/L | 0.60% |
| g 279.079 | 525.7 | 0.543 | 0.0080 mg/L | 0.543 | 0.0080 mg/L | 1.46% |
| a 317.933 | 6165.8 | 0.584 | 0.0049 mg/L | 0.584 | 0.0049 mg/L | 0.84% |
| n 189.933 | 619.0 | 0.984 | 0.0032 mg/L | 0.984 | 0.0032 mg/L | 0.32% |
| i 251.611 | 2214.7 | 0.790 | 0.0071 mg/L | 0.790 | 0.0071 mg/L | 0.90% |
| g 328.068 | 9658.1 | 0.592 | 0.0059 mg/L | 0.592 | 0.0059 mg/L | 1.00% |

ean Data ----------

D: 571629 2.05 Seq. No.: 20 Sample No.: 15 A/S Pos: 20
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 10:39:34 AM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 313743.7 | 237 | 2.8 | mg/L | 237 | 2.8 | mg/L | 1.17% |
| s 188.979 | 16.4 | 0.0427 | 0.00801 | mg/L | 0.0427 | 0.00801 | mg/L | 18.76% |
| 208.959 | 285.0 | 0.2028 | 0.00565 | mg/L | 0.2028 | 0.00565 | mg/L | 2.78% |
| a 233.527 | 8268.8 | 1.426 | 0.0052 | mg/L | 1.426 | 0.0052 | mg/L | 0.37% |
| e 313.107 | 3399.1 | 0.0125 | 0.00009 | mg/L | 0.0125 | 0.00009 | mg/L | 0.70% |
| d 214.438 | 49.2 | 0.0092 | 0.00005 | mg/L | 0.0092 | 0.00005 | mg/L | 0.59% |
| o 228.616 | 223.1 | 0.107 | 0.0052 | mg/L | 0.107 | 0.0052 | mg/L | 4.85% |
| r 267.716 | 3318.9 | 0.3053 | 0.00204 | mg/L | 0.3053 | 0.00204 | mg/L | 0.67% |
| u 324.754 | 3915.4 | 0.2044 | 0.00051 | mg/L | 0.2044 | 0.00051 | mg/L | 0.25% |
| e 238.204 | 1245664.1 | 258.9 | 2.72 | mg/L | 258.9 | 2.72 | mg/L | 1.05% |
| n 257.610 | 165210.9 | 4.684 | 0.0508 | mg/L | 4.684 | 0.0508 | mg/L | 1.08% |
| o 202.030 | 31.7 | 0.0197 | 0.00476 | mg/L | 0.0197 | 0.00476 | mg/L | 24.18% |
| i 231.604 | 1353.4 | 0.2668 | 0.00130 | mg/L | 0.2668 | 0.00130 | mg/L | 0.49% |
| b 220.353 64 | 1001.1 | 1.309 | 0.0007 | mg/L | 1.309 | 0.0007 | mg/L | 0.05% |
| b 206.833 | 10.0 | 0.0759 | 0.01225 | mg/L | 0.0759 | 0.01225 | mg/L | 16.14% |
| e 196.026 | 2.2 | 0.0811 | 0.03150 | mg/L | 0.0811 | 0.03150 | mg/L | 38.82% |
| r 407.771 | 359445.2 | 0.4913 | 0.00582 | mg/L | 0.4913 | 0.00582 | mg/L | 1.19% |
| i 334.941 | 100310.3 | 1.928 | 0.0124 | mg/L | 1.928 | 0.0124 | mg/L | 0.64% |
| l 190.800 | -13.4 | -0.0702 | 0.02251 | mg/L | -0.0702 | 0.02251 | mg/L | 32.06% |
| / 292.402 | 5331.9 | 0.3873 | 0.00071 | mg/L | 0.3873 | 0.00071 | mg/L | 0.18% |
| n 213.856 | 10726.2 | 0.9164 | 0.00521 | mg/L | 0.9164 | 0.00521 | mg/L | 0.57% |
| g 279.079 | 506328.6 | 492 | 5.7 | mg/L | 492 | 5.7 | mg/L | 1.15% |
| a 317.933 | 9397149.0 | 921 | 8.6 | mg/L | 921 | 8.6 | mg/L | 0.93% |
| n 189.933 | 17.0 | -0.0025 | 0.02322 | mg/L | -0.0025 | 0.02322 | mg/L | 937.02% |
| i 251.611 | 32213.5 | 13.0 | 0.19 | mg/L | 13.0 | 0.19 | mg/L | 1.49% |
| g 328.068 | -395.6 | -0.0143 | 0.00063 | mg/L | -0.0143 | 0.00063 | mg/L | 4.41% |

Mean Data ----------

ID: 571630 2.10 Seq. No.: 21 Sample No.: 16 A/S Pos: 21
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 10:44:57 AM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 302674.6 | 228 | 0.4 | mg/L | 228 | 0.4 | mg/L | 0.18% |
| As 188.979 | 47.5 | 0.242 | 0.0237 | mg/L | 0.242 | 0.0237 | mg/L | 9.82% |
| B 208.959 | 237.9 | 0.1244 | 0.00547 | mg/L | 0.1244 | 0.00547 | mg/L | 4.40% |
| Ba 233.527 | 8114.5 | 1.409 | 0.0124 | mg/L | 1.409 | 0.0124 | mg/L | 0.88% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| : 313.107 | 3127.3 | 0.0117 | 0.00003 mg/L | 0.0117 | 0.00003 mg/L | 0.25% |
| l 214.438 | 107.0 | 0.0112 | 0.00031 mg/L | 0.0112 | 0.00031 mg/L | 2.80% |
| ) 228.616 | 303.1 | 0.145 | 0.0019 mg/L | 0.145 | 0.0019 mg/L | 1.34% |
| : 267.716 | 5332.0 | 0.4939 | 0.00210 mg/L | 0.4939 | 0.00210 mg/L | 0.43% |
| ı 324.754 | 10639.5 | 0.6363 | 0.00682 mg/L | 0.6363 | 0.00682 mg/L | 1.07% |
| : 238.204 | 1701444.2 | 353.7 | 0.45 mg/L | 353.7 | 0.45 mg/L | 0.13% |
| ı 257.610 | 180135.2 | 5.107 | 0.0037 mg/L | 5.107 | 0.0037 mg/L | 0.07% |
| ) 202.030 | 59.8 | 0.0379 | 0.00030 mg/L | 0.0379 | 0.00030 mg/L | 0.80% |
| i 231.604 | 2026.0 | 0.4031 | 0.00538 mg/L | 0.4031 | 0.00538 mg/L | 1.33% |
| ) 220.353 5,800 | 99365.0 | 121.0 | 1.25 mg/L | 121.0 | 1.25 mg/L | 1.03% |
| ) 206.833 | 7.7 | 0.106 | 0.0278 mg/L | 0.106 | 0.0278 mg/L | 26.22% |
| : 196.026 | 16.1 | 0.137 | 0.0002 mg/L | 0.137 | 0.0002 mg/L | 0.14% |
| : 407.771 | 417678.8 | 0.5743 | 0.00077 mg/L | 0.5743 | 0.00077 mg/L | 0.13% |
| i 334.941 | 98007.6 | 1.884 | 0.0230 mg/L | 1.884 | 0.0230 mg/L | 1.22% |
| l 190.800 | -16.3 | -0.0995 | 0.00811 mg/L | -0.0995 | 0.00811 mg/L | 8.15% |
| 292.402 | 5919.4 | 0.4183 | 0.00250 mg/L | 0.4183 | 0.00250 mg/L | 0.60% |
| n 213.856 | 14929.9 | 1.304 | 0.0184 mg/L | 1.304 | 0.0184 mg/L | 1.41% |
| g 279.079 | 546379.1 | 530 | 1.3 mg/L | 530 | 1.3 mg/L | 0.25% |
| a 317.933 | 9581056.7 | 939 | 11.5 mg/L | 939 | 11.5 mg/L | 1.22% |
| n 189.933 | 21.0 | 0.0042 | 0.00381 mg/L | 0.0042 | 0.00381 mg/L | 90.99% |
| i 251.611 | 30927.4 | 12.5 | 0.21 mg/L | 12.5 | 0.21 mg/L | 1.65% |
| g 328.068 | -385.8 | -0.0137 | 0.00109 mg/L | -0.0137 | 0.00109 mg/L | 7.97% |

ean ata

D: 571631 2.06 Seq. No.: 22 Sample No.: 17 A/S Pos: 22
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 10:50:12 AM

| lement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 285044.1 | 215 | 1.5 | mg/L | 215 | 1.5 | mg/L | 0.69% |
| s 188.979 | 13.7 | 0.0586 | 0.02037 | mg/L | 0.0586 | 0.02037 | mg/L | 34.78% |
| 208.959 | 216.4 | 0.1050 | 0.00528 | mg/L | 0.1050 | 0.00528 | mg/L | 5.02% |
| a 233.527 | 9272.4 | 1.602 | 0.0011 | mg/L | 1.602 | 0.0011 | mg/L | 0.07% |
| e 313.107 | 3240.8 | 0.0121 | 0.00002 | mg/L | 0.0121 | 0.00002 | mg/L | 0.19% |
| d 214.438 | 70.6 | 0.0077 | 0.00008 | mg/L | 0.0077 | 0.00008 | mg/L | 1.02% |
| o 228.616 | 328.0 | 0.158 | 0.0002 | mg/L | 0.158 | 0.0002 | mg/L | 0.10% |
| r 267.716 | 8990.4 | 0.8362 | 0.00363 | mg/L | 0.8362 | 0.00363 | mg/L | 0.43% |
| u 324.754 | 5996.7 | 0.3332 | 0.00091 | mg/L | 0.3332 | 0.00091 | mg/L | 0.27% |
| e 238.204 | 1630704.9 | 339.0 | 2.08 | mg/L | 339.0 | 2.08 | mg/L | 0.61% |
| n 257.610 | 157449.0 | 4.467 | 0.0278 | mg/L | 4.467 | 0.0278 | mg/L | 0.62% |
| o 202.030 | 75.9 | 0.0484 | 0.00007 | mg/L | 0.0484 | 0.00007 | mg/L | 0.14% |
| i 231.604 | 3015.0 | 0.6035 | 0.00304 | mg/L | 0.6035 | 0.00304 | mg/L | 0.50% |
| b 353 160 | 2652.4 | 3.314 | 0.0194 | mg/L | 3.314 | 0.0194 | mg/L | 0.59% |
| b 206.833 | 4.0 | 0.0796 | 0.00336 | mg/L | 0.0796 | 0.00336 | mg/L | 4.22% |
| e 196.026 | 10.3 | 0.114 | 0.0091 | mg/L | 0.114 | 0.0091 | mg/L | 7.99% |
| r 407.771 | 229470.1 | 0.3185 | 0.00192 | mg/L | 0.3185 | 0.00192 | mg/L | 0.60% |
| i 334.941 | 95449.8 | 1.835 | 0.0015 | mg/L | 1.835 | 0.0015 | mg/L | 0.08% |
| l 190.800 | -18.9 | -0.0562 | 0.01369 | mg/L | -0.0562 | 0.01369 | mg/L | 24.35% |
| / 292.402 | 6154.2 | 0.4399 | 0.00070 | mg/L | 0.4399 | 0.00070 | mg/L | 0.16% |
| n 213.856 | 13389.1 | 1.196 | 0.0049 | mg/L | 1.196 | 0.0049 | mg/L | 0.41% |
| g 279.079 | 229824.4 | 223 | 1.6 | mg/L | 223 | 1.6 | mg/L | 0.70% |
| a 317.933 | 3439236.7 | 337 | 2.1 | mg/L | 337 | 2.1 | mg/L | 0.62% |
| n 189.933 | 26.3 | 0.0128 | 0.00074 | mg/L | 0.0128 | 0.00074 | mg/L | 5.77% |
| i 251.611 | 22144.1 | 8.89 | 0.008 | mg/L | 8.89 | 0.008 | mg/L | 0.09% |
| g 328.068 | -329.6 | -0.0103 | 0.00075 | mg/L | -0.0103 | 0.00075 | mg/L | 7.24% |

Mean Data

ID: 571632 100x 2.13 Seq. No.: 23 Sample No.: 18 A/S Pos: 23
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 10:55:30 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 82.8 | 0.0564 | 0.00855 | mg/L | 0.0564 | 0.00855 | mg/L | 15.16% |
| As 188.979 | 0.3 | 0.0073 | 0.01055 | mg/L | 0.0073 | 0.01055 | mg/L | 145.36% |
| B 208.959 | 22.1 | -0.0298 | 0.00219 | mg/L | -0.0298 | 0.00219 | mg/L | 7.35% |
| Ba 233.527 | -72.4 | 0.0046 | 0.00147 | mg/L | 0.0046 | 0.00147 | mg/L | 31.82% |
| Be 313.107 | -1046.2 | -0.0001 | 0.00011 | mg/L | -0.0001 | 0.00011 | mg/L | 155.09% |
| Cd 214.438 | -51.4 | 0.0036 | 0.00086 | mg/L | 0.0036 | 0.00086 | mg/L | 23.98% |
| Co 228.616 | 16.6 | 0.0072 | 0.00062 | mg/L | 0.0072 | 0.00062 | mg/L | 8.55% |
| Cr 267.716 | 152.6 | 0.0101 | 0.00115 | mg/L | 0.0101 | 0.00115 | mg/L | 11.40% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ı 324.754 | 978.2 | 0.0306 | 0.00276 mg/L | 0.0306 | 0.00276 mg/L | 9.02% |
| e 238.204 | 301890.1 | 62.74 | 0.095 mg/L | 62.74 | 0.095 mg/L | 0.15% |
| n 257.610 | 9505.0 | 0.2696 | 0.00063 mg/L | 0.2696 | 0.00063 mg/L | 0.23% |
| o 202.030 | -4.0 | -0.0036 | 0.00128 mg/L | -0.0036 | 0.00128 mg/L | 36.00% |
| i 231.604 | 70.7 | 0.0069 | 0.00042 mg/L | 0.0069 | 0.00042 mg/L | 6.13% |
| b 220.353 53,000 | 9261.3 | 11.31 | 0.054 mg/L | 11.31 | 0.054 mg/L | 0.48% |
| b 206.833 | 13.2 | 0.0052 | 0.00897 mg/L | 0.0052 | 0.00897 mg/L | 171.62% |
| e 196.026 | -9.0 | 0.0363 | 0.04164 mg/L | 0.0363 | 0.04164 mg/L | 114.84% |
| r 407.771 | 4963.2 | 0.0073 | 0.00003 mg/L | 0.0073 | 0.00003 mg/L | 0.38% |
| i 334.941 | 200.1 | 0.0021 | 0.00113 mg/L | 0.0021 | 0.00113 mg/L | 54.46% |
| l 190.800 | -12.0 | 0.0054 | 0.03044 mg/L | 0.0054 | 0.03044 mg/L | 563.39% |
| 292.402 | 57.4 | -0.0051 | 0.00004 mg/L | -0.0051 | 0.00004 mg/L | 0.78% |
| n 213.856 | 644.5 | 0.0364 | 0.00140 mg/L | 0.0364 | 0.00140 mg/L | 3.83% |
| g 279.079 | 349.2 | 0.372 | 0.0051 mg/L | 0.372 | 0.0051 mg/L | 1.37% |
| a 317.933 | 13257.1 | 1.28 | 0.003 mg/L | 1.28 | 0.003 mg/L | 0.25% |
| n 189.933 | 18.3 | -0.0002 | 0.00166 mg/L | -0.0002 | 0.00166 mg/L | 725.57% |
| i 251.611 | 1075.1 | 0.327 | 0.0032 mg/L | 0.327 | 0.0032 mg/L | 0.98% |
| g 328.068 | -138.8 | 0.0012 | 0.00274 mg/L | 0.0012 | 0.00274 mg/L | 230.05% |

ean Data ----------

D: r blk Seq. No.: 24 Sample No.: 1 A/S Pos: 4
ample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 11:00:38 AM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | -51.8 | 0.0039 | 0.00442 | mg/L | | | | 113.53% |
| s 188.979 | -1.7 | -0.0058 | 0.01578 | mg/L | | | | 273.74% |
| 208.959 | 28.8 | -0.0048 | 0.00082 | mg/L | | | | 17.21% |
| a 233.527 | -62.2 | 0.0003 | 0.00124 | mg/L | | | | 453.34% |
| e 313.107 | -1053.6 | -0.0001 | 0.00001 | mg/L | | | | 15.52% |
| d 214.438 | -78.7 | 0.0008 | 0.00037 | mg/L | | | | 49.44% |
| o 228.616 | -0.0 | -0.0008 | 0.00065 | mg/L | | | | 81.20% |
| r 267.716 | 42.6 | 0.0001 | 0.00035 | mg/L | | | | 260.94% |
| u 324.754 | 465.0 | 0.0030 | 0.00170 | mg/L | | | | 57.34% |
| e 238.204 | 130.1 | 0.0026 | 0.00048 | mg/L | | | | 18.87% |
| n 257.610 | 4.0 | -0.0002 | 0.00031 | mg/L | | | | 192.65% |
| o 202.030 | 1.1 | -0.0002 | 0.00170 | mg/L | | | | 770.86% |
| i 231.604 | 31.6 | -0.0010 | 0.00185 | mg/L | | | | 176.10% |
| b 220.353 | -32.0 | -0.0038 | 0.00057 | mg/L | | | | 14.88% |
| b 206.833 | 15.8 | -0.0087 | 0.03530 | mg/L | | | | 405.55% |
| e 196.026 | -16.8 | 0.0049 | 0.02458 | mg/L | | | | 506.51% |
| r 407.771 | -64.3 | 0.0000 | 0.00004 | mg/L | | | | 202.63% |
| i 334.941 | 58.7 | -0.0006 | 0.00021 | mg/L | | | | 32.30% |
| l 190.800 | -12.7 | -0.0014 | 0.01029 | mg/L | | | | 731.94% |
| / 292.402 | -17.2 | -0.0002 | 0.00076 | mg/L | | | | 428.23% |
| n 213.856 | 178.4 | -0.0022 | 0.00044 | mg/L | | | | 19.85% |
| g 279.079 | -34.5 | -0.0006 | 0.01410 | mg/L | | | | >999.9% |
| a 317.933 | 221.8 | 0.0010 | 0.00192 | mg/L | | | | 189.38% |
| n 189.933 | 18.6 | 0.0001 | 0.00321 | mg/L | | | | >999.9% |
| i 251.611 | 351.8 | 0.0332 | 0.00320 | mg/L | | | | 9.65% |
| g 328.068 | -154.1 | 0.0003 | 0.00104 | mg/L | | | | 390.66% |

Mean Data ----------

ID: ccv Seq. No.: 25 Sample No.: 2 A/S Pos: 7
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 11:05:55 AM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 2502.8 | 1.90 | 0.000 | mg/L | | | | 0.02% |
| As 188.979 | 305.0 | 1.97 | 0.012 | mg/L | | | | 0.61% |
| B 208.959 | 902.4 | 0.9196 | 0.00001 | mg/L | | | | 0.00% |
| Ba 233.527 | 11384.7 | 1.925 | 0.0073 | mg/L | | | | 0.38% |
| Be 313.107 | 337017.1 | 0.9557 | 0.00492 | mg/L | | | | 0.52% |
| Cd 214.438 | 9057.0 | 0.9544 | 0.00429 | mg/L | | | | 0.45% |
| Co 228.616 | 1982.4 | 0.956 | 0.0021 | mg/L | | | | 0.22% |
| Cr 267.716 | 21224.6 | 1.918 | 0.0118 | mg/L | | | | 0.62% |
| Cu 324.754 | 15218.1 | 0.9707 | 0.00294 | mg/L | | | | 0.30% |
| Fe 238.204 | 9406.4 | 1.931 | 0.0087 | mg/L | | | | 0.45% |
| Mn 257.610 | 33986.1 | 0.9647 | 0.00631 | mg/L | | | | 0.65% |
| Mo 202.030 | 1474.9 | 0.957 | 0.0089 | mg/L | | | | 0.93% |

| | | | | | |
|---|---|---|---|---|---|
| i 231.604 | 4769.5 | 0.9590 | 0.00913 | mg/L | 0.95% |
| b 220.353 | 1544.5 | 1.915 | 0.0017 | mg/L | 0.09% |
| b 206.833 | 382.6 | 1.88 | 0.012 | mg/L | 0.64% |
| e 196.026 | 461.8 | 1.93 | 0.006 | mg/L | 0.31% |
| r 407.771 | 662463.2 | 0.9644 | 0.00444 | mg/L | 0.46% |
| i 334.941 | 49080.0 | 0.9425 | 0.00397 | mg/L | 0.42% |
| l 190.800 | 203.2 | 1.91 | 0.030 | mg/L | 1.59% |
| 292.402 | 11871.7 | 0.9737 | 0.00523 | mg/L | 0.54% |
| n 213.856 | 20571.9 | 1.927 | 0.0054 | mg/L | 0.28% |
| g 279.079 | 1990.2 | 1.96 | 0.017 | mg/L | 0.88% |
| a 317.933 | 20603.9 | 2.00 | 0.012 | mg/L | 0.61% |
| n 189.933 | 1224.0 | 1.98 | 0.016 | mg/L | 0.79% |
| i 251.611 | 5377.0 | 2.08 | 0.020 | mg/L | 0.97% |
| g 328.068 | 17304.8 | 1.05 | 0.005 | mg/L | 0.49% |

lean Data ----------

D: 571633 2.04 Seq. No.: 26 Sample No.: 19 A/S Pos: 24
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 11:11:03 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 3 152 | 306104.6 | 231 | 3.2 | mg/L | 231 | 3.2 | mg/L | 1.36% |
| s 1 .979 | 17.5 | 0.103 | 0.0314 | mg/L | 0.103 | 0.0314 | mg/L | 30.36% |
| 208.959 | 247.0 | 0.1278 | 0.00026 | mg/L | 0.1278 | 0.00026 | mg/L | 0.20% |
| a 233.527 | 8461.0 | 1.470 | 0.0143 | mg/L | 1.470 | 0.0143 | mg/L | 0.97% |
| e 313.107 | 3678.5 | 0.0133 | 0.00001 | mg/L | 0.0133 | 0.00001 | mg/L | 0.08% |
| d 214.438 | 105.3 | 0.0101 | 0.00145 | mg/L | 0.0101 | 0.00145 | mg/L | 14.30% |
| o 228.616 | 392.5 | 0.189 | 0.0008 | mg/L | 0.189 | 0.0008 | mg/L | 0.45% |
| r 267.716 | 3617.2 | 0.3526 | 0.00189 | mg/L | 0.3526 | 0.00189 | mg/L | 0.54% |
| u 324.754 | 8077.3 | 0.4660 | 0.00414 | mg/L | 0.4660 | 0.00414 | mg/L | 0.89% |
| e 238.204 | 1814409.1 | 377.2 | 4.37 | mg/L | 377.2 | 4.37 | mg/L | 1.16% |
| n 257.610 | 112585.9 | 3.196 | 0.0222 | mg/L | 3.196 | 0.0222 | mg/L | 0.70% |
| o 202.030 | 83.4 | 0.0532 | 0.00026 | mg/L | 0.0532 | 0.00026 | mg/L | 0.48% |
| i 231.604 | 2172.5 | 0.4328 | 0.00074 | mg/L | 0.4328 | 0.00074 | mg/L | 0.17% |
| Pb 220.353 20 | 266.5 | 0.4141 | 0.00151 | mg/L | 0.4141 | 0.00151 | mg/L | 0.37% |
| Sb 206.833 | -8.0 | 0.0340 | 0.01144 | mg/L | 0.0340 | 0.01144 | mg/L | 33.67% |
| Se 196.026 | 10.9 | 0.116 | 0.0420 | mg/L | 0.116 | 0.0420 | mg/L | 36.13% |
| Sr 407.771 | 176589.6 | 0.2485 | 0.00326 | mg/L | 0.2485 | 0.00326 | mg/L | 1.31% |
| Ti 334.941 | 116815.3 | 2.246 | 0.0223 | mg/L | 2.246 | 0.0223 | mg/L | 0.99% |
| Tl 190.800 | -26.1 | -0.0796 | 0.02356 | mg/L | -0.0796 | 0.02356 | mg/L | 29.58% |
| V 292.402 | 6858.8 | 0.4902 | 0.00484 | mg/L | 0.4902 | 0.00484 | mg/L | 0.99% |
| Zn 213.856 | 16949.8 | 1.551 | 0.0115 | mg/L | 1.551 | 0.0115 | mg/L | 0.74% |
| Mg .079 | 71773.4 | 69.7 | 0.58 | mg/L | 69.7 | 0.58 | mg/L | 0.83% |
| Ca .933 | 851313.8 | 83.3 | 1.01 | mg/L | 83.3 | 1.01 | mg/L | 1.21% |
| Sn 189.933 | 32.7 | 0.0233 | 0.00301 | mg/L | 0.0233 | 0.00301 | mg/L | 12.90% |
| Si 251.611 | 61603.9 | 24.9 | 0.33 | mg/L | 24.9 | 0.33 | mg/L | 1.34% |
| Ag 328.068 | -290.7 | -0.0080 | 0.00163 | mg/L | -0.0080 | 0.00163 | mg/L | 20.49% |

Mean Data ----------

ID: 571249 rd 2.14 Seq. No.: 27 Sample No.: 20 A/S Pos: 25
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 11:16:12 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 288806.6 | 218 | 1.8 | mg/L | 218 | 1.8 | mg/L | 0.84% |
| As 188.979 | 40.1 | 0.236 | 0.0161 | mg/L | 0.236 | 0.0161 | mg/L | 6.82% |
| B 208.959 | 306.0 | 0.1807 | 0.00703 | mg/L | 0.1807 | 0.00703 | mg/L | 3.89% |
| Ba 233.527 | 9678.2 | 1.678 | 0.0035 | mg/L | 1.678 | 0.0035 | mg/L | 0.21% |
| Be 313.107 | 4698.7 | 0.0162 | 0.00005 | mg/L | 0.0162 | 0.00005 | mg/L | 0.34% |
| Cd 214.438 | 398.2 | 0.0387 | 0.00033 | mg/L | 0.0387 | 0.00033 | mg/L | 0.85% |
| Co 228.616 | 338.8 | 0.163 | 0.0030 | mg/L | 0.163 | 0.0030 | mg/L | 1.82% |
| Cr 267.716 | 5431.4 | 0.5200 | 0.00302 | mg/L | 0.5200 | 0.00302 | mg/L | 0.58% |
| Cu 324.754 | 14609.4 | 0.8905 | 0.00280 | mg/L | 0.8905 | 0.00280 | mg/L | 0.31% |
| Fe 238.204 | 2012765.8 | 418.5 | 3.06 | mg/L | 418.5 | 3.06 | mg/L | 0.73% |
| Mn 257.610 | 277072.5 | 7.867 | 0.0564 | mg/L | 7.867 | 0.0564 | mg/L | 0.72% |
| Mo 202.030 | 148.4 | 0.0955 | 0.00202 | mg/L | 0.0955 | 0.00202 | mg/L | 2.12% |
| Ni 231.604 | 2471.1 | 0.4933 | 0.00158 | mg/L | 0.4933 | 0.00158 | mg/L | 0.32% |
| Pb 220.353 750 | 13043.3 | 15.96 | 0.066 | mg/L | 15.96 | 0.066 | mg/L | 0.41% |
| Sb 206.833 | 31.6 | 0.260 | 0.0238 | mg/L | 0.260 | 0.0238 | mg/L | 9.16% |
| Se 196.026 | 8.4 | 0.106 | 0.0254 | mg/L | 0.106 | 0.0254 | mg/L | 23.92% |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| r 407.771 | 839380.7 | 1.203 | 0.0084 | mg/L | 1.203 | 0.0084 | mg/L | 0.70% |
| i 334.941 | 189624.3 | 3.646 | 0.0370 | mg/L | 3.646 | 0.0370 | mg/L | 1.02% |
| l 190.800 | -20.2 | -0.0785 | 0.02137 | mg/L | -0.0785 | 0.02137 | mg/L | 27.22% |
| 292.402 | 9626.4 | 0.7069 | 0.00156 | mg/L | 0.7069 | 0.00156 | mg/L | 0.22% |
| n 213.856 | 37996.2 | 3.519 | 0.0082 | mg/L | 3.519 | 0.0082 | mg/L | 0.23% |
| g 279.079 | 104306.6 | 101 | 0.3 | mg/L | 101 | 0.3 | mg/L | 0.27% |
| a 317.933 | 4445070.8 | 436 | 3.3 | mg/L | 436 | 3.3 | mg/L | 0.76% |
| n 189.933 | 166.1 | 0.242 | 0.0128 | mg/L | 0.242 | 0.0128 | mg/L | 5.29% |
| i 251.611 | 65406.9 | 26.5 | 0.25 | mg/L | 26.5 | 0.25 | mg/L | 0.96% |
| g 328.068 | -347.8 | -0.0114 | 0.00202 | mg/L | -0.0114 | 0.00202 | mg/L | 17.64% |

ean Data

D: 571250 rd 2.14 Seq. No.: 28 Sample No.: 21 A/S Pos: 26
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 11:21:24 AM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 333097.8 | 251 | 2.6 | mg/L | 251 | 2.6 | mg/L | 1.02% |
| s 188.979 | 45.9 | 0.266 | 0.0011 | mg/L | 0.266 | 0.0011 | mg/L | 0.43% |
| 208.959 | 363.7 | 0.2367 | 0.00186 | mg/L | 0.2367 | 0.00186 | mg/L | 0.79% |
| a 233.527 | 13300.6 | 2.290 | 0.0132 | mg/L | 2.290 | 0.0132 | mg/L | 0.58% |
| e 313.107 | 6742.1 | 0.0220 | 0.00015 | mg/L | 0.0220 | 0.00015 | mg/L | 0.70% |
| d 214.438 | 457.2 | 0.0446 | 0.00050 | mg/L | 0.0446 | 0.00050 | mg/L | 1.12% |
| o 228.616 | 349.1 | 0.168 | 0.0012 | mg/L | 0.168 | 0.0012 | mg/L | 0.70% |
| r 267.716 | 6293.7 | 0.6000 | 0.00075 | mg/L | 0.6000 | 0.00075 | mg/L | 0.13% |
| u 324.754 | 16249.4 | 0.9956 | 0.00620 | mg/L | 0.9956 | 0.00620 | mg/L | 0.62% |
| e 238.204 | 2137827.5 | 444.5 | 4.02 | mg/L | 444.5 | 4.02 | mg/L | 0.91% |
| n 257.610 | 415594.9 | 11.80 | 0.108 | mg/L | 11.80 | 0.108 | mg/L | 0.92% |
| o 202.030 | 145.8 | 0.0938 | 0.00114 | mg/L | 0.0938 | 0.00114 | mg/L | 1.22% |
| i 231.604 | 2573.4 | 0.5140 | 0.00044 | mg/L | 0.5140 | 0.00044 | mg/L | 0.09% |
| b 220.353 750 | 13087.6 | 16.02 | 0.101 | mg/L | 16.02 | 0.101 | mg/L | 0.63% |
| b 206.833 | 31.5 | 0.271 | 0.0109 | mg/L | 0.271 | 0.0109 | mg/L | 4.04% |
| e 196.026 | 0.6 | 0.0746 | 0.00040 | mg/L | 0.0746 | 0.00040 | mg/L | 0.54% |
| r 407.771 | 974483.3 | 1.395 | 0.0130 | mg/L | 1.395 | 0.0130 | mg/L | 0.93% |
| i 334.941 | 159912.2 | 3.075 | 0.0180 | mg/L | 3.075 | 0.0180 | mg/L | 0.58% |
| l 190.800 | -13.2 | -0.0314 | 0.00864 | mg/L | -0.0314 | 0.00864 | mg/L | 27.50% |
| 292.402 | 8813.5 | 0.6366 | 0.00481 | mg/L | 0.6366 | 0.00481 | mg/L | 0.76% |
| n 213.856 | 44877.9 | 4.160 | 0.0135 | mg/L | 4.160 | 0.0135 | mg/L | 0.32% |
| g 279.079 | 124885.2 | 121 | 0.6 | mg/L | 121 | 0.6 | mg/L | 0.52% |
| a 317.933 | 6300892.9 | 618 | 5.8 | mg/L | 618 | 5.8 | mg/L | 0.94% |
| n 189.933 | 168.9 | 0.247 | 0.0030 | mg/L | 0.247 | 0.0030 | mg/L | 1.23% |
| i 251.611 | 128346.8 | 52.1 | 0.55 | mg/L | 52.1 | 0.55 | mg/L | 1.07% |
| g 328.068 | -365.0 | -0.0125 | 0.00080 | mg/L | -0.0125 | 0.00080 | mg/L | 6.45% |

lean Data

D: 571399 2.14 Seq. No.: 29 Sample No.: 22 A/S Pos: 27
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 11:26:41 AM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 75127.4 | 56.2 | 0.87 | mg/L | 56.2 | 0.87 | mg/L | 1.54% |
| s 188.979 | 12.1 | 0.0160 | 0.03630 | mg/L | 0.0160 | 0.03630 | mg/L | 226.21% |
| 208.959 | 145.6 | 0.0917 | 0.00571 | mg/L | 0.0917 | 0.00571 | mg/L | 6.23% |
| a 233.527 | 1464.7 | 0.2677 | 0.00039 | mg/L | 0.2677 | 0.00039 | mg/L | 0.15% |
| e 313.107 | 171.2 | 0.0034 | 0.00001 | mg/L | 0.0034 | 0.00001 | mg/L | 0.37% |
| d 214.438 | -20.7 | 0.0023 | 0.00053 | mg/L | 0.0023 | 0.00053 | mg/L | 23.33% |
| o 228.616 | 151.6 | 0.0724 | 0.00519 | mg/L | 0.0724 | 0.00519 | mg/L | 7.18% |
| r 267.716 | 1530.1 | 0.1295 | 0.00100 | mg/L | 0.1295 | 0.00100 | mg/L | 0.77% |
| u 324.754 | 2589.8 | 0.1316 | 0.00230 | mg/L | 0.1316 | 0.00230 | mg/L | 1.75% |
| e 238.204 | 536547.7 | 111.5 | 1.32 | mg/L | 111.5 | 1.32 | mg/L | 1.18% |
| n 257.610 | 229844.9 | 6.517 | 0.0788 | mg/L | 6.517 | 0.0788 | mg/L | 1.21% |
| o 202.030 | 34.1 | 0.0212 | 0.00068 | mg/L | 0.0212 | 0.00068 | mg/L | 3.20% |
| i 231.604 | 714.0 | 0.1372 | 0.00157 | mg/L | 0.1372 | 0.00157 | mg/L | 1.14% |
| b 220.353 6.1 | 78.7 | 0.1309 | 0.00751 | mg/L | 0.1309 | 0.00751 | mg/L | 5.73% |
| b 206.833 | 19.3 | 0.0590 | 0.00170 | mg/L | 0.0590 | 0.00170 | mg/L | 2.88% |
| e 196.026 | -6.2 | 0.0475 | 0.01297 | mg/L | 0.0475 | 0.01297 | mg/L | 27.32% |
| r 407.771 | 377152.8 | 0.5172 | 0.00694 | mg/L | 0.5172 | 0.00694 | mg/L | 1.34% |
| i 334.941 | 126296.6 | 2.428 | 0.0077 | mg/L | 2.428 | 0.0077 | mg/L | 0.32% |
| l 190.800 | -12.1 | -0.131 | 0.0270 | mg/L | -0.131 | 0.0270 | mg/L | 20.67% |
| 292.402 | 2424.3 | 0.1779 | 0.00004 | mg/L | 0.1779 | 0.00004 | mg/L | 0.02% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 213.856 | 5286.3 | 0.3990 | 0.00152 mg/L | 0.3990 | 0.00152 mg/L | 0.38% |
| g 279.079 | 621603.7 | 603 | 7.6 mg/L | 603 | 7.6 mg/L | 1.26% |
| a 317.933 | 12172972.8 | 1190 | 6.9 mg/L | 1190 | 6.9 mg/L | 0.58% |
| 1 189.933 | -9.0 | -0.0450 | 0.00096 mg/L | -0.0450 | 0.00096 mg/L | 2.14% |
| i 251.611 | 69864.4 | 28.3 | 0.21 mg/L | 28.3 | 0.21 mg/L | 0.75% |
| g 328.068 | -369.5 | -0.0127 | 0.00100 mg/L | -0.0127 | 0.00100 mg/L | 7.89% |

ean Data ----------

D: 571402 2.10 Seq. No.: 30 Sample No.: 23 A/S Pos: 28
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 11:32:04 AM

| lement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 95173.2 | 71.3 | 0.81 | mg/L | 71.3 | 0.81 | mg/L | 1.14% |
| s 188.979 | 16.6 | 0.0407 | 0.01613 | mg/L | 0.0407 | 0.01613 | mg/L | 39.67% |
| 208.959 | 175.9 | 0.1122 | 0.00339 | mg/L | 0.1122 | 0.00339 | mg/L | 3.02% |
| a 233.527 | 1410.0 | 0.2629 | 0.00202 | mg/L | 0.2629 | 0.00202 | mg/L | 0.77% |
| e 313.107 | 513.3 | 0.0043 | 0.00005 | mg/L | 0.0043 | 0.00005 | mg/L | 1.12% |
| d 214.438 | -9.7 | 0.0016 | 0.00003 | mg/L | 0.0016 | 0.00003 | mg/L | 1.59% |
| o 228.616 | 183.9 | 0.0880 | 0.00260 | mg/L | 0.0880 | 0.00260 | mg/L | 2.95% |
| r 267.716 | 6528.4 | 0.5845 | 0.00227 | mg/L | 0.5845 | 0.00227 | mg/L | 0.39% |
| u 324 754 | 3467.0 | 0.1848 | 0.00031 | mg/L | 0.1848 | 0.00031 | mg/L | 0.17% |
| e 2 204 | 753824.6 | 156.7 | 1.58 | mg/L | 156.7 | 1.58 | mg/L | 1.01% |
| n 257.610 | 244577.3 | 6.935 | 0.0729 | mg/L | 6.935 | 0.0729 | mg/L | 1.05% |
| o 202.030 | 52.3 | 0.0330 | 0.00225 | mg/L | 0.0330 | 0.00225 | mg/L | 6.80% |
| i 231.604 | 1648.8 | 0.3267 | 0.00173 | mg/L | 0.3267 | 0.00173 | mg/L | 0.53% |
| b 220.353 6.3 | 80.3 | 0.1328 | 0.00489 | mg/L | 0.1328 | 0.00489 | mg/L | 3.68% |
| b 206.833 | 20.0 | 0.0828 | 0.02401 | mg/L | 0.0828 | 0.02401 | mg/L | 29.00% |
| e 196.026 | -12.8 | 0.0209 | 0.02977 | mg/L | 0.0209 | 0.02977 | mg/L | 142.72% |
| r 407.771 | 432445.8 | 0.5956 | 0.00644 | mg/L | 0.5956 | 0.00644 | mg/L | 1.08% |
| i 334.941 | 166920.4 | 3.210 | 0.0371 | mg/L | 3.210 | 0.0371 | mg/L | 1.16% |
| l 190.800 | -8.4 | -0.107 | 0.0052 | mg/L | -0.107 | 0.0052 | mg/L | 4.87% |
| 292.402 | 3487.7 | 0.2560 | 0.00083 | mg/L | 0.2560 | 0.00083 | mg/L | 0.32% |
| n 213.856 | 5819.0 | 0.4405 | 0.00195 | mg/L | 0.4405 | 0.00195 | mg/L | 0.44% |
| g 279.079 | 670806.7 | 651 | 6.9 | mg/L | 651 | 6.9 | mg/L | 1.05% |
| a 317.933 | 12954177.9 | 1270 | 9.2 | mg/L | 1270 | 9.2 | mg/L | 0.73% |
| n 189.933 | -10.4 | -0.0473 | 0.00748 | mg/L | -0.0473 | 0.00748 | mg/L | 15.80% |
| i 251.611 | 50704.2 | 20.5 | 0.21 | mg/L | 20.5 | 0.21 | mg/L | 1.03% |
| g 328.068 | -422.4 | -0.0159 | 0.00021 | mg/L | -0.0159 | 0.00021 | mg/L | 1.33% |

lean Data ----------

D: 571409 2.05 Seq. No.: 31 Sample No.: 24 A/S Pos: 29
amp Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 11:37:28 AM

| lement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 77934.6 | 58.1 | 0.26 | mg/L | 58.1 | 0.26 | mg/L | 0.45% |
| s 188.979 | 71.9 | 0.382 | 0.0084 | mg/L | 0.382 | 0.0084 | mg/L | 2.19% |
| 208.959 | 531.8 | 0.4607 | 0.00082 | mg/L | 0.4607 | 0.00082 | mg/L | 0.18% |
| a 233.527 140 | 16674.2 | 2.843 | 0.0276 | mg/L | 2.843 | 0.0276 | mg/L | 0.97% |
| e 313.107 | 4638.7 | 0.0160 | 0.00027 | mg/L | 0.0160 | 0.00027 | mg/L | 1.67% |
| d 214.438 2.6 | 539.6 | 0.0530 | 0.00115 | mg/L | 0.0530 | 0.00115 | mg/L | 2.16% |
| o 228.616 | 192.4 | 0.0921 | 0.00012 | mg/L | 0.0921 | 0.00012 | mg/L | 0.13% |
| r 267.716 45 | 10095.1 | 0.9140 | 0.00343 | mg/L | 0.9140 | 0.00343 | mg/L | 0.38% |
| u 324.754 | 47858.5 | 3.083 | 0.0313 | mg/L | 3.083 | 0.0313 | mg/L | 1.02% |
| e 238.204 | 1460086.6 | 303.5 | 0.98 | mg/L | 303.5 | 0.98 | mg/L | 0.32% |
| n 257.610 | 131559.0 | 3.723 | 0.0381 | mg/L | 3.723 | 0.0381 | mg/L | 1.02% |
| o 202.030 | 93.2 | 0.0596 | 0.00254 | mg/L | 0.0596 | 0.00254 | mg/L | 4.25% |
| i 231.604 | 2501.0 | 0.4993 | 0.00508 | mg/L | 0.4993 | 0.00508 | mg/L | 1.02% |
| b 220.353 740 | 12406.2 | 15.13 | 0.193 | mg/L | 15.13 | 0.193 | mg/L | 1.28% |
| b 206.833 | 21.8 | 0.158 | 0.0000 | mg/L | 0.158 | 0.0000 | mg/L | 0.00% |
| e 196.026 | 11.7 | 0.119 | 0.0242 | mg/L | 0.119 | 0.0242 | mg/L | 20.27% |
| r 407.771 | 1045871.4 | 1.479 | 0.0057 | mg/L | 1.479 | 0.0057 | mg/L | 0.39% |
| i 334.941 | 161989.9 | 3.115 | 0.0143 | mg/L | 3.115 | 0.0143 | mg/L | 0.46% |
| l 190.800 | -16.7 | -0.201 | 0.0182 | mg/L | -0.201 | 0.0182 | mg/L | 9.04% |
| 292.402 | 6915.6 | 0.5077 | 0.00497 | mg/L | 0.5077 | 0.00497 | mg/L | 0.98% |
| n 213.856 | 92113.8 | 8.577 | 0.0849 | mg/L | 8.577 | 0.0849 | mg/L | 0.99% |
| g 279.079 | 877652.5 | 852 | 3.6 | mg/L | 852 | 3.6 | mg/L | 0.42% |
| a 317.933 | 14806722.6 | 1450 | 19.6 | mg/L | 1450 | 19.6 | mg/L | 1.35% |
| n 189.933 | 516.9 | 0.817 | 0.0141 | mg/L | 0.817 | 0.0141 | mg/L | 1.72% |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Si 251.611 | 84757.3 | 34.3 | 0.47 | mg/L | 34.3 | 0.47 | mg/L | 1.38% |
| Ag 328.068 | 7.1 | 0.0100 | 0.00007 | mg/L | 0.0100 | 0.00007 | mg/L | 0.72% |

Mean Data ----------

ID: 571430 2.12 Seq. No.: 32 Sample No.: 25 A/S Pos: 30
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 11:42:45 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 81117.4 | 61.1 | 0.11 | mg/L | 61.1 | 0.11 | mg/L | 0.17% |
| As 188.979 | 4.0 | 0.0019 | 0.01576 | mg/L | 0.0019 | 0.01576 | mg/L | 816.70% |
| B 208.959 4.3 | 144.8 | 0.0917 | 0.00617 | mg/L | 0.0917 | 0.00617 | mg/L | 6.72% |
| Ba 233.527 | 2612.7 | 0.4604 | 0.00232 | mg/L | 0.4604 | 0.00232 | mg/L | 0.50% |
| Be 313.107 | 367.0 | 0.0039 | 0.00004 | mg/L | 0.0039 | 0.00004 | mg/L | 0.97% |
| Cd 214.438 < | -5.0 | 0.0040 | 0.00007 | mg/L | 0.0040 | 0.00007 | mg/L | 1.83% |
| Co 228.616 | 73.1 | 0.0345 | 0.00323 | mg/L | 0.0345 | 0.00323 | mg/L | 9.38% |
| Cr 267.716 | 1248.3 | 0.1176 | 0.00093 | mg/L | 0.1176 | 0.00093 | mg/L | 0.79% |
| Cu 324.754 < | 2585.7 | 0.1316 | 0.00166 | mg/L | 0.1316 | 0.00166 | mg/L | 1.26% |
| Fe 238.204 5,100 | 522187.0 | 108.5 | 0.18 | mg/L | 108.5 | 0.18 | mg/L | 0.16% |
| Mn 257.610 | 42068.0 | 1.190 | 0.0059 | mg/L | 1.190 | 0.0059 | mg/L | 0.50% |
| Mo 202.030 | 9.2 | 0.0051 | 0.00097 | mg/L | 0.0051 | 0.00097 | mg/L | 19.13% |
| Ni 231.604 4.0 | 458.2 | 0.0854 | 0.00259 | mg/L | 0.0854 | 0.00259 | mg/L | 3.03% |
| Pb 220.353 9.1 | 129.7 | 0.1930 | 0.00514 | mg/L | 0.1930 | 0.00514 | mg/L | 2.66% |
| Sb 206.833 | 10.4 | 0.0112 | 0.00326 | mg/L | 0.0112 | 0.00326 | mg/L | 28.99% |
| Se 196.026 | -7.2 | 0.0433 | 0.03865 | mg/L | 0.0433 | 0.03865 | mg/L | 89.25% |
| Sr 407.771 | 191831.6 | 0.2675 | 0.00029 | mg/L | 0.2675 | 0.00029 | mg/L | 0.11% |
| Ti 334.941 | 73429.7 | 1.411 | 0.0087 | mg/L | 1.411 | 0.0087 | mg/L | 0.61% |
| Tl 190.800 | -14.5 | -0.0750 | 0.01799 | mg/L | -0.0750 | 0.01799 | mg/L | 23.98% |
| V 292.402 | 1670.3 | 0.1174 | 0.00179 | mg/L | 0.1174 | 0.00179 | mg/L | 1.52% |
| Zn 213.856 — | 5493.5 | 0.4599 | 0.00235 | mg/L | 0.4599 | 0.00235 | mg/L | 0.51% |
| Mg 279.079 12,000 | 269523.6 | 262 | 0.5 | mg/L | 262 | 0.5 | mg/L | 0.21% |
| Ca 317.933 24,000 | 5247239.3 | 514 | 0.8 | mg/L | 514 | 0.8 | mg/L | 0.17% |
| Sn 189.933 | 26.6 | 0.0134 | 0.00741 | mg/L | 0.0134 | 0.00741 | mg/L | 55.46% |
| Si 251.611 | 44627.4 | 18.0 | 0.19 | mg/L | 18.0 | 0.19 | mg/L | 1.07% |
| Ag 328.068 | -263.6 | -0.0063 | 0.00006 | mg/L | -0.0063 | 0.00006 | mg/L | 0.88% |

Mean Data ----------

ID: 571431 2.11 Seq. No.: 33 Sample No.: 26 A/S Pos: 31
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 11:47:56 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 79694.7 | 60.1 | 0.72 | mg/L | 60.1 | 0.72 | mg/L | 1.20% |
| As 188.979 | 3.2 | 0.0258 | 0.03215 | mg/L | 0.0258 | 0.03215 | mg/L | 124.69% |
| B 208.959 17 | 385.5 | 0.3642 | 0.00488 | mg/L | 0.3642 | 0.00488 | mg/L | 1.34% |
| Ba 233.527 | 14468.3 | 2.451 | 0.0079 | mg/L | 2.451 | 0.0079 | mg/L | 0.32% |
| Be 313.107 | 296.5 | 0.0037 | 0.00012 | mg/L | 0.0037 | 0.00012 | mg/L | 3.23% |
| Cd 214.438 < | -11.9 | 0.0077 | 0.00010 | mg/L | 0.0077 | 0.00010 | mg/L | 1.31% |
| Co 228.616 | 45.2 | 0.0210 | 0.00200 | mg/L | 0.0210 | 0.00200 | mg/L | 9.52% |
| Cr 267.716 | 881.7 | 0.0761 | 0.00277 | mg/L | 0.0761 | 0.00277 | mg/L | 3.64% |
| Cu 324.754 < | 2094.4 | 0.1024 | 0.00321 | mg/L | 0.1024 | 0.00321 | mg/L | 3.14% |
| Fe 238.204 3,700 | 373709.4 | 77.67 | 0.827 | mg/L | 77.67 | 0.827 | mg/L | 1.06% |
| Mn 257.610 | 44628.5 | 1.267 | 0.0058 | mg/L | 1.267 | 0.0058 | mg/L | 0.46% |
| Mo 202.030 | 7.3 | 0.0038 | 0.00002 | mg/L | 0.0038 | 0.00002 | mg/L | 0.64% |
| Ni 231.604 2.8 | 324.0 | 0.0582 | 0.00095 | mg/L | 0.0582 | 0.00095 | mg/L | 1.64% |
| Pb 220.353 5.6 | 68.1 | 0.1179 | 0.01125 | mg/L | 0.1179 | 0.01125 | mg/L | 9.54% |
| Sb 206.833 | 12.2 | 0.0068 | 0.01180 | mg/L | 0.0068 | 0.01180 | mg/L | 174.65% |
| Se 196.026 | -10.4 | 0.0303 | 0.00378 | mg/L | 0.0303 | 0.00378 | mg/L | 12.45% |
| Sr 407.771 | 830545.4 | 1.203 | 0.0133 | mg/L | 1.203 | 0.0133 | mg/L | 1.11% |
| Ti 334.941 | 94622.9 | 1.819 | 0.0111 | mg/L | 1.819 | 0.0111 | mg/L | 0.61% |
| Tl 190.800 | -14.2 | -0.0463 | 0.01093 | mg/L | -0.0463 | 0.01093 | mg/L | 23.60% |
| V 292.402 | 945.2 | 0.0641 | 0.00235 | mg/L | 0.0641 | 0.00235 | mg/L | 3.67% |
| Zn 213.856 — | 17207.0 | 1.589 | 0.0086 | mg/L | 1.589 | 0.0086 | mg/L | 0.54% |
| Mg 279.079 4,400 | 95848.1 | 93.1 | 0.56 | mg/L | 93.1 | 0.56 | mg/L | 0.60% |
| Ca 317.933 13,000 | 2882686.2 | 282 | 3.1 | mg/L | 282 | 3.1 | mg/L | 1.11% |
| Sn 189.933 | 31.2 | 0.0209 | 0.00478 | mg/L | 0.0209 | 0.00478 | mg/L | 22.84% |
| Si 251.611 | 88495.3 | 35.9 | 0.32 | mg/L | 35.9 | 0.32 | mg/L | 0.88% |
| Ag 328.068 | -224.0 | -0.0040 | 0.00035 | mg/L | -0.0040 | 0.00035 | mg/L | 8.74% |

Mean Data ----------

ID: 571432 2.02 Seq. No.: 34 Sample No.: 27 A/S Pos: 32
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 11:53:02 AM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 118997.8 | 89.8 | 0.35 | mg/L | 89.8 | 0.35 | mg/L | 0.39% |
| As 188.979 | -0.9 | -0.0005 | 0.00762 | mg/L | -0.0005 | 0.00762 | mg/L | >999.9% |
| B 208.959 5.9 | 168.2 | 0.1185 | 0.00071 | mg/L | 0.1185 | 0.00071 | mg/L | 0.60% |
| Ba 233.527 | 3324.3 | 0.5797 | 0.00251 | mg/L | 0.5797 | 0.00251 | mg/L | 0.43% |
| Be 313.107 | 663.9 | 0.0048 | 0.00012 | mg/L | 0.0048 | 0.00012 | mg/L | 2.44% |
| Cd 214.438 < | 2.6 | 0.0050 | 0.00019 | mg/L | 0.0050 | 0.00019 | mg/L | 3.75% |
| Co 228.616 | 63.0 | 0.0296 | 0.00240 | mg/L | 0.0296 | 0.00240 | mg/L | 8.12% |
| Cr 267.716 | 1390.2 | 0.1301 | 0.00175 | mg/L | 0.1301 | 0.00175 | mg/L | 1.35% |
| Cu 324.754 < | 2323.2 | 0.1148 | 0.00056 | mg/L | 0.1148 | 0.00056 | mg/L | 0.49% |
| Fe 238.204 5,200 | 501615.3 | 104.3 | 0.36 | mg/L | 104.3 | 0.36 | mg/L | 0.34% |
| Mn 257.610 | 51566.2 | 1.464 | 0.0110 | mg/L | 1.464 | 0.0110 | mg/L | 0.75% |
| Mo 202.030 | 6.0 | 0.0029 | 0.00598 | mg/L | 0.0029 | 0.00598 | mg/L | 203.07% |
| Ni 231.604 3.8 | 415.6 | 0.0768 | 0.00042 | mg/L | 0.0768 | 0.00042 | mg/L | 0.54% |
| Pb 220.353 11 | 129.3 | 0.2138 | 0.00901 | mg/L | 0.2138 | 0.00901 | mg/L | 4.21% |
| Sb 206.833 | 9.0 | 0.0020 | 0.01207 | mg/L | 0.0020 | 0.01207 | mg/L | 616.91% |
| Se 196.026 | -13.5 | 0.0179 | 0.05028 | mg/L | 0.0179 | 0.05028 | mg/L | 281.18% |
| Sr 407.771 | 143150.7 | 0.2022 | 0.00043 | mg/L | 0.2022 | 0.00043 | mg/L | 0.21% |
| Ti [illegible].941 | 53737.2 | 1.032 | 0.0104 | mg/L | 1.032 | 0.0104 | mg/L | 1.01% |
| Tl 190.800 | -12.4 | -0.0294 | 0.04463 | mg/L | -0.0294 | 0.04463 | mg/L | 151.84% |
| V 292.402 | 1468.6 | 0.1018 | 0.00057 | mg/L | 0.1018 | 0.00057 | mg/L | 0.56% |
| Zn 213.856 | 5818.4 | 0.5099 | 0.00298 | mg/L | 0.5099 | 0.00298 | mg/L | 0.58% |
| Mg 279.079 3,900 | 81700.4 | 79.3 | 0.64 | mg/L | 79.3 | 0.64 | mg/L | 0.80% |
| Ca 317.933 14,000 | 2783694.7 | 273 | 0.9 | mg/L | 273 | 0.9 | mg/L | 0.32% |
| Sn 189.933 | 34.5 | 0.0263 | 0.01040 | mg/L | 0.0263 | 0.01040 | mg/L | 39.46% |
| Si 251.611 | 46294.0 | 18.7 | 0.24 | mg/L | 18.7 | 0.24 | mg/L | 1.29% |
| Ag 328.068 | -233.5 | -0.0045 | 0.00173 | mg/L | -0.0045 | 0.00173 | mg/L | 38.28% |

Mean Data

ID: 571433 2.06 Seq. No.: 35 Sample No.: 28 A/S Pos: 33
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 11:58:08 AM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 42548.7 | 32.1 | 0.20 | mg/L | 32.1 | 0.20 | mg/L | 0.61% |
| As 188.979 | 1.4 | 0.0146 | 0.01136 | mg/L | 0.0146 | 0.01136 | mg/L | 77.85% |
| B 208.959 < | 91.1 | 0.0371 | 0.00383 | mg/L | 0.0371 | 0.00383 | mg/L | 10.34% |
| Ba [illegible].527 | 2168.4 | 0.3843 | 0.00211 | mg/L | 0.3843 | 0.00211 | mg/L | 0.55% |
| Be [illegible].107 | -416.0 | 0.0017 | 0.00001 | mg/L | 0.0017 | 0.00001 | mg/L | 0.58% |
| Cd 214.438 < | -16.8 | 0.0072 | 0.00010 | mg/L | 0.0072 | 0.00010 | mg/L | 1.38% |
| Co 228.616 | 37.8 | 0.0175 | 0.00253 | mg/L | 0.0175 | 0.00253 | mg/L | 14.52% |
| Cr 267.716 | 469.9 | 0.0459 | 0.00009 | mg/L | 0.0459 | 0.00009 | mg/L | 0.20% |
| Cu 324.754 < | 1512.6 | 0.0627 | 0.00168 | mg/L | 0.0627 | 0.00168 | mg/L | 2.68% |
| Fe 238.204 4,500 | 449762.1 | 93.49 | 1.074 | mg/L | 93.49 | 1.074 | mg/L | 1.15% |
| Mn 257.610 | 50736.5 | 1.440 | 0.0070 | mg/L | 1.440 | 0.0070 | mg/L | 0.49% |
| Mo 202.030 | 4.0 | 0.0017 | 0.00038 | mg/L | 0.0017 | 0.00038 | mg/L | 22.22% |
| Ni 231.604 < | 238.4 | 0.0408 | 0.00100 | mg/L | 0.0408 | 0.00100 | mg/L | 2.44% |
| Pb 220.353 4.2 | 41.5 | 0.0855 | 0.00613 | mg/L | 0.0855 | 0.00613 | mg/L | 7.17% |
| Sb 206.833 | 9.1 | -0.0024 | 0.00688 | mg/L | -0.0024 | 0.00688 | mg/L | 285.77% |
| Se 196.026 | -7.6 | 0.0419 | 0.02639 | mg/L | 0.0419 | 0.02639 | mg/L | 63.02% |
| Sr 407.771 | 79764.6 | 0.1118 | 0.00037 | mg/L | 0.1118 | 0.00037 | mg/L | 0.33% |
| Ti 334.941 | 34852.7 | 0.6687 | 0.00149 | mg/L | 0.6687 | 0.00149 | mg/L | 0.22% |
| Tl 190.800 | -12.2 | -0.0185 | 0.02972 | mg/L | -0.0185 | 0.02972 | mg/L | 160.83% |
| V 292.402 | 895.6 | 0.0573 | 0.00122 | mg/L | 0.0573 | 0.00122 | mg/L | 2.13% |
| Zn 213.856 14 | 3442.2 | 0.2898 | 0.00180 | mg/L | 0.2898 | 0.00180 | mg/L | 0.62% |
| Mg 279.079 1,400 | 29052.7 | 28.2 | 0.14 | mg/L | 28.2 | 0.14 | mg/L | 0.48% |
| Ca 317.933 9,200 | 1939084.7 | 190 | 2.0 | mg/L | 190 | 2.0 | mg/L | 1.05% |
| Sn 189.933 | 31.2 | 0.0209 | 0.00128 | mg/L | 0.0209 | 0.00128 | mg/L | 6.14% |
| Si 251.611 | 55205.3 | 22.3 | 0.17 | mg/L | 22.3 | 0.17 | mg/L | 0.74% |
| Ag 328.068 | -215.7 | -0.0034 | 0.00098 | mg/L | -0.0034 | 0.00098 | mg/L | 28.56% |

Mean Data

ID: r blk Seq. No.: 36 Sample No.: 1 A/S Pos: 4
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 12:03:22 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | -53.5 | 0.0026 | 0.00271 | mg/L | | | | 104.97% |
| As 188.979 | 0.0 | 0.0057 | 0.01882 | mg/L | | | | 330.52% |
| B 208.959 | 23.1 | -0.0110 | 0.00348 | mg/L | | | | 31.75% |
| Ba 233.527 | -66.2 | -0.0004 | 0.00064 | mg/L | | | | 162.00% |
| Be 313.107 | -1047.5 | -0.0001 | 0.00003 | mg/L | | | | 46.91% |
| Cd 214.438 | -81.7 | 0.0004 | 0.00008 | mg/L | | | | 17.07% |
| Co 228.616 | -0.7 | -0.0011 | 0.00272 | mg/L | | | | 238.50% |
| Cr 267.716 | 39.4 | -0.0002 | 0.00051 | mg/L | | | | 322.82% |
| Cu 324.754 | 429.8 | 0.0007 | 0.00113 | mg/L | | | | 172.22% |
| Fe 238.204 | 126.2 | 0.0018 | 0.00061 | mg/L | | | | 34.26% |
| Mn 257.610 | 2.5 | -0.0002 | 0.00000 | mg/L | | | | 2.14% |
| Mo 202.030 | 2.1 | 0.0005 | 0.00077 | mg/L | | | | 166.56% |
| Ni 231.604 | 37.0 | 0.0000 | 0.00096 | mg/L | | | | >999.9% |
| Pb 220.353 | -31.4 | -0.0032 | 0.00322 | mg/L | | | | 101.48% |
| Sb 206.833 | 14.8 | -0.0141 | 0.00619 | mg/L | | | | 44.04% |
| Se 196.026 | -14.7 | 0.0130 | 0.01549 | mg/L | | | | 119.28% |
| Sr 407.771 | -56.7 | 0.0000 | 0.00002 | mg/L | | | | 71.12% |
| Ti 334.941 | 75.1 | -0.0003 | 0.00024 | mg/L | | | | 71.99% |
| Tl 190.800 | -13.2 | -0.0059 | 0.00790 | mg/L | | | | 134.21% |
| V 292.402 | -16.6 | -0.0001 | 0.00025 | mg/L | | | | 202.60% |
| Zn 213.856 | 185.8 | -0.0015 | 0.00003 | mg/L | | | | 2.25% |
| Mg 279.079 | -35.9 | -0.0020 | 0.00668 | mg/L | | | | 338.26% |
| Ca 317.933 | 239.2 | 0.0027 | 0.00069 | mg/L | | | | 25.30% |
| Sn 189.933 | 16.6 | -0.0030 | 0.00746 | mg/L | | | | 245.53% |
| Si 251.611 | 550.6 | 0.114 | 0.0182 | mg/L | | | | 15.94% |
| Ag 328.068 | -157.4 | 0.0001 | 0.00032 | mg/L | | | | 451.92% |

Mean Data

ID: ccv Seq. No.: 37 Sample No.: 2 A/S Pos: 7
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 12:08:40 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 2498.2 | 1.90 | 0.019 | mg/L | | | | 1.01% |
| As 188.979 | 306.9 | 1.99 | 0.003 | mg/L | | | | 0.16% |
| B 208.959 | 899.5 | 0.9159 | 0.00555 | mg/L | | | | 0.61% |
| Ba 233.527 | 11397.1 | 1.927 | 0.0084 | mg/L | | | | 0.44% |
| Be 313.107 | 336583.3 | 0.9545 | 0.01122 | mg/L | | | | 1.18% |
| Cd 214.438 | 9062.6 | 0.9550 | 0.00412 | mg/L | | | | 0.43% |
| Co 228.616 | 1995.9 | 0.962 | 0.0054 | mg/L | | | | 0.56% |
| Cr 267.716 | 21362.1 | 1.931 | 0.0086 | mg/L | | | | 0.44% |
| Cu 324.754 | 15256.3 | 0.9732 | 0.00752 | mg/L | | | | 0.77% |
| Fe 238.204 | 9409.4 | 1.932 | 0.0112 | mg/L | | | | 0.58% |
| Mn 257.610 | 34120.2 | 0.9685 | 0.00448 | mg/L | | | | 0.46% |
| Mo 202.030 | 1496.2 | 0.971 | 0.0038 | mg/L | | | | 0.39% |
| Ni 231.604 | 4742.4 | 0.9535 | 0.00482 | mg/L | | | | 0.51% |
| Pb 220.353 | 1547.7 | 1.919 | 0.0133 | mg/L | | | | 0.69% |
| Sb 206.833 | 387.4 | 1.91 | 0.019 | mg/L | | | | 0.98% |
| Se 196.026 | 465.1 | 1.95 | 0.012 | mg/L | | | | 0.60% |
| Sr 407.771 | 661704.2 | 0.9633 | 0.01063 | mg/L | | | | 1.10% |
| Ti 334.941 | 48865.0 | 0.9383 | 0.00449 | mg/L | | | | 0.48% |
| Tl 190.800 | 205.1 | 1.93 | 0.000 | mg/L | | | | 0.02% |
| V 292.402 | 11913.8 | 0.9773 | 0.00096 | mg/L | | | | 0.10% |
| Zn 213.856 | 20620.5 | 1.932 | 0.0125 | mg/L | | | | 0.65% |
| Mg 279.079 | 1986.7 | 1.96 | 0.005 | mg/L | | | | 0.24% |
| Ca 317.933 | 20709.8 | 2.01 | 0.012 | mg/L | | | | 0.60% |
| Sn 189.933 | 1228.5 | 1.98 | 0.019 | mg/L | | | | 0.95% |
| Si 251.611 | 5485.6 | 2.12 | 0.009 | mg/L | | | | 0.42% |
| Ag 328.068 | 17441.3 | 1.06 | 0.006 | mg/L | | | | 0.54% |

Mean Data

ID: 571434 2.22 Seq. No.: 38 Sample No.: 29 A/S Pos: 34
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 12:13:44 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 171217.3 | 129 | 2.0 | mg/L | 129 | 2.0 | mg/L | 1.51% |
| As 188.979 | 1.4 | 0.0142 | 0.01275 | mg/L | 0.0142 | 0.01275 | mg/L | 89.60% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 208.959 4.3 | 167.1 | 0.0956 | 0.00134 mg/L | 0.0956 | 0.00134 mg/L | 1.40% |
| a 233.527 | 5056.5 | 0.8783 | 0.01145 mg/L | 0.8783 | 0.01145 mg/L | 1.30% |
| e 313.107 | 1419.9 | 0.0069 | 0.00011 mg/L | 0.0069 | 0.00011 mg/L | 1.58% |
| d 214.438 < | 35.2 | 0.0053 | 0.00027 mg/L | 0.0053 | 0.00027 mg/L | 5.10% |
| o 228.616 | 118.0 | 0.0562 | 0.00028 mg/L | 0.0562 | 0.00028 mg/L | 0.50% |
| r 267.716 | 1851.6 | 0.1777 | 0.00302 mg/L | 0.1777 | 0.00302 mg/L | 1.70% |
| u 324.754 < | 3587.8 | 0.1904 | 0.00126 mg/L | 0.1904 | 0.00126 mg/L | 0.66% |
| e 238.204 — | 871023.6 | 181.1 | 2.57 mg/L | 181.1 | 2.57 mg/L | 1.42% |
| n 257.610 | 75363.8 | 2.140 | 0.0294 mg/L | 2.140 | 0.0294 mg/L | 1.37% |
| o 202.030 | 4.1 | 0.0017 | 0.00090 mg/L | 0.0017 | 0.00090 mg/L | 52.54% |
| i 231.604 25 6.2 | 711.0 | 0.1366 | 0.00146 mg/L | 0.1366 | 0.00146 mg/L | 1.07% |
| b 220.353 10 | 128.3 | 0.2218 | 0.00821 mg/L | 0.2218 | 0.00821 mg/L | 3.70% |
| b 206.833 | 8.1 | 0.0312 | 0.00011 mg/L | 0.0312 | 0.00011 mg/L | 0.34% |
| e 196.026 | -2.9 | 0.0607 | 0.03564 mg/L | 0.0607 | 0.03564 mg/L | 58.68% |
| r 407.771 | 129613.2 | 0.1808 | 0.00252 mg/L | 0.1808 | 0.00252 mg/L | 1.39% |
| i 334.941 | 101938.1 | 1.959 | 0.0322 mg/L | 1.959 | 0.0322 mg/L | 1.64% |
| l 190.800 | -16.9 | -0.0154 | 0.01402 mg/L | -0.0154 | 0.01402 mg/L | 91.16% |
| 292.402 | 3111.9 | 0.2213 | 0.00265 mg/L | 0.2213 | 0.00265 mg/L | 1.20% |
| n 213.856 40 35 | 8754.6 | 0.7864 | 0.00597 mg/L | 0.7864 | 0.00597 mg/L | 0.76% |
| g 279.079 2,600 | 58877.4 | 57.2 | 0.41 mg/L | 57.2 | 0.41 mg/L | 0.71% |
| a 317.933 6,800 | 1545388.1 | 151 | 2.1 mg/L | 151 | 2.1 mg/L | 1.41% |
| n 189.933 | 41.6 | 0.0380 | 0.00048 mg/L | 0.0380 | 0.00048 mg/L | 1.25% |
| i 251.611 | 62266.1 | 25.2 | 0.29 mg/L | 25.2 | 0.29 mg/L | 1.15% |
| g 328.068 | -243.6 | -0.0051 | 0.00118 mg/L | -0.0051 | 0.00118 mg/L | 22.89% |

Mean Data

ID: 571547 2.17 Seq. No.: 39 Sample No.: 30 A/S Pos: 35
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 12:18:59 PM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 270768.5 | 204 | 1.5 | mg/L | 204 | 1.5 | mg/L | 0.72% |
| As 188.979 | 20.2 | 0.0654 | 0.01022 | mg/L | 0.0654 | 0.01022 | mg/L | 15.62% |
| B 208.959 | 269.7 | 0.1605 | 0.00271 | mg/L | 0.1605 | 0.00271 | mg/L | 1.69% |
| Ba 233.527 76 | 9505.1 | 1.642 | 0.0113 | mg/L | 1.642 | 0.0113 | mg/L | 0.69% |
| Be 313.107 | 3013.8 | 0.0114 | 0.00018 | mg/L | 0.0114 | 0.00018 | mg/L | 1.59% |
| Cd 214.438 0.84 | 179.0 | 0.0183 | 0.00014 | mg/L | 0.0183 | 0.00014 | mg/L | 0.76% |
| Co 228.616 | 262.7 | 0.126 | 0.0011 | mg/L | 0.126 | 0.0011 | mg/L | 0.87% |
| Cr 267.716 18 | 4095.8 | 0.3828 | 0.00439 | mg/L | 0.3828 | 0.00439 | mg/L | 1.15% |
| Cu 324.754 | 14853.1 | 0.9132 | 0.01275 | mg/L | 0.9132 | 0.01275 | mg/L | 1.40% |
| Fe 238.204 | 1679512.8 | 349.1 | 2.00 | mg/L | 349.1 | 2.00 | mg/L | 0.57% |
| Mn 257.610 | 228538.6 | 6.482 | 0.0454 | mg/L | 6.482 | 0.0454 | mg/L | 0.70% |
| Mo 202.030 | 50.4 | 0.0318 | 0.00053 | mg/L | 0.0318 | 0.00053 | mg/L | 1.66% |
| Ni 231.604 | 1582.8 | 0.3133 | 0.00120 | mg/L | 0.3133 | 0.00120 | mg/L | 0.38% |
| Pb 220.353 120 | 2076.8 | 2.611 | 0.0222 | mg/L | 2.611 | 0.0222 | mg/L | 0.85% |
| Sb 206.833 | 3.9 | 0.0840 | 0.01107 | mg/L | 0.0840 | 0.01107 | mg/L | 13.18% |
| Se 196.026 | 9.7 | 0.112 | 0.0291 | mg/L | 0.112 | 0.0291 | mg/L | 26.09% |
| Sr 407.771 | 597373.4 | 0.8338 | 0.00500 | mg/L | 0.8338 | 0.00500 | mg/L | 0.60% |
| Ti 334.941 | 196339.4 | 3.776 | 0.0301 | mg/L | 3.776 | 0.0301 | mg/L | 0.80% |
| Tl 190.800 | -9.7 | -0.0590 | 0.09355 | mg/L | -0.0590 | 0.09355 | mg/L | 158.47% |
| V 292.402 | 5797.2 | 0.4092 | 0.00201 | mg/L | 0.4092 | 0.00201 | mg/L | 0.49% |
| Zn 213.856 | 35475.2 | 3.244 | 0.0447 | mg/L | 3.244 | 0.0447 | mg/L | 1.38% |
| Mg 279.079 | 492583.5 | 478 | 3.6 | mg/L | 478 | 3.6 | mg/L | 0.75% |
| Ca 317.933 | 10868908.0 | 1060 | 9.2 | mg/L | 1060 | 9.2 | mg/L | 0.86% |
| Sn 189.933 | 90.4 | 0.118 | 0.0169 | mg/L | 0.118 | 0.0169 | mg/L | 14.35% |
| Si 251.611 | 67329.0 | 27.3 | 0.54 | mg/L | 27.3 | 0.54 | mg/L | 1.99% |
| Ag 328.068 | -412.5 | -0.0153 | 0.00142 | mg/L | -0.0153 | 0.00142 | mg/L | 9.24% |

Mean Data

ID: 571549 2.25 Seq. No.: 40 Sample No.: 31 A/S Pos: 36
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 12:24:13 PM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 43590.2 | 32.6 | 0.47 | mg/L | 32.6 | 0.47 | mg/L | 1.45% |
| As 188.979 | 14.1 | 0.0597 | 0.02563 | mg/L | 0.0597 | 0.02563 | mg/L | 42.90% |
| B 208.959 | 109.1 | 0.0425 | 0.00705 | mg/L | 0.0425 | 0.00705 | mg/L | 16.57% |
| Ba 233.527 6.9 | 782.7 | 0.1562 | 0.00203 | mg/L | 0.1562 | 0.00203 | mg/L | 1.30% |
| Be 313.107 | -198.3 | 0.0023 | 0.00020 | mg/L | 0.0023 | 0.00020 | mg/L | 8.56% |
| Cd 214.438 < | -4.3 | 0.0027 | 0.00021 | mg/L | 0.0027 | 0.00021 | mg/L | 7.87% |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| o 228.616 | 128.9 | 0.0614 | 0.00105 | mg/L | 0.0614 | 0.00105 | mg/L | 1.70% |
| r 267.716 5.2 | 1289.4 | 0.1160 | 0.00234 | mg/L | 0.1160 | 0.00234 | mg/L | 2.02% |
| u 324.754 | 2212.3 | 0.1037 | 0.00028 | mg/L | 0.1037 | 0.00028 | mg/L | 0.27% |
| e 238.204 | 693548.9 | 144.2 | 0.04 | mg/L | 144.2 | 0.04 | mg/L | 0.03% |
| n 257.610 | 136563.1 | 3.872 | 0.0445 | mg/L | 3.872 | 0.0445 | mg/L | 1.15% |
| o 202.030 | 7.7 | 0.0041 | 0.00409 | mg/L | 0.0041 | 0.00409 | mg/L | 100.51% |
| i 231.604 | 440.1 | 0.0817 | 0.00048 | mg/L | 0.0817 | 0.00048 | mg/L | 0.58% |
| b 220.353 7.2 | 103.5 | 0.1610 | 0.00883 | mg/L | 0.1610 | 0.00883 | mg/L | 5.48% |
| b 206.833 | 14.1 | 0.0461 | 0.00321 | mg/L | 0.0461 | 0.00321 | mg/L | 6.97% |
| e 196.026 | -9.8 | 0.0329 | 0.02199 | mg/L | 0.0329 | 0.02199 | mg/L | 66.81% |
| r 407.771 | 184420.8 | 0.2517 | 0.00324 | mg/L | 0.2517 | 0.00324 | mg/L | 1.29% |
| i 334.941 | 278425.0 | 5.355 | 0.0719 | mg/L | 5.355 | 0.0719 | mg/L | 1.34% |
| l 190.800 | -10.1 | -0.0484 | 0.01020 | mg/L | -0.0484 | 0.01020 | mg/L | 21.05% |
| 292.402 | 4962.7 | 0.3776 | 0.00227 | mg/L | 0.3776 | 0.00227 | mg/L | 0.60% |
| n 213.856 | 5753.2 | 0.4739 | 0.00200 | mg/L | 0.4739 | 0.00200 | mg/L | 0.42% |
| g 279.079 | 359803.1 | 349 | 4.4 | mg/L | 349 | 4.4 | mg/L | 1.27% |
| a 317.933 | 6330648.2 | 620 | 0.0 | mg/L | 620 | 0.0 | mg/L | 0.01% |
| n 189.933 | 4.5 | -0.0229 | 0.00748 | mg/L | -0.0229 | 0.00748 | mg/L | 32.70% |
| i 251.611 | 46212.9 | 18.7 | 0.24 | mg/L | 18.7 | 0.24 | mg/L | 1.27% |
| g 328.068 | -310.5 | -0.0092 | 0.00031 | mg/L | -0.0092 | 0.00031 | mg/L | 3.42% |

Mean Data ----------

ID: 571546 2.25 Seq. No.: 41 Sample No.: 32 A/S Pos: 37
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 12:29:30 PM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 221191.7 | 167 | 1.5 | mg/L | 167 | 1.5 | mg/L | 0.90% |
| As 188.979 | 20.3 | 0.0688 | 0.01924 | mg/L | 0.0688 | 0.01924 | mg/L | 27.97% |
| B 208.959 | 483.9 | 0.3998 | 0.00032 | mg/L | 0.3998 | 0.00032 | mg/L | 0.08% |
| Ba 233.527 100 | 13377.2 | 2.292 | 0.0099 | mg/L | 2.292 | 0.0099 | mg/L | 0.43% |
| Be 313.107 | 3901.4 | 0.0139 | 0.00007 | mg/L | 0.0139 | 0.00007 | mg/L | 0.48% |
| Cd 214.438 0.65 | 183.0 | 0.0146 | 0.00004 | mg/L | 0.0146 | 0.00004 | mg/L | 0.24% |
| Co 228.616 | 248.8 | 0.119 | 0.0011 | mg/L | 0.119 | 0.0011 | mg/L | 0.94% |
| Cr 267.716 13 | 3209.8 | 0.3025 | 0.00138 | mg/L | 0.3025 | 0.00138 | mg/L | 0.46% |
| Cu 324.754 | 12805.7 | 0.7804 | 0.00404 | mg/L | 0.7804 | 0.00404 | mg/L | 0.52% |
| Fe 238.204 | 1601529.4 | 332.9 | 2.49 | mg/L | 332.9 | 2.49 | mg/L | 0.75% |
| Mn 257.610 | 291784.2 | 8.278 | 0.0632 | mg/L | 8.278 | 0.0632 | mg/L | 0.76% |
| Mo 202.030 | 65.1 | 0.0414 | 0.00439 | mg/L | 0.0414 | 0.00439 | mg/L | 10.61% |
| Ni 231.604 | 1605.7 | 0.3179 | 0.00398 | mg/L | 0.3179 | 0.00398 | mg/L | 1.25% |
| Pb 220.353 130 | 2351.3 | 2.936 | 0.0251 | mg/L | 2.936 | 0.0251 | mg/L | 0.86% |
| Sb 206.833 | 8.1 | 0.0984 | 0.01304 | mg/L | 0.0984 | 0.01304 | mg/L | 13.25% |
| Se 196.026 | 5.1 | 0.0930 | 0.01124 | mg/L | 0.0930 | 0.01124 | mg/L | 12.08% |
| Sr 407.771 | 1196184.6 | 1.705 | 0.0137 | mg/L | 1.705 | 0.0137 | mg/L | 0.80% |
| Ti 334.941 | 260849.1 | 5.017 | 0.0474 | mg/L | 5.017 | 0.0474 | mg/L | 0.94% |
| Tl 190.800 | -9.6 | -0.0717 | 0.00671 | mg/L | -0.0717 | 0.00671 | mg/L | 9.36% |
| V 292.402 | 5510.9 | 0.3889 | 0.00025 | mg/L | 0.3889 | 0.00025 | mg/L | 0.07% |
| Zn 213.856 | 41796.9 | 3.842 | 0.0299 | mg/L | 3.842 | 0.0299 | mg/L | 0.78% |
| Mg 279.079 | 443638.5 | 431 | 3.8 | mg/L | 431 | 3.8 | mg/L | 0.88% |
| Ca 317.933 | 11423945.5 | 1120 | 10.4 | mg/L | 1120 | 10.4 | mg/L | 0.93% |
| Sn 189.933 | 59.7 | 0.0676 | 0.01357 | mg/L | 0.0676 | 0.01357 | mg/L | 20.07% |
| Si 251.611 | 75772.8 | 30.7 | 0.41 | mg/L | 30.7 | 0.41 | mg/L | 1.34% |
| Ag 328.068 | -397.5 | -0.0144 | 0.00187 | mg/L | -0.0144 | 0.00187 | mg/L | 12.97% |

Mean Data ----------

ID: 571546 ms 2.18 Seq. No.: 42 Sample No.: 33 A/S Pos: 38
Sample Qty: 1.0000 mL (22.9) Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 12:34:54 PM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 226398.1 | 171 | 2.2 | mg/L | 171 | 2.2 | mg/L | 1.27% |
| As 188.979 | 98.1 | 0.575 | 0.0103 | mg/L | 0.575 | 0.0103 | mg/L | 1.80% |
| B 208.959 | 923.5 | 0.8731 | 0.00816 | mg/L | 0.8731 | 0.00816 | mg/L | 0.93% |
| Ba 233.527 130 | 16622.1 131% | 2.834 | 0.0180 | mg/L | 2.834 | 0.0180 | mg/L | 0.64% |
| Be 313.107 | 173928.0 | 0.4946 | 0.00583 | mg/L | 0.4946 | 0.00583 | mg/L | 1.18% |
| Cd 214.438 20.6 | 4318.0 87% | 0.4495 | 0.00573 | mg/L | 0.4495 | 0.00573 | mg/L | 1.27% |
| Co 228.616 | 1182.5 | 0.565 | 0.0035 | mg/L | 0.565 | 0.0035 | mg/L | 0.62% |
| Cr 267.716 34% | 8266.8 95% | 0.7588 | 0.00373 | mg/L | 0.7588 | 0.00373 | mg/L | 0.49% |
| Cu 324.754 | 18754.1 | 1.174 | 0.0089 | mg/L | 1.174 | 0.0089 | mg/L | 0.76% |
| Fe 238.204 | 1451289.3 | 301.7 | 3.27 | mg/L | 301.7 | 3.27 | mg/L | 1.08% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| n 257.610 | 396054.0 | 11.24 | 0.130 mg/L | 11.24 | 0.130 mg/L | 1.16% |
| o 202.030 | 775.9 | 0.503 | 0.0048 mg/L | 0.503 | 0.0048 mg/L | 0.96% |
| i 231.604 | 3756.4 | 0.7537 | 0.00356 mg/L | 0.7537 | 0.00356 mg/L | 0.47% |
| b 220.353 132 | 2303.0 0% | 2.878 | 0.0195 mg/L | 2.878 | 0.0195 mg/L | 0.68% |
| b 206.833 | 43.4 | 0.270 | 0.0034 mg/L | 0.270 | 0.0034 mg/L | 1.26% |
| e 196.026 | 113.0 | 0.528 | 0.0268 mg/L | 0.528 | 0.0268 mg/L | 5.08% |
| r 407.771 | 1462646.3 | 2.095 | 0.0250 mg/L | 2.095 | 0.0250 mg/L | 1.19% |
| i 334.941 | 307030.7 | 5.905 | 0.0811 mg/L | 5.905 | 0.0811 mg/L | 1.37% |
| l 190.800 | 39.2 | 0.368 | 0.0683 mg/L | 0.368 | 0.0683 mg/L | 18.54% |
| 292.402 | 11686.4 | 0.8940 | 0.00208 mg/L | 0.8940 | 0.00208 mg/L | 0.23% |
| n 213.856 | 36083.4 | 3.308 | 0.0156 mg/L | 3.308 | 0.0156 mg/L | 0.47% |
| g 279.079 | 403684.7 | 392 | 4.9 mg/L | 392 | 4.9 mg/L | 1.25% |
| a 317.933 | 10801185.3 | 1060 | 6.5 mg/L | 1060 | 6.5 mg/L | 0.61% |
| n 189.933 | 564.6 | 0.895 | 0.0162 mg/L | 0.895 | 0.0162 mg/L | 1.81% |
| i 251.611 | 104544.0 | 42.4 | 0.43 mg/L | 42.4 | 0.43 mg/L | 1.01% |
| g 328.068 | 8721.9 | 0.536 | 0.0011 mg/L | 0.536 | 0.0011 mg/L | 0.21% |

Mean Data

ID: 571546 msd 2.18 Seq. No.: 43 Sample No.: 34 A/S Pos: 39
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 12:41:04 PM

(22.9)

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 225092.8 | 169 | 0.7 | mg/L | 169 | 0.7 | mg/L | 0.39% |
| As 188.979 | 96.5 | 0.560 | 0.0362 | mg/L | 0.560 | 0.0362 | mg/L | 6.46% |
| B 208.959 | 905.4 | 0.8470 | 0.00193 | mg/L | 0.8470 | 0.00193 | mg/L | 0.23% |
| Ba 233.527 118 | 15055.1 | 2.573 | 0.0016 | mg/L | 2.573 | 0.0016 | mg/L | 0.06% |
| Be 313.107 | 174810.8 | 0.4971 | 0.00181 | mg/L | 0.4971 | 0.00181 | mg/L | 0.36% |
| Cd 214.438 20.9 | 4393.7 | 0.4566 | 0.00416 | mg/L | 0.4566 | 0.00416 | mg/L | 0.91% |
| Co 228.616 | 1170.9 | 0.554 | 0.0016 | mg/L | 0.554 | 0.0016 | mg/L | 0.28% |
| Cr 267.716 35.0 | 8304.1 | 0.7632 | 0.00056 | mg/L | 0.7632 | 0.00056 | mg/L | 0.07% |
| Cu 324.754 | 20925.4 | 1.314 | 0.0021 | mg/L | 1.314 | 0.0021 | mg/L | 0.16% |
| Fe 238.204 | 1549721.0 | 322.2 | 0.81 | mg/L | 322.2 | 0.81 | mg/L | 0.25% |
| Mn 257.610 | 344386.6 | 9.772 | 0.0256 | mg/L | 9.772 | 0.0256 | mg/L | 0.26% |
| Mo 202.030 | 795.6 | 0.516 | 0.0012 | mg/L | 0.516 | 0.0012 | mg/L | 0.24% |
| Ni 231.604 | 3799.6 | 0.7625 | 0.00005 | mg/L | 0.7625 | 0.00005 | mg/L | 0.01% |
| Pb 220.353 178 | 3126.9 | 3.881 | 0.0114 | mg/L | 3.881 | 0.0114 | mg/L | 0.29% |
| Sb 206.833 | 39.5 | 0.259 | 0.0098 | mg/L | 0.259 | 0.0098 | mg/L | 3.78% |
| Se 196.026 | 116.9 | 0.543 | 0.0052 | mg/L | 0.543 | 0.0052 | mg/L | 0.96% |
| Sr 407.771 | 1588922.8 | 2.276 | 0.0063 | mg/L | 2.276 | 0.0063 | mg/L | 0.28% |
| Ti 334.941 | 316724.2 | 6.092 | 0.0185 | mg/L | 6.092 | 0.0185 | mg/L | 0.30% |
| Tl 190.800 | 36.2 | 0.331 | 0.0073 | mg/L | 0.331 | 0.0073 | mg/L | 2.21% |
| V 292.402 | 11780.2 | 0.8981 | 0.00457 | mg/L | 0.8981 | 0.00457 | mg/L | 0.51% |
| Zn 213.856 | 61457.9 | 5.702 | 0.0006 | mg/L | 5.702 | 0.0006 | mg/L | 0.01% |
| Mg 279.079 | 430635.6 | 418 | 1.5 | mg/L | 418 | 1.5 | mg/L | 0.36% |
| Ca 317.933 | 11757257.0 | 1150 | 19.5 | mg/L | 1150 | 19.5 | mg/L | 1.69% |
| Sn 189.933 | 573.6 | 0.910 | 0.0012 | mg/L | 0.910 | 0.0012 | mg/L | 0.13% |
| Si 251.611 | 114016.3 | 46.2 | 0.07 | mg/L | 46.2 | 0.07 | mg/L | 0.16% |
| Ag 328.068 | 8866.4 | 0.545 | 0.0003 | mg/L | 0.545 | 0.0003 | mg/L | 0.05% |

Mean Data

ID: 571359 2.00 Seq. No.: 44 Sample No.: 35 A/S Pos: 40
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 12:46:37 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 236029.9 | 178 | 1.0 | mg/L | 178 | 1.0 | mg/L | 0.54% |
| As 188.979 | 23.4 | 0.0954 | 0.01221 | mg/L | 0.0954 | 0.01221 | mg/L | 12.80% |
| B 208.959 | 349.6 | 0.2482 | 0.00469 | mg/L | 0.2482 | 0.00469 | mg/L | 1.89% |
| Ba 233.527 | 2472.0 | 0.4600 | 0.00242 | mg/L | 0.4600 | 0.00242 | mg/L | 0.53% |
| Be 313.107 | 2686.9 | 0.0105 | 0.00011 | mg/L | 0.0105 | 0.00011 | mg/L | 1.00% |
| Cd 214.438 | 52.8 | 0.0045 | 0.00010 | mg/L | 0.0045 | 0.00010 | mg/L | 2.18% |
| Co 228.616 | 458.0 | 0.220 | 0.0001 | mg/L | 0.220 | 0.0001 | mg/L | 0.05% |
| Cr 267.716 | 3423.5 | 0.3221 | 0.00050 | mg/L | 0.3221 | 0.00050 | mg/L | 0.16% |
| Cu 324.754 | 7380.2 | 0.4230 | 0.00038 | mg/L | 0.4230 | 0.00038 | mg/L | 0.09% |
| Fe 238.204 | 1678167.7 | 348.9 | 1.36 | mg/L | 348.9 | 1.36 | mg/L | 0.39% |
| Mn 257.610 | 237188.4 | 6.728 | 0.0228 | mg/L | 6.728 | 0.0228 | mg/L | 0.34% |
| Mo 202.030 | 188.9 | 0.122 | 0.0007 | mg/L | 0.122 | 0.0007 | mg/L | 0.56% |
| Ni 231.604 | 2591.7 | 0.5177 | 0.00079 | mg/L | 0.5177 | 0.00079 | mg/L | 0.15% |
| Pb 220.353 13 | 148.7 | 0.2582 | 0.00730 | mg/L | 0.2582 | 0.00730 | mg/L | 2.83% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| b 206.833 | 2.5 | 0.0765 | 0.04149 mg/L | 0.0765 | 0.04149 mg/L | 54.21% |
| e 196.026 | 7.5 | 0.103 | 0.0638 mg/L | 0.103 | 0.0638 mg/L | 62.20% |
| r 407.771 | 539181.1 | 0.7546 | 0.00380 mg/L | 0.7546 | 0.00380 mg/L | 0.50% |
| i 334.941 | 113737.7 | 2.186 | 0.0076 mg/L | 2.186 | 0.0076 mg/L | 0.35% |
| l 190.800 | -14.8 | -0.0847 | 0.06149 mg/L | -0.0847 | 0.06149 mg/L | 72.56% |
| 292.402 | 4833.6 | 0.3313 | 0.00314 mg/L | 0.3313 | 0.00314 mg/L | 0.95% |
| n 213.856 | 10302.1 | 0.8725 | 0.00212 mg/L | 0.8725 | 0.00212 mg/L | 0.24% |
| g 279.079 | 485980.1 | 472 | 2.5 mg/L | 472 | 2.5 mg/L | 0.53% |
| a 317.933 | 8633941.3 | 846 | 3.9 mg/L | 846 | 3.9 mg/L | 0.46% |
| n 189.933 | 1.8 | -0.0274 | 0.01252 mg/L | -0.0274 | 0.01252 mg/L | 45.73% |
| i 251.611 | 40778.8 | 16.5 | 0.10 mg/L | 16.5 | 0.10 mg/L | 0.63% |
| g 328.068 | -420.2 | -0.0158 | 0.00053 mg/L | -0.0158 | 0.00053 mg/L | 3.38% |

Mean Data ----------

ID: 571360 2.19 Seq. No.: 45 Sample No.: 36 A/S Pos: 41
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 12:51:49 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 291527.6 | 220 | 2.8 | mg/L | 220 | 2.8 | mg/L | 1.27% |
| As 188.979 | 23.5 | 0.0947 | 0.00088 | mg/L | 0.0947 | 0.00088 | mg/L | 0.93% |
| B 208.959 | 338.9 | 0.2277 | 0.00930 | mg/L | 0.2277 | 0.00930 | mg/L | 4.09% |
| Ba 233.527 | 6041.0 | 1.063 | 0.0065 | mg/L | 1.063 | 0.0065 | mg/L | 0.61% |
| Be 313.107 | 3334.4 | 0.0123 | 0.00007 | mg/L | 0.0123 | 0.00007 | mg/L | 0.53% |
| Cd 214.438 | 68.6 | 0.0059 | 0.00046 | mg/L | 0.0059 | 0.00046 | mg/L | 7.74% |
| Co 228.616 | 504.2 | 0.243 | 0.0040 | mg/L | 0.243 | 0.0040 | mg/L | 1.64% |
| Cr 267.716 | 6605.5 | 0.6135 | 0.00345 | mg/L | 0.6135 | 0.00345 | mg/L | 0.56% |
| Cu 324.754 | 7791.1 | 0.4470 | 0.00155 | mg/L | 0.4470 | 0.00155 | mg/L | 0.35% |
| Fe 238.204 | 1827755.1 | 380.0 | 3.87 | mg/L | 380.0 | 3.87 | mg/L | 1.02% |
| Mn 257.610 | 210559.3 | 5.972 | 0.0203 | mg/L | 5.972 | 0.0203 | mg/L | 0.34% |
| Mo 202.030 | 158.7 | 0.102 | 0.0014 | mg/L | 0.102 | 0.0014 | mg/L | 1.40% |
| Ni 231.604 | 3296.1 | 0.6605 | 0.00734 | mg/L | 0.6605 | 0.00734 | mg/L | 1.11% |
| Pb 220.353 12 | 144.4 | 0.2629 | 0.00735 | mg/L | 0.2629 | 0.00735 | mg/L | 2.80% |
| Sb 206.833 | -1.1 | 0.0715 | 0.02309 | mg/L | 0.0715 | 0.02309 | mg/L | 32.30% |
| Se 196.026 | 9.1 | 0.109 | 0.0008 | mg/L | 0.109 | 0.0008 | mg/L | 0.72% |
| Sr 407.771 | 502056.8 | 0.6995 | 0.00750 | mg/L | 0.6995 | 0.00750 | mg/L | 1.07% |
| Ti 334.941 | 126299.2 | 2.428 | 0.0147 | mg/L | 2.428 | 0.0147 | mg/L | 0.60% |
| Tl 190.800 | -17.5 | -0.103 | 0.0280 | mg/L | -0.103 | 0.0280 | mg/L | 27.28% |
| V 292.402 | 5788.3 | 0.4031 | 0.00213 | mg/L | 0.4031 | 0.00213 | mg/L | 0.53% |
| Zn 213.856 | 11660.7 | 0.9989 | 0.00195 | mg/L | 0.9989 | 0.00195 | mg/L | 0.20% |
| Mg 279.079 | 444502.4 | 432 | 5.0 | mg/L | 432 | 5.0 | mg/L | 1.16% |
| Ca 317.933 | 8756978.7 | 858 | 9.2 | mg/L | 858 | 9.2 | mg/L | 1.07% |
| Sn 189.933 | 3.4 | -0.0248 | 0.00940 | mg/L | -0.0248 | 0.00940 | mg/L | 37.97% |
| Si 251.611 | 38558.4 | 15.6 | 0.09 | mg/L | 15.6 | 0.09 | mg/L | 0.61% |
| Ag 328.068 | -400.0 | -0.0146 | 0.00011 | mg/L | -0.0146 | 0.00011 | mg/L | 0.78% |

Mean Data ----------

ID: 571546 5x sd Seq. No.: 46 Sample No.: 37 A/S Pos: 42
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 12:56:57 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 46420.4 | 35.0 | 0.51 | mg/L | 35.0 | 0.51 | mg/L | 1.45% |
| As 188.979 | 2.6 | 0.0220 | 0.00672 | mg/L | 0.0220 | 0.00672 | mg/L | 30.55% |
| B 208.959 | 121.7 | 0.0754 | 0.00571 | mg/L | 0.0754 | 0.00571 | mg/L | 7.57% |
| Ba 233.527 42 | 2890.1 | 0.5040 | 0.00164 | mg/L | 0.5040 | 0.00164 | mg/L | 0.33% |
| Be 313.107 | 45.8 | 0.0030 | 0.00010 | mg/L | 0.0030 | 0.00010 | mg/L | 3.45% |
| Cd 214.438 2 | -21.8 | 0.0067 | 0.00040 | mg/L | 0.0067 | 0.00040 | mg/L | 6.02% |
| Co 228.616 | 57.2 | 0.0268 | 0.00040 | mg/L | 0.0268 | 0.00040 | mg/L | 1.48% |
| Cr 267.716 14 | 743.8 | 0.0636 | 0.00256 | mg/L | 0.0636 | 0.00256 | mg/L | 4.02% |
| Cu 324.754 | 3061.2 | 0.1659 | 0.00252 | mg/L | 0.1659 | 0.00252 | mg/L | 1.52% |
| Fe 238.204 | 369359.7 | 76.77 | 0.454 | mg/L | 76.77 | 0.454 | mg/L | 0.59% |
| Mn 257.610 | 64490.0 | 1.831 | 0.0265 | mg/L | 1.831 | 0.0265 | mg/L | 1.45% |
| Mo 202.030 | 21.9 | 0.0133 | 0.00082 | mg/L | 0.0133 | 0.00082 | mg/L | 6.16% |
| Ni 231.604 | 385.9 | 0.0707 | 0.00228 | mg/L | 0.0707 | 0.00228 | mg/L | 3.22% |
| Pb 220.353 140 | 501.3 | 0.6451 | 0.00274 | mg/L | 0.6451 | 0.00274 | mg/L | 0.42% |
| Sb 206.833 | 14.6 | 0.0188 | 0.01686 | mg/L | 0.0188 | 0.01686 | mg/L | 89.47% |
| Se 196.026 | -11.1 | 0.0277 | 0.02765 | mg/L | 0.0277 | 0.02765 | mg/L | 99.78% |
| Sr 407.771 | 259262.9 | 0.3717 | 0.00184 | mg/L | 0.3717 | 0.00184 | mg/L | 0.49% |
| Ti 334.941 | 56292.3 | 1.081 | 0.0146 | mg/L | 1.081 | 0.0146 | mg/L | 1.35% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 190.800 | -6.8 | 0.0226 | 0.02009 mg/L | 0.0226 | 0.02009 mg/L | 88.95% |
| 292.402 | 1193.5 | 0.0844 | 0.00130 mg/L | 0.0844 | 0.00130 mg/L | 1.55% |
| 213.856 | 9490.9 | 0.8607 | 0.00845 mg/L | 0.8607 | 0.00845 mg/L | 0.98% |
| 279.079 | 94265.7 | 91.5 | 1.26 mg/L | 91.5 | 1.26 mg/L | 1.38% |
| 317.933 | 2548398.6 | 250 | 1.3 mg/L | 250 | 1.3 mg/L | 0.54% |
| 189.933 | 36.5 | 0.0296 | 0.00177 mg/L | 0.0296 | 0.00177 mg/L | 5.97% |
| 251.611 | 16843.1 | 6.74 | 0.079 mg/L | 6.74 | 0.079 mg/L | 1.17% |
| 328.068 | -193.8 | -0.0021 | 0.00067 mg/L | -0.0021 | 0.00067 mg/L | 31.61% |

an Data ----------

): 571546 5x ps Seq. No.: 47 Sample No.: 38 A/S Pos: 43
mple Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 1:02:06 PM

| ement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| 396.152 | 47517.1 | 35.8 | 1.59 | mg/L | 35.8 | 1.59 | mg/L | 4.46% |
| 188.979 | 150.7 | 0.978 | 0.0472 | mg/L | 0.978 | 0.0472 | mg/L | 4.82% |
| 208.959 | 981.7 | 0.9846 | 0.02629 | mg/L | 0.9846 | 0.02629 | mg/L | 2.67% |
| 233.527 326 | 8615.9 96% | 1.467 | 0.0614 | mg/L | 1.467 | 0.0614 | mg/L | 4.19% |
| 313.107 | 339747.2 | 0.9634 | 0.03218 | mg/L | 0.9634 | 0.03218 | mg/L | 3.34% |
| 214.438 | 8718.2 92% | 0.9190 | 0.03902 | mg/L | 0.9190 | 0.03902 | mg/L | 4.25% |
| 228.616 | 1932.0 | 0.932 | 0.0288 | mg/L | 0.932 | 0.0288 | mg/L | 3.10% |
| 26 716 226 | 11296.2 95% | 1.019 | 0.0457 | mg/L | 1.019 | 0.0457 | mg/L | 4.48% |
| 3 754 | 17294.3 | 1.099 | 0.0501 | mg/L | 1.099 | 0.0501 | mg/L | 4.56% |
| 238.204 | 374929.5 | 77.93 | 2.583 | mg/L | 77.93 | 2.583 | mg/L | 3.32% |
| 257.610 | 97377.7 | 2.765 | 0.1213 | mg/L | 2.765 | 0.1213 | mg/L | 4.39% |
| 202.030 | 1465.5 | 0.951 | 0.0255 | mg/L | 0.951 | 0.0255 | mg/L | 2.68% |
| 231.604 | 4938.4 | 0.9933 | 0.03895 | mg/L | 0.9933 | 0.03895 | mg/L | 3.92% |
| 220.353 346 | 1250.9 93% | 1.557 | 0.0408 | mg/L | 1.557 | 0.0408 | mg/L | 2.62% |
| 206.833 | 188.8 | 0.934 | 0.0149 | mg/L | 0.934 | 0.0149 | mg/L | 1.59% |
| 196.026 | 218.3 | 0.951 | 0.0204 | mg/L | 0.951 | 0.0204 | mg/L | 2.15% |
| 407.771 | 928570.1 | 1.346 | 0.0456 | mg/L | 1.346 | 0.0456 | mg/L | 3.39% |
| 334.941 | 106118.7 | 2.040 | 0.0866 | mg/L | 2.040 | 0.0866 | mg/L | 4.25% |
| 190.800 | 96.5 | 0.938 | 0.0424 | mg/L | 0.938 | 0.0424 | mg/L | 4.52% |
| 292.402 | 13125.4 | 1.061 | 0.0450 | mg/L | 1.061 | 0.0450 | mg/L | 4.24% |
| 213.856 | 19396.4 | 1.798 | 0.0765 | mg/L | 1.798 | 0.0765 | mg/L | 4.26% |
| 279.079 | 94707.1 | 92.0 | 4.12 | mg/L | 92.0 | 4.12 | mg/L | 4.47% |
| 317.933 | 2567864.9 | 252 | 8.5 | mg/L | 252 | 8.5 | mg/L | 3.36% |
| 189.933 | 32.8 | 0.0236 | 0.01614 | mg/L | 0.0236 | 0.01614 | mg/L | 68.53% |
| 251.611 | 18778.0 | 7.52 | 0.297 | mg/L | 7.52 | 0.297 | mg/L | 3.95% |
| 328.068 | 16119.4 | 0.982 | 0.0638 | mg/L | 0.982 | 0.0638 | mg/L | 6.49% |

ean Data ----------

): lk Seq. No.: 48 Sample No.: 1 A/S Pos: 4
ampl Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 1:07:20 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | -38.9 | 0.0136 | 0.00188 | mg/L | | | | 13.81% |
| s 188.979 | -2.2 | -0.0091 | 0.00674 | mg/L | | | | 74.46% |
| 208.959 | 34.1 | 0.0011 | 0.00180 | mg/L | | | | 164.49% |
| a 233.527 | -64.0 | 0.0000 | 0.00210 | mg/L | | | | >999.9% |
| e 313.107 | -999.7 | 0.0001 | 0.00001 | mg/L | | | | 18.91% |
| d 214.438 | -76.7 | 0.0010 | 0.00019 | mg/L | | | | 20.19% |
| o 228.616 | 1.6 | 0.0000 | 0.00057 | mg/L | | | | >999.9% |
| r 267.716 | 50.9 | 0.0009 | 0.00101 | mg/L | | | | 113.70% |
| u 324.754 | 403.4 | -0.0011 | 0.00204 | mg/L | | | | 188.80% |
| e 238.204 | 120.6 | 0.0006 | 0.00052 | mg/L | | | | 86.11% |
| n 257.610 | 3.5 | -0.0002 | 0.00001 | mg/L | | | | 6.94% |
| o 202.030 | 2.8 | 0.0009 | 0.00204 | mg/L | | | | 229.36% |
| i 231.604 | 42.3 | 0.0011 | 0.00092 | mg/L | | | | 81.74% |
| b 220.353 | -37.6 | -0.0107 | 0.01048 | mg/L | | | | 97.63% |
| b 206.833 | 14.8 | -0.0144 | 0.01447 | mg/L | | | | 100.82% |
| e 196.026 | -10.8 | 0.0289 | 0.02236 | mg/L | | | | 77.36% |
| r 407.771 | -42.2 | 0.0001 | 0.00000 | mg/L | | | | 1.41% |
| i 334.941 | 198.3 | 0.0020 | 0.00121 | mg/L | | | | 59.05% |
| l 190.800 | -12.5 | 0.0010 | 0.02319 | mg/L | | | | >999.9% |
| 292.402 | -27.4 | -0.0010 | 0.00011 | mg/L | | | | 11.03% |
| n 213.856 | 185.5 | -0.0015 | 0.00047 | mg/L | | | | 30.87% |
| g 279.079 | -28.7 | 0.0050 | 0.01058 | mg/L | | | | 210.34% |

| | | | | | |
|---|---|---|---|---|---|
| a 317.933 | 257.9 | 0.0046 | 0.00329 | mg/L | 72.14% |
| n 189.933 | 14.5 | -0.0066 | 0.00121 | mg/L | 18.42% |
| i 251.611 | 451.7 | 0.0738 | 0.00222 | mg/L | 3.01% |
| g 328.068 | -167.1 | -0.0005 | 0.00085 | mg/L | 164.64% |

lean Data ----------

D: ccv Seq. No.: 49 Sample No.: 2 A/S Pos: 7
ample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 1:12:38 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 2475.9 | 1.88 | 0.005 | mg/L | | | | 0.24% |
| s 188.979 | 301.7 | 1.95 | 0.009 | mg/L | | | | 0.45% |
| 208.959 | 897.1 | 0.9135 | 0.01213 | mg/L | | | | 1.33% |
| a 233.527 | 11390.5 | 1.926 | 0.0085 | mg/L | | | | 0.44% |
| e 313.107 | 334575.0 | 0.9488 | 0.00917 | mg/L | | | | 0.97% |
| d 214.438 | 9050.7 | 0.9537 | 0.00514 | mg/L | | | | 0.54% |
| o 228.616 | 1985.9 | 0.958 | 0.0085 | mg/L | | | | 0.88% |
| r 267.716 | 21255.0 | 1.921 | 0.0024 | mg/L | | | | 0.12% |
| u 324.754 | 15146.7 | 0.9661 | 0.00276 | mg/L | | | | 0.29% |
| e 238.204 | 9360.1 | 1.922 | 0.0003 | mg/L | | | | 0.02% |
| n 257.610 | 33924.5 | 0.9629 | 0.00079 | mg/L | | | | 0.08% |
| o 202.030 | 1483.4 | 0.963 | 0.0064 | mg/L | | | | 0.67% |
| i 231.604 | 4723.8 | 0.9498 | 0.00651 | mg/L | | | | 0.69% |
| b 220.353 | 1549.5 | 1.921 | 0.0069 | mg/L | | | | 0.36% |
| b 206.833 | 383.9 | 1.89 | 0.019 | mg/L | | | | 1.02% |
| e 196.026 | 468.7 | 1.96 | 0.016 | mg/L | | | | 0.79% |
| r 407.771 | 657550.8 | 0.9573 | 0.00974 | mg/L | | | | 1.02% |
| i 334.941 | 48728.2 | 0.9357 | 0.00109 | mg/L | | | | 0.12% |
| l 190.800 | 206.9 | 1.94 | 0.008 | mg/L | | | | 0.43% |
| 292.402 | 11851.2 | 0.9721 | 0.00008 | mg/L | | | | 0.01% |
| n 213.856 | 20552.5 | 1.925 | 0.0034 | mg/L | | | | 0.18% |
| g 279.079 | 1966.7 | 1.94 | 0.029 | mg/L | | | | 1.49% |
| a 317.933 | 20615.0 | 2.00 | 0.003 | mg/L | | | | 0.16% |
| n 189.933 | 1222.6 | 1.97 | 0.010 | mg/L | | | | 0.49% |
| i 251.611 | 5419.0 | 2.09 | 0.010 | mg/L | | | | 0.50% |
| g 328.068 | 17370.0 | 1.06 | 0.001 | mg/L | | | | 0.08% |

lean Data ----------

D: 571546 5x ps Seq. No.: 50 Sample No.: 39 A/S Pos: 44
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 1:17:47 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 52186.0 | 39.3 | 0.84 | mg/L | 39.3 | 0.84 | mg/L | 2.15% |
| s 188.979 | 167.6 | 1.09 | 0.039 | mg/L | 1.09 | 0.039 | mg/L | 3.59% |
| 208.959 | 1077.8 | 1.084 | 0.0297 | mg/L | 1.084 | 0.0297 | mg/L | 2.74% |
| a 233.527 357 | 9450.8 110% | 1.608 | 0.0398 | mg/L | 1.608 | 0.0398 | mg/L | 2.47% |
| e 313.107 | 375775.1 | 1.065 | 0.0281 | mg/L | 1.065 | 0.0281 | mg/L | 2.63% |
| d 214.438 | 9636.6 102% | 1.015 | 0.0227 | mg/L | 1.015 | 0.0227 | mg/L | 2.24% |
| o 228.616 | 2125.5 | 1.02 | 0.036 | mg/L | 1.02 | 0.036 | mg/L | 3.47% |
| r 267.716 250 | 12459.1 106% | 1.124 | 0.0249 | mg/L | 1.124 | 0.0249 | mg/L | 2.21% |
| u 324.754 | 19054.5 | 1.214 | 0.0283 | mg/L | 1.214 | 0.0283 | mg/L | 2.33% |
| e 238.204 | 411604.8 | 85.55 | 2.207 | mg/L | 85.55 | 2.207 | mg/L | 2.58% |
| n 257.610 | 107081.7 | 3.040 | 0.0642 | mg/L | 3.040 | 0.0642 | mg/L | 2.11% |
| o 202.030 | 1613.7 | 1.05 | 0.031 | mg/L | 1.05 | 0.031 | mg/L | 2.95% |
| i 231.604 | 5439.6 | 1.095 | 0.0273 | mg/L | 1.095 | 0.0273 | mg/L | 2.49% |
| b 220.353 379 | 1373.6 108% | 1.707 | 0.0579 | mg/L | 1.707 | 0.0579 | mg/L | 3.39% |
| b 206.833 | 211.3 | 1.03 | 0.011 | mg/L | 1.03 | 0.011 | mg/L | 1.05% |
| e 196.026 | 248.7 | 1.07 | 0.055 | mg/L | 1.07 | 0.055 | mg/L | 5.15% |
| r 407.771 | 1025829.8 | 1.487 | 0.0403 | mg/L | 1.487 | 0.0403 | mg/L | 2.71% |
| i 334.941 | 116741.6 | 2.244 | 0.0414 | mg/L | 2.244 | 0.0414 | mg/L | 1.85% |
| l 190.800 | 105.4 | 1.01 | 0.028 | mg/L | 1.01 | 0.028 | mg/L | 2.80% |
| 292.402 | 14476.6 | 1.171 | 0.0254 | mg/L | 1.171 | 0.0254 | mg/L | 2.17% |
| n 213.856 | 21272.8 | 1.973 | 0.0420 | mg/L | 1.973 | 0.0420 | mg/L | 2.13% |
| g 279.079 | 104028.8 | 101 | 2.3 | mg/L | 101 | 2.3 | mg/L | 2.24% |
| a 317.933 | 2820261.2 | 276 | 7.3 | mg/L | 276 | 7.3 | mg/L | 2.64% |
| n 189.933 | 39.0 | 0.0336 | 0.01538 | mg/L | 0.0336 | 0.01538 | mg/L | 45.72% |
| i 251.611 | 20332.8 | 8.15 | 0.119 | mg/L | 8.15 | 0.119 | mg/L | 1.45% |
| g 328.068 | 17808.8 | 1.08 | 0.025 | mg/L | 1.08 | 0.025 | mg/L | 2.28% |

ean Data

D: _____ Seq. No.: 51 Sample No.: 40 A/S Pos: 45
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 1:23:02 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | -48.3 | 0.0065 | 0.00149 | mg/L | 0.0065 | 0.00149 | mg/L | 22.74% |
| s 188.979 | -0.5 | 0.0024 | 0.01875 | mg/L | 0.0024 | 0.01875 | mg/L | 772.32% |
| 208.959 | 24.5 | -0.0094 | 0.00124 | mg/L | -0.0094 | 0.00124 | mg/L | 13.17% |
| a 233.527 | -64.0 | 0.0000 | 0.00069 | mg/L | 0.0000 | 0.00069 | mg/L | >999.9% |
| e 313.107 | -1014.7 | 0.0000 | 0.00002 | mg/L | 0.0000 | 0.00002 | mg/L | 89.76% |
| d 214.438 | -76.3 | 0.0010 | 0.00046 | mg/L | 0.0010 | 0.00046 | mg/L | 45.45% |
| o 228.616 | 3.3 | 0.0008 | 0.00143 | mg/L | 0.0008 | 0.00143 | mg/L | 183.50% |
| r 267.716 | 29.6 | -0.0010 | 0.00047 | mg/L | -0.0010 | 0.00047 | mg/L | 45.21% |
| u 324.754 | 376.6 | -0.0028 | 0.00045 | mg/L | -0.0028 | 0.00045 | mg/L | 15.85% |
| e 238.204 | 122.2 | 0.0009 | 0.00127 | mg/L | 0.0009 | 0.00127 | mg/L | 137.19% |
| n 257.610 | -1.0 | -0.0003 | 0.00018 | mg/L | -0.0003 | 0.00018 | mg/L | 60.00% |
| o 202.030 | 3.9 | 0.0016 | 0.00070 | mg/L | 0.0016 | 0.00070 | mg/L | 44.65% |
| i 231.604 | 39.1 | 0.0005 | 0.00057 | mg/L | 0.0005 | 0.00057 | mg/L | 122.21% |
| b 220.353 | -32.2 | -0.0042 | 0.00153 | mg/L | -0.0042 | 0.00153 | mg/L | 36.65% |
| b 206.833 | 15.1 | -0.0127 | 0.00180 | mg/L | -0.0127 | 0.00180 | mg/L | 14.17% |
| e 196.026 | -12.4 | 0.0223 | 0.01948 | mg/L | 0.0223 | 0.01948 | mg/L | 87.26% |
| r 4 771 | -56.3 | 0.0000 | 0.00003 | mg/L | 0.0000 | 0.00003 | mg/L | 94.60% |
| i 334.941 | 133.0 | 0.0008 | 0.00028 | mg/L | 0.0008 | 0.00028 | mg/L | 35.39% |
| l 190.800 | -10.8 | 0.0160 | 0.01510 | mg/L | 0.0160 | 0.01510 | mg/L | 94.47% |
| 292.402 | -22.3 | -0.0006 | 0.00004 | mg/L | -0.0006 | 0.00004 | mg/L | 6.16% |
| n 213.856 | 167.4 | -0.0032 | 0.00022 | mg/L | -0.0032 | 0.00022 | mg/L | 6.72% |
| g 279.079 | -22.2 | 0.0114 | 0.00728 | mg/L | 0.0114 | 0.00728 | mg/L | 64.07% |
| a 317.933 | 309.3 | 0.0096 | 0.00010 | mg/L | 0.0096 | 0.00010 | mg/L | 0.99% |
| n 189.933 | 16.0 | -0.0041 | 0.00054 | mg/L | -0.0041 | 0.00054 | mg/L | 12.98% |
| i 251.611 | 385.1 | 0.0467 | 0.00215 | mg/L | 0.0467 | 0.00215 | mg/L | 4.60% |
| g 328.068 | -149.9 | 0.0005 | 0.00091 | mg/L | 0.0005 | 0.00091 | mg/L | 175.39% |

ean Data

D: _____ Seq. No.: 52 Sample No.: 41 A/S Pos: 46
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 1:28:26 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | -54.4 | 0.0019 | 0.00404 | mg/L | 0.0019 | 0.00404 | mg/L | 212.37% |
| s 188.979 | -1.9 | -0.0071 | 0.02391 | mg/L | -0.0071 | 0.02391 | mg/L | 338.69% |
| 20[illegible]59 | 23.2 | -0.0109 | 0.00133 | mg/L | -0.0109 | 0.00133 | mg/L | 12.27% |
| a 2[illegible] 527 | -57.4 | 0.0011 | 0.00138 | mg/L | 0.0011 | 0.00138 | mg/L | 126.84% |
| e 313.107 | -1043.1 | -0.0001 | 0.00002 | mg/L | -0.0001 | 0.00002 | mg/L | 35.66% |
| d 214.438 | -80.1 | 0.0006 | 0.00019 | mg/L | 0.0006 | 0.00019 | mg/L | 30.53% |
| o 228.616 | 2.4 | 0.0004 | 0.00201 | mg/L | 0.0004 | 0.00201 | mg/L | 557.92% |
| r 267.716 | 31.3 | -0.0009 | 0.00013 | mg/L | -0.0009 | 0.00013 | mg/L | 14.63% |
| u 324.754 | 361.5 | -0.0038 | 0.00040 | mg/L | -0.0038 | 0.00040 | mg/L | 10.44% |
| e 238.204 | 109.9 | -0.0016 | 0.00122 | mg/L | -0.0016 | 0.00122 | mg/L | 75.27% |
| n 257.610 | 1.3 | -0.0002 | 0.00016 | mg/L | -0.0002 | 0.00016 | mg/L | 67.36% |
| o 202.030 | 0.5 | -0.0006 | 0.00550 | mg/L | -0.0006 | 0.00550 | mg/L | 899.37% |
| i 231.604 | 23.9 | -0.0026 | 0.00213 | mg/L | -0.0026 | 0.00213 | mg/L | 81.29% |
| b 220.353 | -31.7 | -0.0035 | 0.00434 | mg/L | -0.0035 | 0.00434 | mg/L | 123.91% |
| b 206.833 | 14.7 | -0.0148 | 0.00523 | mg/L | -0.0148 | 0.00523 | mg/L | 35.27% |
| e 196.026 | -11.4 | 0.0263 | 0.00634 | mg/L | 0.0263 | 0.00634 | mg/L | 24.10% |
| r 407.771 | -79.9 | 0.0000 | 0.00003 | mg/L | 0.0000 | 0.00003 | mg/L | >999.9% |
| i 334.941 | 21.7 | -0.0014 | 0.00002 | mg/L | -0.0014 | 0.00002 | mg/L | 1.66% |
| l 190.800 | -14.8 | -0.0198 | 0.03226 | mg/L | -0.0198 | 0.03226 | mg/L | 163.27% |
| 292.402 | -23.1 | -0.0007 | 0.00002 | mg/L | -0.0007 | 0.00002 | mg/L | 3.19% |
| n 213.856 | 178.8 | -0.0022 | 0.00003 | mg/L | -0.0022 | 0.00003 | mg/L | 1.19% |
| g 279.079 | -31.1 | 0.0028 | 0.00068 | mg/L | 0.0028 | 0.00068 | mg/L | 24.54% |
| a 317.933 | 286.3 | 0.0073 | 0.00048 | mg/L | 0.0073 | 0.00048 | mg/L | 6.57% |
| n 189.933 | 18.5 | 0.0001 | 0.00301 | mg/L | 0.0001 | 0.00301 | mg/L | >999.9% |
| i 251.611 | 303.5 | 0.0135 | 0.00109 | mg/L | 0.0135 | 0.00109 | mg/L | 8.05% |
| g 328.068 | -144.3 | 0.0009 | 0.00023 | mg/L | 0.0009 | 0.00023 | mg/L | 26.58% |

alibration Summary

ethod: 6010jtt Date: 3/22/00 1:29:46 PM

| lement | Stds | Equation | Intercept | Slope | Curvature | Corr. Coeff. |
|---|---|---|---|---|---|---|
| l 396.152 | 1 | Linear | -56.9 | 1323.0 | 0.00000 | 1.000000 |
| s 188.979 | 1 | Linear | -0.8 | 154.9 | 0.00000 | 1.000000 |
| 208.959 | 1 | Linear | 33.1 | 912.6 | 0.00000 | 1.000000 |
| a 233.527 | 1 | Linear | -63.8 | 5948.3 | 0.00000 | 1.000000 |
| e 313.107 | 1 | Linear | -1022.2 | 353710.0 | 0.00000 | 1.000000 |
| d 214.438 | 1 | Linear | -85.9 | 9579.9 | 0.00000 | 1.000000 |
| o 228.616 | 1 | Linear | 1.6 | 2072.1 | 0.00000 | 1.000000 |
| r 267.716 | 1 | Linear | 41.2 | 11044.1 | 0.00000 | 1.000000 |
| u 324.754 | 1 | Linear | 419.9 | 15244.3 | 0.00000 | 1.000000 |
| e 238.204 | 1 | Linear | 117.7 | 4809.7 | 0.00000 | 1.000000 |
| n 257.610 | 1 | Linear | 9.7 | 35220.2 | 0.00000 | 1.000000 |
| o 202.030 | 1 | Linear | 1.4 | 1539.1 | 0.00000 | 1.000000 |
| i 231.604 | 1 | Linear | 36.8 | 4934.9 | 0.00000 | 1.000000 |
| b 220.353 | 1 | Linear | -28.8 | 821.7 | 0.00000 | 1.000000 |
| b 206.833 | 1 | Linear | 17.5 | 190.4 | 0.00000 | 1.000000 |
| e 196.026 | 1 | Linear | -18.0 | 248.3 | 0.00000 | 1.000000 |
| r 407.771 | 1 | Linear | -78.3 | 686973.8 | 0.00000 | 1.000000 |
| i 334.941 | 1 | Linear | 92.2 | 51978.4 | 0.00000 | 1.000000 |
| l 190.800 | 1 | Linear | -12.6 | 112.9 | 0.00000 | 1.000000 |
| 292.402 | 1 | Linear | -15.0 | 12358.1 | 0.00000 | 1.000000 |
| n 213.856 | 1 | Linear | 201.7 | 10571.1 | 0.00000 | 1.000000 |
| g 279.079 | 1 | Linear | -33.9 | 1030.2 | 0.00000 | 1.000000 |
| a 317.933 | 1 | Linear | 211.4 | 10197.4 | 0.00000 | 1.000000 |
| n 189.933 | 1 | Linear | 18.5 | 610.1 | 0.00000 | 1.000000 |
| i 251.611 | 1 | Linear | 270.2 | 2460.3 | 0.00000 | 1.000000 |
| g 328.068 | 1 | Linear | -158.5 | 16571.3 | 0.00000 | 1.000000 |

ean Data ----------

D: r blk Seq. No.: 60 Sample No.: 49 A/S Pos: 4
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 1:31:27 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | -43.0 | 0.0106 | 0.00659 | mg/L | 0.0106 | 0.00659 | mg/L | 62.43% |
| s 188.979 | -1.5 | -0.0046 | 0.00293 | mg/L | -0.0046 | 0.00293 | mg/L | 64.13% |
| 208.959 | 25.2 | -0.0088 | 0.00505 | mg/L | -0.0088 | 0.00505 | mg/L | 57.72% |
| a 233.527 | -63.4 | 0.0001 | 0.00032 | mg/L | 0.0001 | 0.00032 | mg/L | 441.09% |
| e 313.107 | -1026.6 | 0.0000 | 0.00006 | mg/L | 0.0000 | 0.00006 | mg/L | 473.43% |
| d 214.438 | -76.8 | 0.0010 | 0.00014 | mg/L | 0.0010 | 0.00014 | mg/L | 15.02% |
| o 228.616 | 2.2 | 0.0003 | 0.00056 | mg/L | 0.0003 | 0.00056 | mg/L | 210.33% |
| r 267.716 | 42.1 | 0.0001 | 0.00017 | mg/L | 0.0001 | 0.00017 | mg/L | 190.94% |
| u 324.754 | 426.6 | 0.0004 | 0.00141 | mg/L | 0.0004 | 0.00141 | mg/L | 321.52% |
| e 238.204 | 125.0 | 0.0015 | 0.00002 | mg/L | 0.0015 | 0.00002 | mg/L | 1.03% |
| n 257.610 | 1.3 | -0.0002 | 0.00012 | mg/L | -0.0002 | 0.00012 | mg/L | 50.71% |
| o 202.030 | 1.7 | 0.0002 | 0.00122 | mg/L | 0.0002 | 0.00122 | mg/L | 637.58% |
| i 231.604 | 28.0 | -0.0018 | 0.00080 | mg/L | -0.0018 | 0.00080 | mg/L | 45.19% |
| o 220.353 | -30.8 | -0.0024 | 0.00309 | mg/L | -0.0024 | 0.00309 | mg/L | 126.98% |
| o 206.833 | 17.1 | -0.0018 | 0.00449 | mg/L | -0.0018 | 0.00449 | mg/L | 247.20% |
| e 196.026 | -6.0 | 0.0484 | 0.00442 | mg/L | 0.0484 | 0.00442 | mg/L | 9.14% |
| r 407.771 | -39.1 | 0.0001 | 0.00001 | mg/L | 0.0001 | 0.00001 | mg/L | 22.42% |
| i 334.941 | 43.3 | -0.0009 | 0.00007 | mg/L | -0.0009 | 0.00007 | mg/L | 7.92% |
| l 190.800 | -12.4 | 0.0014 | 0.00459 | mg/L | 0.0014 | 0.00459 | mg/L | 327.88% |
| 292.402 | -11.4 | 0.0003 | 0.00025 | mg/L | 0.0003 | 0.00025 | mg/L | 84.89% |
| n 213.856 | 183.4 | -0.0017 | 0.00058 | mg/L | -0.0017 | 0.00058 | mg/L | 33.39% |
| g 279.079 | -30.6 | 0.0032 | 0.01428 | mg/L | 0.0032 | 0.01428 | mg/L | 450.31% |
| a 317.933 | 238.0 | 0.0026 | 0.00110 | mg/L | 0.0026 | 0.00110 | mg/L | 42.05% |
| n 189.933 | 19.2 | 0.0012 | 0.00448 | mg/L | 0.0012 | 0.00448 | mg/L | 379.15% |
| i 251.611 | 353.0 | 0.0337 | 0.00061 | mg/L | 0.0337 | 0.00061 | mg/L | 1.83% |
| g 328.068 | -139.2 | 0.0012 | 0.00172 | mg/L | 0.0012 | 0.00172 | mg/L | 147.88% |

ean Data ----------

D: ics 1 Seq. No.: 61 Sample No.: 3 A/S Pos: 11
ample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 1:36:44 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 310810.9 | 235 | 1.8 | mg/L | | | | 0.77% |

| | | | | | |
|---|---|---|---|---|---|
| s 188.979 | 2.6 | -0.0044 | 0.00263 | mg/L | 60.24% |
| 208.959 | 19.3 | -0.0410 | 0.01229 | mg/L | 29.97% |
| a 233.527 | -131.0 | -0.0025 | 0.00040 | mg/L | 16.08% |
| e 313.107 | -1069.6 | -0.0001 | 0.00008 | mg/L | 56.88% |
| d 214.438 | -87.1 | 0.0054 | 0.00010 | mg/L | 1.79% |
| o 228.616 | 6.5 | 0.0023 | 0.00094 | mg/L | 39.96% |
| r 267.716 | 28.5 | 0.0024 | 0.00666 | mg/L | 282.35% |
| u 324.754 | 524.1 | -0.0020 | 0.00093 | mg/L | 46.87% |
| e 238.204 | 440405.5 | 91.54 | 0.664 | mg/L | 0.73% |
| n 257.610 | 133.8 | 0.0001 | 0.00008 | mg/L | 72.15% |
| o 202.030 | -2.2 | -0.0024 | 0.00040 | mg/L | 17.03% |
| i 231.604 | 33.1 | -0.0007 | 0.00178 | mg/L | 239.51% |
| b 220.353 | -77.0 | -0.0032 | 0.00090 | mg/L | 28.39% |
| b 206.833 | 15.0 | 0.0279 | 0.01966 | mg/L | 70.52% |
| e 196.026 | -11.4 | 0.0264 | 0.00719 | mg/L | 27.19% |
| r 407.771 | 5799.4 | -0.0009 | 0.00002 | mg/L | 2.27% |
| i 334.941 | -123.8 | -0.0042 | 0.00019 | mg/L | 4.48% |
| l 190.800 | -14.3 | -0.0011 | 0.02561 | mg/L | >999.9% |
| 292.402 | 107.3 | -0.0061 | 0.00101 | mg/L | 16.58% |
| n 213.856 | 648.5 | 0.0161 | 0.00064 | mg/L | 4.00% |
| g 279.079 | 250997.9 | 244 | 1.8 | mg/L | 0.73% |
| a 317.933 | 2426286.4 | 237 | 1.7 | mg/L | 0.74% |
| n 189.933 | 25.1 | 0.0108 | 0.00519 | mg/L | 48.05% |
| i 251.611 | 451.7 | 0.0738 | 0.00112 | mg/L | 1.52% |
| g 328.068 | -196.4 | -0.0023 | 0.00026 | mg/L | 11.30% |

ean Data

D: ics 2 Seq. No.: 62 Sample No.: 4 A/S Pos: 12
ample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 1:41:53 PM

| lement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Units | Mean Conc. | Sample Std.Dev. | Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 307052.6 | 232 | 2.0 | mg/L | | | | 0.88% |
| s 188.979 | 72.8 | 0.449 | 0.0199 | mg/L | | | | 4.44% |
| 208.959 | 459.0 | 0.4250 | 0.00261 | mg/L | | | | 0.61% |
| a 233.527 | 2630.3 | 0.4617 | 0.00228 | mg/L | | | | 0.49% |
| e 313.107 | 162736.9 | 0.4630 | 0.00442 | mg/L | | | | 0.96% |
| d 214.438 | 4120.5 | 0.4446 | 0.00348 | mg/L | | | | 0.78% |
| o 228.616 | 918.5 | 0.442 | 0.0014 | mg/L | | | | 0.31% |
| r 267.716 | 5180.6 | 0.4654 | 0.00519 | mg/L | | | | 1.12% |
| u 324.754 | 7350.3 | 0.4459 | 0.00834 | mg/L | | | | 1.87% |
| e 238.204 | 435583.6 | 90.54 | 0.753 | mg/L | | | | 0.83% |
| n 257.610 | 16345.9 | 0.4605 | 0.00591 | mg/L | | | | 1.28% |
| o 2[illegible] 030 | 716.6 | 0.465 | 0.0023 | mg/L | | | | 0.49% |
| i 2[illegible] 604 | 2200.3 | 0.4384 | 0.00490 | mg/L | | | | 1.12% |
| b 220.353 | 301.8 | 0.4572 | 0.00566 | mg/L | | | | 1.24% |
| b 206.833 | 106.4 | 0.507 | 0.0047 | mg/L | | | | 0.92% |
| e 196.026 | 97.6 | 0.465 | 0.0033 | mg/L | | | | 0.70% |
| r 407.771 | 329935.8 | 0.4710 | 0.00352 | mg/L | | | | 0.75% |
| i 334.941 | 24284.2 | 0.4654 | 0.00805 | mg/L | | | | 1.73% |
| l 190.800 | 32.1 | 0.410 | 0.0057 | mg/L | | | | 1.38% |
| 292.402 | 5891.1 | 0.4621 | 0.00333 | mg/L | | | | 0.72% |
| n 213.856 | 5476.8 | 0.4732 | 0.00861 | mg/L | | | | 1.82% |
| g 279.079 | 247849.2 | 241 | 2.2 | mg/L | | | | 0.91% |
| a 317.933 | 2395055.2 | 234 | 1.9 | mg/L | | | | 0.80% |
| n 189.933 | 11064.2 | 18.1 | 0.23 | mg/L | | | | 1.29% |
| i 251.611 | 1399.6 | 0.459 | 0.0034 | mg/L | | | | 0.73% |
| g 328.068 | 8216.4 | 0.505 | 0.0076 | mg/L | | | | 1.51% |

ean Data

D: ics 3 Seq. No.: 63 Sample No.: 5 A/S Pos: 13
ample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 1:47:03 PM

| lement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Units | Mean Conc. | Sample Std.Dev. | Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 819.5 | -0.0283 | 0.01447 | mg/L | | | | 51.11% |
| s 188.979 | 40.3 | 0.226 | 0.0065 | mg/L | | | | 2.89% |
| 208.959 | 603.6 | -0.0422 | 0.00742 | mg/L | | | | 17.60% |
| a 233.527 | -79.5 | 0.0293 | 0.00083 | mg/L | | | | 2.84% |
| e 313.107 | -1629.2 | -0.0002 | 0.00008 | mg/L | | | | 49.42% |

| | | | | | |
|---|---|---|---|---|---|
| i 214.438 | -92.6 | -0.0007 | 0.00025 | mg/L | 35.66% |
| ɔ 228.616 | -20.2 | 0.0081 | 0.00260 | mg/L | 32.05% |
| r 267.716 | 529893.7 | 47.92 | 0.617 | mg/L | 1.29% |
| ı 324.754 | 562657.9 | 36.88 | 0.442 | mg/L | 1.20% |
| ɜ 238.204 | 232.4 | 0.0238 | 0.00075 | mg/L | 3.15% |
| ı 257.610 | 1674162.6 | 47.53 | 0.570 | mg/L | 1.20% |
| ɔ 202.030 | 29817.7 | 19.4 | 0.03 | mg/L | 0.14% |
| i 231.604 | 228619.3 | 46.32 | 0.549 | mg/L | 1.18% |
| ɔ 220.353 | -56.5 | -0.0111 | 0.01013 | mg/L | 91.59% |
| ɔ 206.833 | 190.2 | 0.0061 | 0.03635 | mg/L | 593.58% |
| ɜ 196.026 | -9.2 | 0.0355 | 0.03304 | mg/L | 93.11% |
| r 407.771 | 162.5 | -0.0075 | 0.00017 | mg/L | 2.21% |
| i 334.941 | 967.4 | 0.0024 | 0.00031 | mg/L | 12.92% |
| l 190.800 | -18.7 | -0.0598 | 0.03373 | mg/L | 56.38% |
| 292.402 | -5382.4 | 0.0084 | 0.00441 | mg/L | 52.22% |
| ı 213.856 | 2699.2 | -0.0073 | 0.00200 | mg/L | 27.35% |
| ʒ 279.079 | -379.3 | 0.0582 | 0.03778 | mg/L | 64.87% |
| ɜ 317.933 | 547.9 | -0.0051 | 0.00089 | mg/L | 17.30% |
| ı 189.933 | 43.7 | 0.0413 | 0.01791 | mg/L | 43.39% |
| i 251.611 | 830.2 | 0.182 | 0.0009 | mg/L | 0.49% |
| ʒ 328.068 | -72.1 | 0.0052 | 0.00143 | mg/L | 27.47% |

ean Data ----------

D: ccv Seq. No.: 64 Sample No.: 50 A/S Pos: 7
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/22/00 1:52:12 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 2450.8 | 1.86 | 0.007 | mg/L | 1.86 | 0.007 | mg/L | 0.39% |
| ɜ 188.979 | 300.1 | 1.94 | 0.012 | mg/L | 1.94 | 0.012 | mg/L | 0.62% |
| 208.959 | 884.4 | 0.8997 | 0.00891 | mg/L | 0.8997 | 0.00891 | mg/L | 0.99% |
| ı 233.527 | 11385.0 | 1.925 | 0.0045 | mg/L | 1.925 | 0.0045 | mg/L | 0.23% |
| ɜ 313.107 | 331081.4 | 0.9389 | 0.01059 | mg/L | 0.9389 | 0.01059 | mg/L | 1.13% |
| i 214.438 | 8974.6 | 0.9458 | 0.00250 | mg/L | 0.9458 | 0.00250 | mg/L | 0.26% |
| ɔ 228.616 | 1966.2 | 0.948 | 0.0083 | mg/L | 0.948 | 0.0083 | mg/L | 0.88% |
| r 267.716 | 21157.4 | 1.912 | 0.0035 | mg/L | 1.912 | 0.0035 | mg/L | 0.18% |
| ı 324.754 | 15245.0 | 0.9725 | 0.00194 | mg/L | 0.9725 | 0.00194 | mg/L | 0.20% |
| ɜ 238.204 | 9333.4 | 1.916 | 0.0021 | mg/L | 1.916 | 0.0021 | mg/L | 0.11% |
| ı 257.610 | 33778.2 | 0.9588 | 0.00188 | mg/L | 0.9588 | 0.00188 | mg/L | 0.20% |
| ɔ 202.030 | 1479.8 | 0.961 | 0.0072 | mg/L | 0.961 | 0.0072 | mg/L | 0.75% |
| i 231.604 | 4678.7 | 0.9406 | 0.00600 | mg/L | 0.9406 | 0.00600 | mg/L | 0.64% |
| ɔ 220.353 | 1523.0 | 1.889 | 0.0211 | mg/L | 1.889 | 0.0211 | mg/L | 1.12% |
| ɔ 206.833 | 377.1 | 1.85 | 0.035 | mg/L | 1.85 | 0.035 | mg/L | 1.91% |
| ɜ 196.026 | 457.5 | 1.91 | 0.004 | mg/L | 1.91 | 0.004 | mg/L | 0.21% |
| r 407.771 | 650032.3 | 0.9463 | 0.01125 | mg/L | 0.9463 | 0.01125 | mg/L | 1.19% |
| . 334.941 | 48318.3 | 0.9278 | 0.00279 | mg/L | 0.9278 | 0.00279 | mg/L | 0.30% |
| . 190.800 | 197.2 | 1.86 | 0.025 | mg/L | 1.86 | 0.025 | mg/L | 1.36% |
| 292.402 | 11803.1 | 0.9682 | 0.00092 | mg/L | 0.9682 | 0.00092 | mg/L | 0.09% |
| ı 213.856 | 20481.7 | 1.918 | 0.0045 | mg/L | 1.918 | 0.0045 | mg/L | 0.23% |
| ʒ 279.079 | 1939.3 | 1.92 | 0.012 | mg/L | 1.92 | 0.012 | mg/L | 0.65% |
| ɜ 317.933 | 20526.3 | 1.99 | 0.001 | mg/L | 1.99 | 0.001 | mg/L | 0.05% |
| ı 189.933 | 1222.3 | 1.97 | 0.004 | mg/L | 1.97 | 0.004 | mg/L | 0.19% |
| . 251.611 | 5309.1 | 2.05 | 0.018 | mg/L | 2.05 | 0.018 | mg/L | 0.89% |
| ʒ 328.068 | 17322.0 | 1.05 | 0.000 | mg/L | 1.05 | 0.000 | mg/L | 0.03% |

TESTAMERICA JOB # 00.02292

QC REPORT

ICP

METHOD: 6010B

ANALYTE: Lead

DATE: 3/26/00

PREP BATCH QC: MS/MSD 571546
prep batch 1578

RUN BATCH: 3/28

RAW DATA FOR SAMPLE #'S:

MS/MSD only

ethod - 6010jtt
F File - 3-26

| eq # | A/S Loc | ID | Category |
|---|---|---|---|
| 1 | 4 | Calib Blank 1 | Calib Blank |
| 2 | 2 | Cstd1#M000307-02 | Calib Std. |
| 3 | 1 | Cstd2#M000309-04 | Calib Std. |
| 4 | 3 | Cstd3#M000124-04 | Calib Std. |
| 5 | 5 | Cstd4#M000223-01 | Calib Std. |
| 6 | 4 | r blk | Sample |
| 7 | 9 | rlvs#m000321-03 | Sample |
| 8 | 10 | icv #m000306-01 | Sample |
| 9 | 2 | HCS | Sample |
| 10 | 11 | ics A#m000321-01 | Sample |
| 11 | 12 | ics AB#m000313-01 | Sample |
| 12 | 13 | ics C#m000307-01 | Sample |
| 13 | 7 | ccv #m000307-03 | Sample |
| 14 | 27 | blk 1581 | Sample |
| 15 | 28 | lcs 1581 | Sample |
| 16 | 29 | 571430rd 2.13 | Sample |
| 17 | 30 | 571431rd 2.12 | Sample |
| 18 | 31 | 571546 5x sd | Sample |
| 19 | 32 | 571546 5x ps | Sample |
| 20 | 33 | 571546 5x ps | Sample |
| 21 | 4 | r blk | QC |
| 22 | 7 | ccv | QC |
| 23 | 34 | 571546 2.02 | Sample |
| 24 | 35 | 571546 ms 2.16 | Sample |
| 25 | 36 | 571546 msd 2.08 | Sample |
| 26 | 37 | 571432 rd 2.12 | Sample |
| 27 | 38 | 571433 rd 2.37 | Sample |
| 28 | 39 | 571434 2.22 | Sample |
| 29 | 40 | 571515 2.36 | Sample |
| 30 | 41 | 571709 2.02 | Sample |
| 31 | 42 | 571710 2.03 | Sample |
| 32 | 43 | xxx | Sample |
| 33 | 4 | r blk | QC |
| 34 | 7 | ccv | QC |
| 35 | 44 | 571711 2.13 | Sample |
| 36 | 45 | 571712 2.09 | Sample |
| 37 | 46 | 571713 2.23 | Sample |
| 38 | 47 | 571715 2.15 | Sample |
| 39 | 48 | 571753 2.07 | Sample |
| 40 | 49 | 571754 2.27 | Sample |
| 41 | 50 | 571875 2.00 | Sample |
| 42 | 51 | 571876 2.17 | Sample |
| 43 | 52 | 571527 rd 2.17 | Sample |
| 44 | 53 | xxx | Sample |
| 45 | 4 | r blk | QC |
| 46 | 7 | ccv | QC |
| 47 | 54 | 571917 2.12 | Sample |
| 48 | 55 | 571553 2.04 | Sample |
| 49 | 56 | blk 1577 3b | Sample |
| 50 | 57 | lcs 1577 | Sample |
| 51 | 58 | 570930 2.07 | Sample |
| 52 | 59 | 570931 2.20 | Sample |
| 53 | 60 | 570932 2.17 | Sample |
| 54 | 61 | 571562 5x | Sample |
| 55 | 62 | 571562 5x ps | Sample |
| 56 | 63 | 571562 5x ps | Sample |
| 57 | 4 | r blk | QC |
| 58 | 7 | ccv | QC |
| 59 | 64 | 571562 2.19 | Sample |
| 60 | 65 | 571562 ms 2.04 | Sample |
| 61 | 66 | 571562 msd 2.04 | Sample |
| 62 | 67 | 570933 2.26 | Sample |
| 63 | 68 | 570935 2.03 | Sample |

No 200.7 Ag, Al, '

571436 (10x)
431 (10x)
432 (10x)
433 (10x)

Loaded 3/27/00

✓ BLK 1577 - B

J# 2322

| | | | |
|---|---|---|---|
| 64 | 69 | 570936 2.02 | Sample |
| 65 | 70 | 570983 2.13 | Sample |
| 66 | 71 | 570984 2.02 | Sample |
| 67 | 72 | 570986 2.12 | Sample |
| 68 | 73 | xxx | Sample |
| 69 | 4 | r blk | QC |
| 70 | 7 | ccv | QC |
| 71 | 74 | 570985 2.07 | Sample |
| 72 | 75 | 570987 2.14 | Sample |
| 73 | 76 | 571007 2.06 | Sample |
| 74 | 77 | 571008 2.19 | Sample |
| 75 | 78 | 571009 2.08 | Sample |
| 76 | 79 | 571560 2.09 | Sample |
| 77 | 80 | 571561 2.10 | Sample |
| 78 | 81 | 570934 2.21 | Sample |
| 79 | 82 | 571010 2.23 | Sample |
| 80 | 83 | xxx | Sample |
| 81 | 9 | rlvs | Sample |
| 82 | 4 | r blk | Sample |
| 83 | 11 | ics 1 | QC |
| 84 | 12 | ics 2 | QC |
| 85 | 13 | ics 3 | QC |
| 86 | 7 | ccv | Sample |

ethod: 6010jtt
esults: 3-26
ample Info: 3-26
ethod Description: 6010

IEC: 6010.IEC
Spectra Stored: Yes
User: User1

MSF:
Method Stored: Yes
Date: 3/26/00 3:29:37 PM

ean Data
D: Calib Blank 1

Seq. No.: 1
Data: Original

A/S Pos: 4
Date: 3/26/00 3:31:21 PM

| lement | Mean Corr. Intensity | Std.Dev. | RSD | Conc. | Calib Units |
|---|---|---|---|---|---|
| l 396.152 | -59.1 | 8.67 | 14.67% | 0 | mg/L |
| s 188.979 | -0.7 | 0.95 | 133.26% | 0 | mg/L |
| 208.959 | 14.6 | 3.47 | 23.72% | 0 | mg/L |
| a 233.527 | -86.5 | 2.87 | 3.32% | 0 | mg/L |
| e 313.107 | -803.7 | 9.25 | 1.15% | 0 | mg/L |
| d 214.438 | -72.2 | 5.14 | 7.12% | 0 | mg/L |
| o 228.616 | -5.2 | 4.84 | 92.56% | 0 | mg/L |
| r 267.716 | 44.1 | 1.90 | 4.31% | 0 | mg/L |
| u 324.754 | 329.1 | 27.76 | 8.44% | 0 | mg/L |
| e 238.204 | 103.1 | 7.37 | 7.15% | 0 | mg/L |
| n 25[illegible] 610 | 9.4 | 5.12 | 54.71% | 0 | mg/L |
| o 2[illegible]030 | 2.6 | 4.22 | 163.52% | 0 | mg/L |
| i 231.604 | 22.2 | 0.40 | 1.80% | 0 | mg/L |
| o 220.353 | -26.3 | 4.17 | 15.86% | 0 | mg/L |
| o 206.833 | 13.9 | 1.17 | 8.42% | 0 | mg/L |
| e 196.026 | -7.5 | 1.14 | 15.21% | 0 | mg/L |
| r 407.771 | -53.3 | 3.17 | 5.95% | 0 | mg/L |
| i 334.941 | -150.2 | 6.98 | 4.65% | 0 | mg/L |
| l 190.800 | -9.7 | 0.70 | 7.20% | 0 | mg/L |
| 292.402 | -20.7 | 3.19 | 15.38% | 0 | mg/L |
| n 213.856 | 159.0 | 0.36 | 0.23% | 0 | mg/L |
| g 279.079 | -30.6 | 3.92 | 12.81% | 0 | mg/L |
| a 317.933 | 142.0 | 9.21 | 6.49% | 0 | mg/L |
| n 189.933 | 16.3 | 1.22 | 7.46% | 0 | mg/L |
| i 251.611 | 201.4 | 14.79 | 7.34% | 0 | mg/L |
| g 328.068 | -148.2 | 3.68 | 2.49% | 0 | mg/L |

ean Data
D: Cstd1#M000307-02

Seq. No.: 2
Data: Original

A/S Pos: 2
Date: 3/26/00 3:37:44 PM

| leme | Mean Corr. Intensity | Std.Dev. | RSD | Conc. | Calib Units |
|---|---|---|---|---|---|
| l 396.152 | 11002.9 | 85.09 | 0.77% | 10 | mg/L |
| s 188.979 | 1432.6 | 6.13 | 0.43% | 10 | mg/L |
| 208.959 | 4257.6 | 32.55 | 0.76% | 5 | mg/L |
| a 233.527 | 57228.3 | 372.33 | 0.65% | 10 | mg/L |
| e 313.107 | 1630637.1 | 18446.62 | 1.13% | 5 | mg/L |
| d 214.438 | 43154.8 | 186.94 | 0.43% | 5.0 | mg/L |
| o 228.616 | 9628.0 | 73.17 | 0.76% | 5 | mg/L |
| r 267.716 | 101011.6 | 677.23 | 0.67% | 10 | mg/L |
| u 324.754 | 70154.3 | 435.03 | 0.62% | 5 | mg/L |
| e 238.204 | 44254.1 | 269.05 | 0.61% | 10 | mg/L |
| n 257.610 | 163739.3 | 1002.73 | 0.61% | 5 | mg/L |
| o 202.030 | 7109.9 | 50.72 | 0.71% | 5 | mg/L |
| i 231.604 | 22339.2 | 159.66 | 0.71% | 5 | mg/L |
| b 220.353 | 7404.5 | 47.16 | 0.64% | 10 | mg/L |
| b 206.833 | 1770.3 | 43.24 | 2.44% | 10 | mg/L |
| e 196.026 | 2314.3 | 12.26 | 0.53% | 10 | mg/L |
| r 407.771 | 3024681.3 | 32612.28 | 1.08% | 5 | mg/L |
| i 334.941 | 235445.6 | 1574.27 | 0.67% | 5 | mg/L |
| l 190.800 | 991.5 | 6.02 | 0.61% | 10 | mg/L |
| 292.402 | 56587.7 | 349.53 | 0.62% | 5 | mg/L |
| n 213.856 | 98753.2 | 626.21 | 0.63% | 10 | mg/L |

ean Data
D: Cstd2#M000309-04

Seq. No.: 3
Data: Original

A/S Pos: 1
Date: 3/26/00 3:43:28 PM

| Element | Mean Corr. Intensity | Std.Dev. | RSD | Conc. | Calib Units |
|---|---|---|---|---|---|
| Mg 279.079 | 9297.4 | 47.15 | 0.51% | 10 | mg/L |
| Ca 317.933 | -- 94570.5 | 261.85 | 0.28% | 10 | mg/L |

Mean Data ----------
ID: Cstd3#M000124-04 Seq. No.: 4 A/S Pos: 3
Data: Original Date: 3/26/00 3:48:47 PM

| Element | Mean Corr. Intensity | Std.Dev. | RSD | Conc. | Calib Units |
|---|---|---|---|---|---|
| Sn 189.933 | 5531.3 | 24.76 | 0.45% | 10.0 | mg/L |
| Si 251.611 | 22611.0 | 146.98 | 0.65% | 10.0 | mg/L |

Mean Data ----------
ID: Cstd4#M000223-01 Seq. No.: 5 A/S Pos: 5
Data: Original Date: 3/26/00 3:54:06 PM

| Element | Mean Corr. Intensity | Std.Dev. | RSD | Conc. | Calib Units |
|---|---|---|---|---|---|
| Ag 328.068 | 29871.7 | 323.45 | 1.08% | 2.0 | mg/L |

Calibration Summary ----------
Method: 6010jtt Date: 3/26/00 3:54:22 PM

| Element | Stds | Equation | Intercept | Slope | Curvature | Corr. Coeff. |
|---|---|---|---|---|---|---|
| Al 396.152 | 1 | Linear | -59.1 | 1106.2 | 0.00000 | 1.000000 |
| As 188.979 | 1 | Linear | -0.7 | 143.3 | 0.00000 | 1.000000 |
| B 208.959 | 1 | Linear | 14.6 | 848.6 | 0.00000 | 1.000000 |
| Ba 233.527 | 1 | Linear | -86.5 | 5731.5 | 0.00000 | 1.000000 |
| Be 313.107 | 1 | Linear | -803.7 | 326288.2 | 0.00000 | 1.000000 |
| Cd 214.438 | 1 | Linear | -72.2 | 8645.4 | 0.00000 | 1.000000 |
| Co 228.616 | 1 | Linear | -5.2 | 1926.6 | 0.00000 | 1.000000 |
| Cr 267.716 | 1 | Linear | 44.1 | 10096.7 | 0.00000 | 1.000000 |
| Cu 324.754 | 1 | Linear | 329.1 | 13965.0 | 0.00000 | 1.000000 |
| Fe 238.204 | 1 | Linear | 103.1 | 4415.1 | 0.00000 | 1.000000 |
| Mn 257.610 | 1 | Linear | 9.4 | 32746.0 | 0.00000 | 1.000000 |
| Mo 202.030 | 1 | Linear | 2.6 | 1421.5 | 0.00000 | 1.000000 |
| Ni 231.604 | 1 | Linear | 22.2 | 4463.4 | 0.00000 | 1.000000 |
| Pb 220.353 | 1 | Linear | -26.3 | 743.1 | 0.00000 | 1.000000 |
| Sb 206.833 | 1 | Linear | 13.9 | 175.6 | 0.00000 | 1.000000 |
| Se 196.026 | 1 | Linear | -7.5 | 232.2 | 0.00000 | 1.000000 |
| Sr 407.771 | 1 | Linear | -53.3 | 604946.9 | 0.00000 | 1.000000 |
| Ti 334.941 | 1 | Linear | -150.2 | 47119.2 | 0.00000 | 1.000000 |
| Tl 190.800 | 1 | Linear | -9.7 | 100.1 | 0.00000 | 1.000000 |
| V 292.402 | 1 | Linear | -20.7 | 11321.7 | 0.00000 | 1.000000 |
| Zn 213.856 | 1 | Linear | 159.0 | 9859.4 | 0.00000 | 1.000000 |
| Mg 279.079 | 1 | Linear | -30.6 | 932.8 | 0.00000 | 1.000000 |
| Ca 317.933 | 1 | Linear | 142.0 | 9442.8 | 0.00000 | 1.000000 |
| Sn 189.933 | 1 | Linear | 16.3 | 551.5 | 0.00000 | 1.000000 |
| Si 251.611 | 1 | Linear | 201.4 | 2241.0 | 0.00000 | 1.000000 |
| Ag 328.068 | 1 | Linear | -148.2 | 15009.9 | 0.00000 | 1.000000 |

Mean Data ----------
ID: r blk Seq. No.: 6 Sample No.: 1 A/S Pos: 4
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 4:00:01 PM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | -66.0 | -0.0062 | 0.00984 | mg/L | -0.0062 | 0.00984 | mg/L | 159.25% |
| As 188.979 | -4.3 | -0.0250 | 0.01112 | mg/L | -0.0250 | 0.01112 | mg/L | 44.42% |
| B 208.959 | 21.6 | 0.0082 | 0.00074 | mg/L | 0.0082 | 0.00074 | mg/L | 8.93% |
| Ba 233.527 | -80.0 | 0.0011 | 0.00039 | mg/L | 0.0011 | 0.00039 | mg/L | 33.76% |
| Be 313.107 | -782.3 | 0.0001 | 0.00007 | mg/L | 0.0001 | 0.00007 | mg/L | 100.08% |
| Cd 214.438 | -67.3 | 0.0006 | 0.00067 | mg/L | 0.0006 | 0.00067 | mg/L | 118.66% |
| Co 228.616 | -2.8 | 0.0013 | 0.00012 | mg/L | 0.0013 | 0.00012 | mg/L | 9.24% |
| Cr 267.716 | 34.2 | -0.0010 | 0.00052 | mg/L | -0.0010 | 0.00052 | mg/L | 53.26% |
| Cu 324.754 | 319.1 | -0.0007 | 0.00029 | mg/L | -0.0007 | 0.00029 | mg/L | 41.19% |
| Fe 238.204 | 101.5 | -0.0004 | 0.00044 | mg/L | -0.0004 | 0.00044 | mg/L | 124.15% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mn 257.610 | -0.2 | -0.0003 | 0.00022 mg/L | -0.0003 | 0.00022 mg/L | 76.41% |
| Mo 202.030 | 0.7 | -0.0013 | 0.00325 mg/L | -0.0013 | 0.00325 mg/L | 241.07% |
| Ni 231.604 | 17.8 | -0.0010 | 0.00074 mg/L | -0.0010 | 0.00074 mg/L | 75.07% |
| Pb 220.353 | -31.8 | -0.0074 | 0.00485 mg/L | -0.0074 | 0.00485 mg/L | 65.52% |
| Sb 206.833 | 12.1 | -0.0097 | 0.01362 mg/L | -0.0097 | 0.01362 mg/L | 139.79% |
| Se 196.026 | -9.8 | -0.0099 | 0.00985 mg/L | -0.0099 | 0.00985 mg/L | 99.72% |
| Sr 407.771 | -68.2 | 0.0000 | 0.00001 mg/L | 0.0000 | 0.00001 mg/L | 27.65% |
| Ti 334.941 | -138.7 | 0.0002 | 0.00005 mg/L | 0.0002 | 0.00005 mg/L | 19.63% |
| Tl 190.800 | -8.9 | 0.0076 | 0.01370 mg/L | 0.0076 | 0.01370 mg/L | 180.76% |
| V 292.402 | -9.3 | 0.0010 | 0.00141 mg/L | 0.0010 | 0.00141 mg/L | 139.43% |
| Zn 213.856 | 160.9 | 0.0002 | 0.00019 mg/L | 0.0002 | 0.00019 mg/L | 96.80% |
| Mg 279.079 | -36.8 | -0.0067 | 0.00898 mg/L | -0.0067 | 0.00898 mg/L | 134.06% |
| Ca 317.933 | 128.1 | -0.0015 | 0.00005 mg/L | -0.0015 | 0.00005 mg/L | 3.51% |
| Sn 189.933 | 18.5 | 0.0040 | 0.00879 mg/L | 0.0040 | 0.00879 mg/L | 221.37% |
| Si 251.611 | 192.2 | -0.0041 | 0.00129 mg/L | -0.0041 | 0.00129 mg/L | 31.48% |
| Ag 328.068 | -140.3 | 0.0005 | 0.00024 mg/L | 0.0005 | 0.00024 mg/L | 45.21% |

Mean Data ----------

ID: rlvs#m000321-03 Seq. No.: 7 Sample No.: 2 A/S Pos: 9
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 4:06:17 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al [illegible].152 | 40.4 | 0.0899 | 0.00769 | mg/L | 0.0899 | 0.00769 | mg/L | 8.55% |
| As 188.979 | 11.5 | 0.0853 | 0.00075 | mg/L | 0.0853 | 0.00075 | mg/L | 0.87% |
| B 208.959 | 63.5 | 0.0577 | 0.01038 | mg/L | 0.0577 | 0.01038 | mg/L | 18.00% |
| Ba 233.527 | 472.9 | 0.0976 | 0.00082 | mg/L | 0.0976 | 0.00082 | mg/L | 0.84% |
| Be 313.107 | 15129.4 | 0.0488 | 0.00061 | mg/L | 0.0488 | 0.00061 | mg/L | 1.26% |
| Cd 214.438 | 343.6 | 0.0481 | 0.00035 | mg/L | 0.0481 | 0.00035 | mg/L | 0.73% |
| Co 228.616 | 88.2 | 0.0485 | 0.00053 | mg/L | 0.0485 | 0.00053 | mg/L | 1.09% |
| Cr 267.716 | 1034.2 | 0.0981 | 0.00115 | mg/L | 0.0981 | 0.00115 | mg/L | 1.17% |
| Cu 324.754 | 981.2 | 0.0467 | 0.00168 | mg/L | 0.0467 | 0.00168 | mg/L | 3.60% |
| Fe 238.204 | 543.0 | 0.0996 | 0.00159 | mg/L | 0.0996 | 0.00159 | mg/L | 1.60% |
| Mn 257.610 | 1611.2 | 0.0489 | 0.00040 | mg/L | 0.0489 | 0.00040 | mg/L | 0.83% |
| Mo 202.030 | 69.8 | 0.0473 | 0.00105 | mg/L | 0.0473 | 0.00105 | mg/L | 2.22% |
| Ni 231.604 | 232.4 | 0.0471 | 0.00167 | mg/L | 0.0471 | 0.00167 | mg/L | 3.55% |
| Pb 220.353 | 47.9 | 0.0998 | 0.00308 | mg/L | 0.0998 | 0.00308 | mg/L | 3.08% |
| Sb 206.833 | 98.1 | 0.480 | 0.0172 | mg/L | 0.480 | 0.0172 | mg/L | 3.58% |
| Se 196.026 | 15.6 | 0.0995 | 0.00027 | mg/L | 0.0995 | 0.00027 | mg/L | 0.28% |
| Sr 407.771 | 29712.5 | 0.0492 | 0.00030 | mg/L | 0.0492 | 0.00030 | mg/L | 0.61% |
| Ti 334.941 | 2178.5 | 0.0494 | 0.00092 | mg/L | 0.0494 | 0.00092 | mg/L | 1.87% |
| Tl 190.800 | 6.1 | 0.157 | 0.0225 | mg/L | 0.157 | 0.0225 | mg/L | 14.29% |
| V 292.402 | 537.8 | 0.0493 | 0.00336 | mg/L | 0.0493 | 0.00336 | mg/L | 6.82% |
| Zn [illegible].856 | 1125.0 | 0.0980 | 0.00111 | mg/L | 0.0980 | 0.00111 | mg/L | 1.14% |
| Mg [illegible].079 | 924.4 | 1.02 | 0.011 | mg/L | 1.02 | 0.011 | mg/L | 1.12% |
| Ca 317.933 | 9845.5 | 1.03 | 0.011 | mg/L | 1.03 | 0.011 | mg/L | 1.11% |
| Sn 189.933 | 543.2 | 0.955 | 0.0056 | mg/L | 0.955 | 0.0056 | mg/L | 0.59% |
| Si 251.611 | 275.6 | 0.0331 | 0.00235 | mg/L | 0.0331 | 0.00235 | mg/L | 7.10% |
| Ag 328.068 | 623.3 | 0.0514 | 0.00115 | mg/L | 0.0514 | 0.00115 | mg/L | 2.24% |

Mean Data ----------

ID: icv #m000306-01 Seq. No.: 8 Sample No.: 3 A/S Pos: 10
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 4:12:23 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 1049.5 | 0.968 | 0.0126 | mg/L | 0.968 | 0.0126 | mg/L | 1.30% |
| As 188.979 | 142.4 | 0.999 | 0.0151 | mg/L | 0.999 | 0.0151 | mg/L | 1.52% |
| B 208.959 | 865.7 | 0.9688 | 0.00718 | mg/L | 0.9688 | 0.00718 | mg/L | 0.74% |
| Ba 233.527 | 5631.0 | 0.9976 | 0.00036 | mg/L | 0.9976 | 0.00036 | mg/L | 0.04% |
| Be 313.107 | 319702.8 | 0.9823 | 0.00538 | mg/L | 0.9823 | 0.00538 | mg/L | 0.55% |
| Cd 214.438 | 8391.0 | 0.9789 | 0.00751 | mg/L | 0.9789 | 0.00751 | mg/L | 0.77% |
| Co 228.616 | 1887.2 | 0.982 | 0.0064 | mg/L | 0.982 | 0.0064 | mg/L | 0.65% |
| Cr 267.716 | 10120.2 | 0.9980 | 0.00596 | mg/L | 0.9980 | 0.00596 | mg/L | 0.60% |
| Cu 324.754 | 14027.0 | 0.9809 | 0.00123 | mg/L | 0.9809 | 0.00123 | mg/L | 0.12% |
| Fe 238.204 | 4495.5 | 0.9949 | 0.00160 | mg/L | 0.9949 | 0.00160 | mg/L | 0.16% |
| Mn 257.610 | 32235.3 | 0.9841 | 0.00560 | mg/L | 0.9841 | 0.00560 | mg/L | 0.57% |
| Mo 202.030 | 1411.7 | 0.991 | 0.0107 | mg/L | 0.991 | 0.0107 | mg/L | 1.07% |
| Ni 231.604 | 4404.0 | 0.9817 | 0.00910 | mg/L | 0.9817 | 0.00910 | mg/L | 0.93% |
| Pb 220.353 | 704.0 | 0.9827 | 0.00139 | mg/L | 0.9827 | 0.00139 | mg/L | 0.14% |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Sb 206.833 | 198.0 | 1.05 | 0.019 | mg/L | 1.05 | 0.019 | mg/L | 1.81% |
| Se 196.026 | 220.5 | 0.982 | 0.0073 | mg/L | 0.982 | 0.0073 | mg/L | 0.74% |
| Sr 407.771 | 600124.8 | 0.9921 | 0.00456 | mg/L | 0.9921 | 0.00456 | mg/L | 0.46% |
| Ti 334.941 | 47147.4 | 1.004 | 0.0073 | mg/L | 1.004 | 0.0073 | mg/L | 0.73% |
| Tl 190.800 | 89.4 | 0.990 | 0.0211 | mg/L | 0.990 | 0.0211 | mg/L | 2.14% |
| V 292.402 | 11181.2 | 1.002 | 0.0055 | mg/L | 1.002 | 0.0055 | mg/L | 0.55% |
| Zn 213.856 | 10026.8 | 1.001 | 0.0074 | mg/L | 1.001 | 0.0074 | mg/L | 0.74% |
| Mg 279.079 | 902.8 | 1.00 | 0.000 | mg/L | 1.00 | 0.000 | mg/L | 0.02% |
| Ca 317.933 | 9946.4 | 1.04 | 0.006 | mg/L | 1.04 | 0.006 | mg/L | 0.57% |
| Sn 189.933 | 1126.0 | 2.01 | 0.008 | mg/L | 2.01 | 0.008 | mg/L | 0.41% |
| Si 251.611 | 2716.5 | 1.12 | 0.026 | mg/L | 1.12 | 0.026 | mg/L | 2.34% |
| Ag 328.068 | 16068.9 | 1.08 | 0.007 | mg/L | 1.08 | 0.007 | mg/L | 0.69% |

Mean Data ----------

ID: HCS Seq. No.: 9 Sample No.: 4 A/S Pos: 2
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 4:18:37 PM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 10908.6 | 9.74 | 0.096 | mg/L | 9.74 | 0.096 | mg/L | 0.98% |
| As 188.979 | 1422.7 | 9.88 | 0.051 | mg/L | 9.88 | 0.051 | mg/L | 0.51% |
| B 208.959 | 4242.3 | 4.809 | 0.0442 | mg/L | 4.809 | 0.0442 | mg/L | 0.92% |
| Ba 233.527 | 56480.0 | 9.875 | 0.0528 | mg/L | 9.875 | 0.0528 | mg/L | 0.53% |
| Be 313.107 | 1630477.9 | 5.000 | 0.0682 | mg/L | 5.000 | 0.0682 | mg/L | 1.36% |
| Cd 214.438 | 42678.4 | 4.945 | 0.0216 | mg/L | 4.945 | 0.0216 | mg/L | 0.44% |
| Co 228.616 | 9628.8 | 5.00 | 0.035 | mg/L | 5.00 | 0.035 | mg/L | 0.70% |
| Cr 267.716 | 100143.4 | 9.914 | 0.0501 | mg/L | 9.914 | 0.0501 | mg/L | 0.51% |
| Cu 324.754 | 69588.1 | 4.959 | 0.0311 | mg/L | 4.959 | 0.0311 | mg/L | 0.63% |
| Fe 238.204 | 43746.0 | 9.885 | 0.0526 | mg/L | 9.885 | 0.0526 | mg/L | 0.53% |
| Mn 257.610 | 163083.3 | 4.980 | 0.0239 | mg/L | 4.980 | 0.0239 | mg/L | 0.48% |
| Mo 202.030 | 7124.9 | 5.01 | 0.032 | mg/L | 5.01 | 0.032 | mg/L | 0.64% |
| Ni 231.604 | 22111.5 | 4.949 | 0.0108 | mg/L | 4.949 | 0.0108 | mg/L | 0.22% |
| Pb 220.353 | 7400.1 | 9.994 | 0.0532 | mg/L | 9.994 | 0.0532 | mg/L | 0.53% |
| Sb 206.833 | 1762.5 | 9.77 | 0.180 | mg/L | 9.77 | 0.180 | mg/L | 1.84% |
| Se 196.026 | 2298.2 | 9.93 | 0.028 | mg/L | 9.93 | 0.028 | mg/L | 0.28% |
| Sr 407.771 | 3025004.1 | 5.001 | 0.0654 | mg/L | 5.001 | 0.0654 | mg/L | 1.31% |
| Ti 334.941 | 237290.1 | 5.039 | 0.0738 | mg/L | 5.039 | 0.0738 | mg/L | 1.47% |
| Tl 190.800 | 988.1 | 9.91 | 0.067 | mg/L | 9.91 | 0.067 | mg/L | 0.67% |
| V 292.402 | 55823.9 | 5.036 | 0.0265 | mg/L | 5.036 | 0.0265 | mg/L | 0.53% |
| Zn 213.856 | 97912.3 | 9.887 | 0.0547 | mg/L | 9.887 | 0.0547 | mg/L | 0.55% |
| Mg 279.079 | -129.4 | -0.0341 | 0.01887 | mg/L | -0.0341 | 0.01887 | mg/L | 55.42% |
| Ca 317.933 | 428.0 | 0.0303 | 0.00076 | mg/L | 0.0303 | 0.00076 | mg/L | 2.51% |
| Sn 189.933 | 21.3 | 0.0090 | 0.00698 | mg/L | 0.0090 | 0.00698 | mg/L | 77.64% |
| Si 251.611 | 429.0 | 0.102 | 0.0061 | mg/L | 0.102 | 0.0061 | mg/L | 6.00% |
| Ag 328.068 | -353.2 | -0.0137 | 0.00063 | mg/L | -0.0137 | 0.00063 | mg/L | 4.58% |

Mean Data ----------

ID: ics A#m000321-01 Seq. No.: 10 Sample No.: 5 A/S Pos: 11
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 4:24:52 PM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 265309.2 | 240 | 0.7 | mg/L | 240 | 0.7 | mg/L | 0.31% |
| As 188.979 | -1.8 | -0.0350 | 0.00814 | mg/L | -0.0350 | 0.00814 | mg/L | 23.22% |
| B 208.959 | 45.7 | 0.0102 | 0.00619 | mg/L | 0.0102 | 0.00619 | mg/L | 60.87% |
| Ba 233.527 | -146.0 | -0.0013 | 0.00095 | mg/L | -0.0013 | 0.00095 | mg/L | 71.35% |
| Be 313.107 | -763.2 | 0.0001 | 0.00012 | mg/L | 0.0001 | 0.00012 | mg/L | 94.08% |
| Cd 214.438 | -84.4 | 0.0042 | 0.00077 | mg/L | 0.0042 | 0.00077 | mg/L | 18.14% |
| Co 228.616 | 0.1 | 0.0027 | 0.00025 | mg/L | 0.0027 | 0.00025 | mg/L | 9.01% |
| Cr 267.716 | 95.7 | 0.0122 | 0.00084 | mg/L | 0.0122 | 0.00084 | mg/L | 6.86% |
| Cu 324.754 | 426.4 | -0.0020 | 0.00192 | mg/L | -0.0020 | 0.00192 | mg/L | 94.05% |
| Fe 238.204 | 413516.5 | 93.63 | 0.237 | mg/L | 93.63 | 0.237 | mg/L | 0.25% |
| Mn 257.610 | 89.9 | -0.0011 | 0.00003 | mg/L | -0.0011 | 0.00003 | mg/L | 3.01% |
| Mo 202.030 | 5.9 | 0.0024 | 0.00004 | mg/L | 0.0024 | 0.00004 | mg/L | 1.79% |
| Ni 231.604 | 21.3 | -0.0002 | 0.00089 | mg/L | -0.0002 | 0.00089 | mg/L | 441.02% |
| Pb 220.353 | -57.1 | 0.0152 | 0.00601 | mg/L | 0.0152 | 0.00601 | mg/L | 39.41% |
| Sb 206.833 | 25.2 | 0.106 | 0.0196 | mg/L | 0.106 | 0.0196 | mg/L | 18.53% |
| Se 196.026 | -8.6 | -0.0047 | 0.00283 | mg/L | -0.0047 | 0.00283 | mg/L | 59.94% |
| Sr 407.771 | 5248.8 | -0.0009 | 0.00008 | mg/L | -0.0009 | 0.00008 | mg/L | 8.44% |
| Ti 334.941 | -23.2 | 0.0027 | 0.00172 | mg/L | 0.0027 | 0.00172 | mg/L | 63.68% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Tl 190.800 | -14.4 | -0.0331 | 0.01835 mg/L | -0.0331 | 0.01835 mg/L | 55.45% |
| V 292.402 | 199.7 | 0.0031 | 0.00083 mg/L | 0.0031 | 0.00083 mg/L | 26.85% |
| Zn 213.856 | 568.3 | -0.0024 | 0.00043 mg/L | -0.0024 | 0.00043 mg/L | 17.84% |
| Mg 279.079 | 234469.6 | 251 | 0.9 mg/L | 251 | 0.9 mg/L | 0.35% |
| Ca 317.933 | 2308043.8 | 244 | 0.5 mg/L | 244 | 0.5 mg/L | 0.22% |
| Sn 189.933 | 15.8 | -0.0010 | 0.00441 mg/L | -0.0010 | 0.00441 mg/L | 443.28% |
| Si 251.611 | 377.7 | 0.0787 | 0.00206 mg/L | 0.0787 | 0.00206 mg/L | 2.62% |
| Ag 328.068 | -209.0 | -0.0041 | 0.00187 mg/L | -0.0041 | 0.00187 mg/L | 46.19% |

Mean Data ----------

ID: ics AB#m000313-01 Seq. No.: 11 Sample No.: 6 A/S Pos: 12
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 4:31:10 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 261607.9 | 236 | 2.3 | mg/L | 236 | 2.3 | mg/L | 0.95% |
| As 188.979 | 71.2 | 0.475 | 0.0025 | mg/L | 0.475 | 0.0025 | mg/L | 0.52% |
| B 208.959 | 455.5 | 0.4769 | 0.00361 | mg/L | 0.4769 | 0.00361 | mg/L | 0.76% |
| Ba 233.527 | 2547.4 | 0.4685 | 0.00311 | mg/L | 0.4685 | 0.00311 | mg/L | 0.66% |
| Be 313.107 | 154684.1 | 0.4765 | 0.00381 | mg/L | 0.4765 | 0.00381 | mg/L | 0.80% |
| Cd 214.438 | 3821.0 | 0.4559 | 0.00437 | mg/L | 0.4559 | 0.00437 | mg/L | 0.96% |
| Co 228.616 | 877.0 | 0.458 | 0.0003 | mg/L | 0.458 | 0.0003 | mg/L | 0.06% |
| Cr [illegible].716 | 4865.8 | 0.4846 | 0.00054 | mg/L | 0.4846 | 0.00054 | mg/L | 0.11% |
| Cu [illegible].754 | 6891.7 | 0.4610 | 0.00656 | mg/L | 0.4610 | 0.00656 | mg/L | 1.42% |
| Fe 238.204 | 409254.2 | 92.67 | 0.828 | mg/L | 92.67 | 0.828 | mg/L | 0.89% |
| Mn 257.610 | 15547.8 | 0.4710 | 0.00410 | mg/L | 0.4710 | 0.00410 | mg/L | 0.87% |
| Mo 202.030 | 679.6 | 0.476 | 0.0018 | mg/L | 0.476 | 0.0018 | mg/L | 0.37% |
| Ni 231.604 | 2042.8 | 0.4527 | 0.00243 | mg/L | 0.4527 | 0.00243 | mg/L | 0.54% |
| Pb 220.353 | 281.1 | 0.4695 | 0.00508 | mg/L | 0.4695 | 0.00508 | mg/L | 1.08% |
| Sb 206.833 | 107.0 | 0.571 | 0.0066 | mg/L | 0.571 | 0.0066 | mg/L | 1.15% |
| Se 196.026 | 97.0 | 0.450 | 0.0260 | mg/L | 0.450 | 0.0260 | mg/L | 5.78% |
| Sr 407.771 | 296983.8 | 0.4814 | 0.00389 | mg/L | 0.4814 | 0.00389 | mg/L | 0.81% |
| Ti 334.941 | 22986.1 | 0.4910 | 0.00411 | mg/L | 0.4910 | 0.00411 | mg/L | 0.84% |
| Tl 190.800 | 31.7 | 0.427 | 0.0159 | mg/L | 0.427 | 0.0159 | mg/L | 3.73% |
| V 292.402 | 5632.0 | 0.4831 | 0.00452 | mg/L | 0.4831 | 0.00452 | mg/L | 0.93% |
| Zn 213.856 | 5165.8 | 0.4644 | 0.00349 | mg/L | 0.4644 | 0.00349 | mg/L | 0.75% |
| Mg 279.079 | 231778.2 | 248 | 2.3 | mg/L | 248 | 2.3 | mg/L | 0.91% |
| Ca 317.933 | 2279328.5 | 241 | 2.1 | mg/L | 241 | 2.1 | mg/L | 0.88% |
| Sn 189.933 | 10232.4 | 18.5 | 0.16 | mg/L | 18.5 | 0.16 | mg/L | 0.87% |
| Si 251.611 | 1286.3 | 0.484 | 0.0074 | mg/L | 0.484 | 0.0074 | mg/L | 1.53% |
| Ag 328.068 | 7728.4 | 0.525 | 0.0044 | mg/L | 0.525 | 0.0044 | mg/L | 0.83% |

Mean Data ----------

ID: s C#m000307-01 Seq. No.: 12 Sample No.: 7 A/S Pos: 13
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 4:37:26 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 707.6 | -0.0143 | 0.02707 | mg/L | -0.0143 | 0.02707 | mg/L | 188.96% |
| As 188.979 | 26.6 | -0.0752 | 0.00924 | mg/L | -0.0752 | 0.00924 | mg/L | 12.28% |
| B 208.959 | 614.4 | 0.0236 | 0.01094 | mg/L | 0.0236 | 0.01094 | mg/L | 46.26% |
| Ba 233.527 | -340.7 | -0.0037 | 0.00244 | mg/L | -0.0037 | 0.00244 | mg/L | 65.21% |
| Be 313.107 | -1200.0 | 0.0004 | 0.00001 | mg/L | 0.0004 | 0.00001 | mg/L | 3.76% |
| Cd 214.438 | -79.0 | -0.0008 | 0.00007 | mg/L | -0.0008 | 0.00007 | mg/L | 9.43% |
| Co 228.616 | -15.8 | 0.0136 | 0.00265 | mg/L | 0.0136 | 0.00265 | mg/L | 19.45% |
| Cr 267.716 | 497803.1 | 49.24 | 0.270 | mg/L | 49.24 | 0.270 | mg/L | 0.55% |
| Cu 324.754 | 526207.5 | 37.65 | 0.196 | mg/L | 37.65 | 0.196 | mg/L | 0.52% |
| Fe 238.204 | 220.4 | 0.0266 | 0.00083 | mg/L | 0.0266 | 0.00083 | mg/L | 3.12% |
| Mn 257.610 | 1607136.6 | 49.08 | 0.255 | mg/L | 49.08 | 0.255 | mg/L | 0.52% |
| Mo 202.030 | 28197.5 | 19.8 | 0.40 | mg/L | 19.8 | 0.40 | mg/L | 2.03% |
| Ni 231.604 | 213473.1 | 47.82 | 0.251 | mg/L | 47.82 | 0.251 | mg/L | 0.52% |
| Pb 220.353 | -46.9 | -0.0045 | 0.00249 | mg/L | -0.0045 | 0.00249 | mg/L | 55.22% |
| Sb 206.833 | 183.2 | 0.0387 | 0.00279 | mg/L | 0.0387 | 0.00279 | mg/L | 7.22% |
| Se 196.026 | -7.2 | 0.0013 | 0.03594 | mg/L | 0.0013 | 0.03594 | mg/L | >999.9% |
| Sr 407.771 | 124.7 | -0.0078 | 0.00006 | mg/L | -0.0078 | 0.00006 | mg/L | 0.72% |
| Ti 334.941 | 764.1 | 0.0046 | 0.00050 | mg/L | 0.0046 | 0.00050 | mg/L | 10.91% |
| Tl 190.800 | -26.2 | -0.171 | 0.0467 | mg/L | -0.171 | 0.0467 | mg/L | 27.27% |
| V 292.402 | -4608.8 | 0.0488 | 0.00103 | mg/L | 0.0488 | 0.00103 | mg/L | 2.11% |
| Zn 213.856 | 2621.9 | -0.0011 | 0.00038 | mg/L | -0.0011 | 0.00038 | mg/L | 35.90% |
| Mg 279.079 | -420.9 | -0.0137 | 0.00986 | mg/L | -0.0137 | 0.00986 | mg/L | 72.06% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Ca 317.933 | 517.0 | 0.0005 | 0.00154 mg/L | 0.0005 | 0.00154 mg/L | 282.43% |
| Sn 189.933 | 43.2 | 0.0486 | 0.01951 mg/L | 0.0486 | 0.01951 mg/L | 40.13% |
| Si 251.611 | 755.8 | 0.201 | 0.0047 mg/L | 0.201 | 0.0047 mg/L | 2.34% |
| Ag 328.068 | -94.0 | 0.0036 | 0.00104 mg/L | 0.0036 | 0.00104 mg/L | 28.85% |

Mean Data ----------

ID: ccv #m000307-03 Seq. No.: 13 Sample No.: 8 A/S Pos: 7
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 4:46:42 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 2038.5 | 1.86 | 0.003 | mg/L | 1.86 | 0.003 | mg/L | 0.17% |
| As 188.979 | 285.0 | 1.98 | 0.011 | mg/L | 1.98 | 0.011 | mg/L | 0.55% |
| B 208.959 | 864.2 | 0.9671 | 0.01334 | mg/L | 0.9671 | 0.01334 | mg/L | 1.38% |
| Ba 233.527 | 11009.6 | 1.936 | 0.0150 | mg/L | 1.936 | 0.0150 | mg/L | 0.77% |
| Be 313.107 | 316487.9 | 0.9724 | 0.00595 | mg/L | 0.9724 | 0.00595 | mg/L | 0.61% |
| Cd 214.438 | 8260.1 | 0.9638 | 0.01000 | mg/L | 0.9638 | 0.01000 | mg/L | 1.04% |
| Co 228.616 | 1872.5 | 0.975 | 0.0017 | mg/L | 0.975 | 0.0017 | mg/L | 0.18% |
| Cr 267.716 | 19621.6 | 1.939 | 0.0196 | mg/L | 1.939 | 0.0196 | mg/L | 1.01% |
| Cu 324.754 | 13953.4 | 0.9756 | 0.01104 | mg/L | 0.9756 | 0.01104 | mg/L | 1.13% |
| Fe 238.204 | 8700.0 | 1.947 | 0.0184 | mg/L | 1.947 | 0.0184 | mg/L | 0.94% |
| Mn 257.610 | 31781.6 | 0.9703 | 0.00810 | mg/L | 0.9703 | 0.00810 | mg/L | 0.83% |
| Mo 202.030 | 1408.0 | 0.989 | 0.0002 | mg/L | 0.989 | 0.0002 | mg/L | 0.02% |
| Ni 231.604 | 4336.5 | 0.9666 | 0.01197 | mg/L | 0.9666 | 0.01197 | mg/L | 1.24% |
| Pb 220.353 | 1426.7 | 1.955 | 0.0198 | mg/L | 1.955 | 0.0198 | mg/L | 1.01% |
| Sb 206.833 | 357.5 | 1.92 | 0.016 | mg/L | 1.92 | 0.016 | mg/L | 0.84% |
| Se 196.026 | 447.2 | 1.96 | 0.002 | mg/L | 1.96 | 0.002 | mg/L | 0.09% |
| Sr 407.771 | 589478.7 | 0.9745 | 0.00493 | mg/L | 0.9745 | 0.00493 | mg/L | 0.51% |
| Ti 334.941 | 45460.6 | 0.9680 | 0.00828 | mg/L | 0.9680 | 0.00828 | mg/L | 0.85% |
| Tl 190.800 | 186.7 | 1.96 | 0.014 | mg/L | 1.96 | 0.014 | mg/L | 0.71% |
| V 292.402 | 10946.8 | 0.9809 | 0.00831 | mg/L | 0.9809 | 0.00831 | mg/L | 0.85% |
| Zn 213.856 | 19222.9 | 1.934 | 0.0202 | mg/L | 1.934 | 0.0202 | mg/L | 1.04% |
| Mg 279.079 | 1855.8 | 2.02 | 0.016 | mg/L | 2.02 | 0.016 | mg/L | 0.80% |
| Ca 317.933 | 19414.0 | 2.04 | 0.020 | mg/L | 2.04 | 0.020 | mg/L | 0.98% |
| Sn 189.933 | 1126.4 | 2.01 | 0.017 | mg/L | 2.01 | 0.017 | mg/L | 0.85% |
| Si 251.611 | 4911.1 | 2.10 | 0.023 | mg/L | 2.10 | 0.023 | mg/L | 1.07% |
| Ag 328.068 | 16176.7 | 1.09 | 0.010 | mg/L | 1.09 | 0.010 | mg/L | 0.91% |

Mean Data ----------

ID: blk 1581 Seq. No.: 14 Sample No.: 9 A/S Pos: 27
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 4:53:06 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | -53.6 | 0.0050 | 0.00584 | mg/L | 0.0050 | 0.00584 | mg/L | 116.66% |
| As 188.979 | 0.0 | 0.0052 | 0.01314 | mg/L | 0.0052 | 0.01314 | mg/L | 252.37% |
| B 208.959 | 48.9 | 0.0404 | 0.00200 | mg/L | 0.0404 | 0.00200 | mg/L | 4.95% |
| Ba 233.527 | -78.3 | 0.0014 | 0.00038 | mg/L | 0.0014 | 0.00038 | mg/L | 26.22% |
| Be 313.107 | -759.4 | 0.0001 | 0.00004 | mg/L | 0.0001 | 0.00004 | mg/L | 28.60% |
| Cd 214.438 | -65.3 | 0.0008 | 0.00013 | mg/L | 0.0008 | 0.00013 | mg/L | 16.50% |
| Co 228.616 | -4.6 | 0.0003 | 0.00094 | mg/L | 0.0003 | 0.00094 | mg/L | 268.58% |
| Cr 267.716 | 49.4 | 0.0005 | 0.00053 | mg/L | 0.0005 | 0.00053 | mg/L | 100.73% |
| Cu 324.754 | 443.7 | 0.0082 | 0.00050 | mg/L | 0.0082 | 0.00050 | mg/L | 6.10% |
| Fe 238.204 | 242.1 | 0.0315 | 0.00002 | mg/L | 0.0315 | 0.00002 | mg/L | 0.07% |
| Mn 257.610 | 47.7 | 0.0012 | 0.00001 | mg/L | 0.0012 | 0.00001 | mg/L | 0.48% |
| Mo 202.030 | 7.1 | 0.0032 | 0.00001 | mg/L | 0.0032 | 0.00001 | mg/L | 0.26% |
| Ni 231.604 | 19.9 | -0.0005 | 0.00109 | mg/L | -0.0005 | 0.00109 | mg/L | 219.91% |
| Pb 220.353 | -23.4 | 0.0040 | 0.00089 | mg/L | 0.0040 | 0.00089 | mg/L | 22.43% |
| Sb 206.833 | 17.7 | 0.0218 | 0.01073 | mg/L | 0.0218 | 0.01073 | mg/L | 49.20% |
| Se 196.026 | -5.8 | 0.0071 | 0.00154 | mg/L | 0.0071 | 0.00154 | mg/L | 21.77% |
| Sr 407.771 | 16.7 | 0.0001 | 0.00004 | mg/L | 0.0001 | 0.00004 | mg/L | 35.52% |
| Ti 334.941 | -77.9 | 0.0015 | 0.00073 | mg/L | 0.0015 | 0.00073 | mg/L | 47.53% |
| Tl 190.800 | -13.0 | -0.0333 | 0.02225 | mg/L | -0.0333 | 0.02225 | mg/L | 66.72% |
| V 292.402 | -20.6 | 0.0000 | 0.00013 | mg/L | 0.0000 | 0.00013 | mg/L | >999.9% |
| Zn 213.856 | 212.5 | 0.0054 | 0.00031 | mg/L | 0.0054 | 0.00031 | mg/L | 5.78% |
| Mg 279.079 | -8.7 | 0.0235 | 0.00172 | mg/L | 0.0235 | 0.00172 | mg/L | 7.30% |
| Ca 317.933 | 828.6 | 0.0727 | 0.00095 | mg/L | 0.0727 | 0.00095 | mg/L | 1.31% |
| Sn 189.933 | 31.0 | 0.0266 | 0.00008 | mg/L | 0.0266 | 0.00008 | mg/L | 0.30% |
| Si 251.611 | 581.7 | 0.170 | 0.0047 | mg/L | 0.170 | 0.0047 | mg/L | 2.75% |
| Ag 328.068 | -132.2 | 0.0011 | 0.00050 | mg/L | 0.0011 | 0.00050 | mg/L | 47.00% |

ean Data

D: lcs 1581 Seq. No.: 15 Sample No.: 10 A/S Pos: 28
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 4:59:32 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 535.5 | 0.520 | 0.0220 | mg/L | 0.520 | 0.0220 | mg/L | 4.24% |
| s 188.979 | 74.6 | 0.526 | 0.0073 | mg/L | 0.526 | 0.0073 | mg/L | 1.40% |
| 208.959 | 480.0 | 0.5307 | 0.00719 | mg/L | 0.5307 | 0.00719 | mg/L | 1.35% |
| a 233.527 25.3 | 2815.2 | 0.5063 | 0.00274 | mg/L | 0.5063 | 0.00274 | mg/L | 0.54% |
| e 313.107 25.3 | 164217.1 | 0.5058 | 0.00709 | mg/L | 0.5058 | 0.00709 | mg/L | 1.40% |
| d 214.438 25.2 | 4280.5 | 0.5035 | 0.00635 | mg/L | 0.5035 | 0.00635 | mg/L | 1.26% |
| o 228.616 25.3 | 970.1 | 0.506 | 0.0038 | mg/L | 0.506 | 0.0038 | mg/L | 0.76% |
| r 267.716 25.6 | 5215.4 | 0.5122 | 0.00496 | mg/L | 0.5122 | 0.00496 | mg/L | 0.97% |
| u 324.754 25.9 | 7566.5 | 0.5183 | 0.00522 | mg/L | 0.5183 | 0.00522 | mg/L | 1.01% |
| e 238.204 | 2467.6 | 0.5355 | 0.00279 | mg/L | 0.5355 | 0.00279 | mg/L | 0.52% |
| n 257.610 | 16678.7 | 0.5090 | 0.00503 | mg/L | 0.5090 | 0.00503 | mg/L | 0.99% |
| o 202.030 | 735.0 | 0.515 | 0.0017 | mg/L | 0.515 | 0.0017 | mg/L | 0.34% |
| i 231.604 25.3 | 2282.8 | 0.5065 | 0.00205 | mg/L | 0.5065 | 0.00205 | mg/L | 0.40% |
| b 220.353 25.5 | 353.3 | 0.5108 | 0.01035 | mg/L | 0.5108 | 0.01035 | mg/L | 2.03% |
| b 206.833 26.7 | 107.5 | 0.533 | 0.0181 | mg/L | 0.533 | 0.0181 | mg/L | 3.39% |
| e 1 026 | 108.3 | 0.499 | 0.0069 | mg/L | 0.499 | 0.0069 | mg/L | 1.39% |
| r 4 771 | 306738.4 | 0.5071 | 0.00677 | mg/L | 0.5071 | 0.00677 | mg/L | 1.34% |
| i 334.941 | 24255.1 | 0.5179 | 0.00827 | mg/L | 0.5179 | 0.00827 | mg/L | 1.60% |
| l 190.800 | 40.8 | 0.504 | 0.0063 | mg/L | 0.504 | 0.0063 | mg/L | 1.25% |
| 292.402 25.5 | 5757.2 | 0.5103 | 0.00574 | mg/L | 0.5103 | 0.00574 | mg/L | 1.12% |
| n 213.856 26.0 | 5288.9 | 0.5203 | 0.00750 | mg/L | 0.5203 | 0.00750 | mg/L | 1.44% |
| g 279.079 | 452.6 | 0.518 | 0.0118 | mg/L | 0.518 | 0.0118 | mg/L | 2.28% |
| a 317.933 | 5487.2 | 0.566 | 0.0064 | mg/L | 0.566 | 0.0064 | mg/L | 1.12% |
| n 189.933 46.5 | 529.3 | 0.930 | 0.0122 | mg/L | 0.930 | 0.0122 | mg/L | 1.31% |
| i 251.611 | 1969.0 | 0.789 | 0.0103 | mg/L | 0.789 | 0.0103 | mg/L | 1.31% |
| g 328.068 | 8181.5 | 0.555 | 0.0051 | mg/L | 0.555 | 0.0051 | mg/L | 0.91% |

lean Data

D: 571430rd 2.13 Seq. No.: 16 Sample No.: 11 A/S Pos: 29
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 5:05:49 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 54187.1 | 48.7 | 0.77 | mg/L | 48.7 | 0.77 | mg/L | 1.59% |
| s 188.979 | 5.6 | 0.0151 | 0.00095 | mg/L | 0.0151 | 0.00095 | mg/L | 6.30% |
| 20 59 62 | 149.6 | 0.1313 | 0.00569 | mg/L | 0.1313 | 0.00569 | mg/L | 4.34% |
| a 233.527 | 2309.9 | 0.4276 | 0.00164 | mg/L | 0.4276 | 0.00164 | mg/L | 0.38% |
| e 313.107 | 366.7 | 0.0036 | 0.00007 | mg/L | 0.0036 | 0.00007 | mg/L | 2.03% |
| d 214.438 | 14.2 | 0.0100 | 0.00087 | mg/L | 0.0100 | 0.00087 | mg/L | 8.71% |
| o 228.616 | 64.1 | 0.0360 | 0.00033 | mg/L | 0.0360 | 0.00033 | mg/L | 0.93% |
| r 267.716 | 990.9 | 0.1013 | 0.00243 | mg/L | 0.1013 | 0.00243 | mg/L | 2.40% |
| u 324.754 | 2215.8 | 0.1257 | 0.00284 | mg/L | 0.1257 | 0.00284 | mg/L | 2.26% |
| e 238.204 | 433308.4 | 98.11 | 0.452 | mg/L | 98.11 | 0.452 | mg/L | 0.46% |
| n 257.610 | 37634.4 | 1.145 | 0.0164 | mg/L | 1.145 | 0.0164 | mg/L | 1.43% |
| o 202.030 | 14.0 | 0.0080 | 0.00086 | mg/L | 0.0080 | 0.00086 | mg/L | 10.76% |
| i 231.604 | 375.4 | 0.0791 | 0.00015 | mg/L | 0.0791 | 0.00015 | mg/L | 0.18% |
| b 220.353 | 111.2 | 0.1850 | 0.00077 | mg/L | 0.1850 | 0.00077 | mg/L | 0.42% |
| b 206.833 | 15.4 | 0.0523 | 0.01070 | mg/L | 0.0523 | 0.01070 | mg/L | 20.47% |
| e 196.026 | -6.2 | 0.0054 | 0.00791 | mg/L | 0.0054 | 0.00791 | mg/L | 147.04% |
| r 407.771 | 164519.1 | 0.2600 | 0.00111 | mg/L | 0.2600 | 0.00111 | mg/L | 0.43% |
| i 334.941 | 54392.6 | 1.158 | 0.0203 | mg/L | 1.158 | 0.0203 | mg/L | 1.76% |
| l 190.800 | -8.9 | -0.0511 | 0.04276 | mg/L | -0.0511 | 0.04276 | mg/L | 83.65% |
| 292.402 | 1342.1 | 0.1032 | 0.00033 | mg/L | 0.1032 | 0.00033 | mg/L | 0.32% |
| n 213.856 | 4708.0 | 0.3850 | 0.00428 | mg/L | 0.3850 | 0.00428 | mg/L | 1.11% |
| g 279.079 | 237414.4 | 255 | 1.5 | mg/L | 255 | 1.5 | mg/L | 0.60% |
| a 317.933 | 4930879.6 | 522 | 2.4 | mg/L | 522 | 2.4 | mg/L | 0.47% |
| n 189.933 | 34.0 | 0.0320 | 0.00143 | mg/L | 0.0320 | 0.00143 | mg/L | 4.49% |
| i 251.611 | 97380.6 | 43.4 | 0.86 | mg/L | 43.4 | 0.86 | mg/L | 1.98% |
| g 328.068 | -279.8 | -0.0088 | 0.00126 | mg/L | -0.0088 | 0.00126 | mg/L | 14.36% |

lean Data

D: 571431rd 2.12 Seq. No.: 17 Sample No.: 12 A/S Pos: 30
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0

Data: Original Date: 3/26/00 5:12:07 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 62719.8 | 56.6 | 0.56 | mg/L | 56.6 | 0.56 | mg/L | 0.98% |
| s 188.979 | -0.5 | 0.0018 | 0.01141 | mg/L | 0.0018 | 0.01141 | mg/L | 622.88% |
| 208.959 | 348.0 | 0.3712 | 0.00297 | mg/L | 0.3712 | 0.00297 | mg/L | 0.80% |
| a 233.527 | 12763.3 | 2.249 | 0.0256 | mg/L | 2.249 | 0.0256 | mg/L | 1.14% |
| e 313.107 | 435.4 | 0.0038 | 0.00014 | mg/L | 0.0038 | 0.00014 | mg/L | 3.65% |
| d 214.438 | -2.6 | 0.0080 | 0.00030 | mg/L | 0.0080 | 0.00030 | mg/L | 3.78% |
| o 228.616 | 35.9 | 0.0213 | 0.00251 | mg/L | 0.0213 | 0.00251 | mg/L | 11.77% |
| r 267.716 | 807.5 | 0.0756 | 0.00028 | mg/L | 0.0756 | 0.00028 | mg/L | 0.37% |
| u 324.754 | 1856.7 | 0.1020 | 0.00067 | mg/L | 0.1020 | 0.00067 | mg/L | 0.66% |
| e 238.204 | 338676.8 | 76.69 | 1.531 | mg/L | 76.69 | 1.531 | mg/L | 2.00% |
| n 257.610 | 42987.8 | 1.312 | 0.0116 | mg/L | 1.312 | 0.0116 | mg/L | 0.89% |
| o 202.030 | 8.3 | 0.0040 | 0.00119 | mg/L | 0.0040 | 0.00119 | mg/L | 29.53% |
| i 231.604 | 279.8 | 0.0577 | 0.00269 | mg/L | 0.0577 | 0.00269 | mg/L | 4.67% |
| b 220.353 | 67.4 | 0.1261 | 0.00587 | mg/L | 0.1261 | 0.00587 | mg/L | 4.65% |
| b 206.833 | 14.5 | 0.0379 | 0.01549 | mg/L | 0.0379 | 0.01549 | mg/L | 40.85% |
| e 196.026 | -12.9 | -0.0232 | 0.01406 | mg/L | -0.0232 | 0.01406 | mg/L | 60.53% |
| r 407.771 | 682908.9 | 1.122 | 0.0230 | mg/L | 1.122 | 0.0230 | mg/L | 2.05% |
| i 334.941 | 85003.9 | 1.807 | 0.0185 | mg/L | 1.807 | 0.0185 | mg/L | 1.02% |
| l 190.800 | -7.9 | -0.0153 | 0.00529 | mg/L | -0.0153 | 0.00529 | mg/L | 34.56% |
| 292.402 | 916.4 | 0.0693 | 0.00001 | mg/L | 0.0693 | 0.00001 | mg/L | 0.02% |
| n 213.856 | 14839.3 | 1.449 | 0.0136 | mg/L | 1.449 | 0.0136 | mg/L | 0.94% |
| g 279.079 | 90869.6 | 97.4 | 0.96 | mg/L | 97.4 | 0.96 | mg/L | 0.98% |
| a 317.933 | 2765176.4 | 293 | 5.8 | mg/L | 293 | 5.8 | mg/L | 1.98% |
| n 189.933 | 33.3 | 0.0307 | 0.00524 | mg/L | 0.0307 | 0.00524 | mg/L | 17.04% |
| i 251.611 | 75120.0 | 33.4 | 0.48 | mg/L | 33.4 | 0.48 | mg/L | 1.44% |
| g 328.068 | -188.2 | -0.0027 | 0.00077 | mg/L | -0.0027 | 0.00077 | mg/L | 28.98% |

ean Data

D: 571546 5x sd Seq. No.: 18 Sample No.: 13 A/S Pos: 31
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 5:18:26 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 35553.6 | 32.1 | 0.09 | mg/L | 32.1 | 0.09 | mg/L | 0.30% |
| s 188.979 | 2.8 | 0.0246 | 0.00573 | mg/L | 0.0246 | 0.00573 | mg/L | 23.33% |
| 208.959 | 90.0 | 0.0689 | 0.01224 | mg/L | 0.0689 | 0.01224 | mg/L | 17.75% |
| a 233.527 | 2471.7 | 0.4532 | 0.00285 | mg/L | 0.4532 | 0.00285 | mg/L | 0.63% |
| e 313.107 | 260.3 | 0.0033 | 0.00001 | mg/L | 0.0033 | 0.00001 | mg/L | 0.32% |
| d 214.438 | -20.6 | 0.0060 | 0.00016 | mg/L | 0.0060 | 0.00016 | mg/L | 2.74% |
| o 228.616 | 47.9 | 0.0276 | 0.00051 | mg/L | 0.0276 | 0.00051 | mg/L | 1.85% |
| r 267.716 | 585.6 | 0.0536 | 0.00051 | mg/L | 0.0536 | 0.00051 | mg/L | 0.96% |
| u 324.754 | 2918.5 | 0.1786 | 0.00075 | mg/L | 0.1786 | 0.00075 | mg/L | 0.42% |
| e 238.204 | 312237.9 | 70.70 | 1.011 | mg/L | 70.70 | 1.011 | mg/L | 1.43% |
| n 257.610 | 55667.6 | 1.700 | 0.0047 | mg/L | 1.700 | 0.0047 | mg/L | 0.27% |
| o 202.030 | 15.7 | 0.0093 | 0.00199 | mg/L | 0.0093 | 0.00199 | mg/L | 21.47% |
| i 231.604 | 358.1 | 0.0753 | 0.00010 | mg/L | 0.0753 | 0.00010 | mg/L | 0.13% |
| b 220.353 | 388.7 | 0.5585 | 0.00357 | mg/L | 0.5585 | 0.00357 | mg/L | 0.64% |
| b 206.833 | 9.2 | 0.0051 | 0.01122 | mg/L | 0.0051 | 0.01122 | mg/L | 221.41% |
| e 196.026 | -12.9 | -0.0232 | 0.01031 | mg/L | -0.0232 | 0.01031 | mg/L | 44.34% |
| r 407.771 | 170470.4 | 0.2769 | 0.00370 | mg/L | 0.2769 | 0.00370 | mg/L | 1.34% |
| i 334.941 | 47875.5 | 1.019 | 0.0044 | mg/L | 1.019 | 0.0044 | mg/L | 0.44% |
| l 190.800 | -12.6 | -0.0537 | 0.01596 | mg/L | -0.0537 | 0.01596 | mg/L | 29.74% |
| 292.402 | 1093.1 | 0.0860 | 0.00034 | mg/L | 0.0860 | 0.00034 | mg/L | 0.40% |
| n 213.856 | 6482.4 | 0.6103 | 0.00155 | mg/L | 0.6103 | 0.00155 | mg/L | 0.25% |
| g 279.079 | 71956.4 | 77.2 | 0.29 | mg/L | 77.2 | 0.29 | mg/L | 0.37% |
| a 317.933 | 2037284.4 | 216 | 2.8 | mg/L | 216 | 2.8 | mg/L | 1.31% |
| n 189.933 | 37.2 | 0.0378 | 0.00407 | mg/L | 0.0378 | 0.00407 | mg/L | 10.76% |
| i 251.611 | 19758.6 | 8.73 | 0.069 | mg/L | 8.73 | 0.069 | mg/L | 0.79% |
| g 328.068 | -205.5 | -0.0038 | 0.00372 | mg/L | -0.0038 | 0.00372 | mg/L | 97.38% |

ean Data

D: 571546 5x ps Seq. No.: 19 Sample No.: 14 A/S Pos: 32
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 5:24:42 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| l 396.152 | 35815.9 | 32.3 | 0.26 mg/L | 32.3 | 0.26 mg/L | 0.82% |
| s 188.979 | 152.8 | 1.07 | 0.002 mg/L | 1.07 | 0.002 mg/L | 0.15% |
| 208.959 | 948.5 | 1.046 | 0.0120 mg/L | 1.046 | 0.0120 mg/L | 1.14% |
| a 233.527 | 8282.7 | 1.467 | 0.0173 mg/L | 1.467 | 0.0173 mg/L | 1.18% |
| e 313.107 | 331123.4 | 1.017 | 0.0083 mg/L | 1.017 | 0.0083 mg/L | 0.82% |
| d 214.438 | 8439.3 | 0.9845 | 0.00827 mg/L | 0.9845 | 0.00827 mg/L | 0.84% |
| o 228.616 | 1927.8 | 1.00 | 0.002 mg/L | 1.00 | 0.002 mg/L | 0.23% |
| r 267.716 | 10823.0 | 1.068 | 0.0107 mg/L | 1.068 | 0.0107 mg/L | 1.01% |
| u 324.754 | 16549.0 | 1.155 | 0.0096 mg/L | 1.155 | 0.0096 mg/L | 0.83% |
| e 238.204 | 307560.4 | 69.64 | 0.583 mg/L | 69.64 | 0.583 mg/L | 0.84% |
| n 257.610 | 87106.6 | 2.660 | 0.0188 mg/L | 2.660 | 0.0188 mg/L | 0.71% |
| o 202.030 | 1440.2 | 1.01 | 0.007 mg/L | 1.01 | 0.007 mg/L | 0.65% |
| i 231.604 | 4678.0 | 1.043 | 0.0067 mg/L | 1.043 | 0.0067 mg/L | 0.65% |
| b 220.353 375 | 1101.1 95% | 1.517 | 0.0130 mg/L | 1.517 | 0.0130 mg/L | 0.86% |
| b 206.833 | 175.5 | 0.941 | 0.0130 mg/L | 0.941 | 0.0130 mg/L | 1.38% |
| e 196.026 | 225.2 | 1.00 | 0.035 mg/L | 1.00 | 0.035 mg/L | 3.45% |
| r 407.771 | 780860.2 | 1.286 | 0.0092 mg/L | 1.286 | 0.0092 mg/L | 0.72% |
| i 334.941 | 95412.6 | 2.028 | 0.0200 mg/L | 2.028 | 0.0200 mg/L | 0.99% |
| l 190.800 | 89.4 | 0.966 | 0.0282 mg/L | 0.966 | 0.0282 mg/L | 2.92% |
| 292.402 | 12640.5 | 1.119 | 0.0107 mg/L | 1.119 | 0.0107 mg/L | 0.96% |
| n 213.856 | 16165.4 | 1.593 | 0.0102 mg/L | 1.593 | 0.0102 mg/L | 0.64% |
| g 279.079 | 70960.9 | 76.1 | 0.51 mg/L | 76.1 | 0.51 mg/L | 0.67% |
| a 317.933 | 1985355.1 | 210 | 1.6 mg/L | 210 | 1.6 mg/L | 0.76% |
| n [illegible].933 | 34.6 | 0.0332 | 0.00268 mg/L | 0.0332 | 0.00268 mg/L | 8.07% |
| i [illegible].611 | 20774.5 | 9.18 | 0.113 mg/L | 9.18 | 0.113 mg/L | 1.23% |
| g 328.068 | 15138.0 | 1.02 | 0.010 mg/L | 1.02 | 0.010 mg/L | 0.98% |

lean Data

D: 571546 5x ps — Seq. No.: 20 — Sample No.: 15 — A/S Pos: 33

ample Qty: 1.0000 mL — Prep. Vol.: 1.0 mL — Dilution: 1.0: 1.0

Data: Original — Date: 3/26/00 5:30:56 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 35888.3 | 32.3 | 0.69 | mg/L | 32.3 | 0.69 | mg/L | 2.12% |
| s 188.979 | 150.8 | 1.06 | 0.019 | mg/L | 1.06 | 0.019 | mg/L | 1.80% |
| 208.959 | 948.7 | 1.046 | 0.0189 | mg/L | 1.046 | 0.0189 | mg/L | 1.80% |
| a 233.527 | 8364.0 | 1.481 | 0.0289 | mg/L | 1.481 | 0.0289 | mg/L | 1.95% |
| e 313.107 | 332615.7 | 1.022 | 0.0270 | mg/L | 1.022 | 0.0270 | mg/L | 2.65% |
| d 214.438 | 8358.5 | 0.9752 | 0.02261 | mg/L | 0.9752 | 0.02261 | mg/L | 2.32% |
| o 228.616 | 1908.4 | 0.993 | 0.0235 | mg/L | 0.993 | 0.0235 | mg/L | 2.36% |
| r 267.716 | 10712.9 | 1.057 | 0.0217 | mg/L | 1.057 | 0.0217 | mg/L | 2.05% |
| u 324.754 | 16450.0 | 1.148 | 0.0217 | mg/L | 1.148 | 0.0217 | mg/L | 1.89% |
| e 238.204 | 313070.3 | 70.89 | 1.878 | mg/L | 70.89 | 1.878 | mg/L | 2.65% |
| n [illegible].610 | 86931.3 | 2.654 | 0.0539 | mg/L | 2.654 | 0.0539 | mg/L | 2.03% |
| o [illegible].030 | 1436.4 | 1.01 | 0.022 | mg/L | 1.01 | 0.022 | mg/L | 2.20% |
| i 231.604 | 4665.9 | 1.040 | 0.0289 | mg/L | 1.040 | 0.0289 | mg/L | 2.78% |
| b 220.353 370 | 1083.8 93% | 1.494 | 0.0383 | mg/L | 1.494 | 0.0383 | mg/L | 2.57% |
| b 206.833 | 186.3 | 1.00 | 0.030 | mg/L | 1.00 | 0.030 | mg/L | 3.02% |
| e 196.026 | 222.6 | 0.991 | 0.0094 | mg/L | 0.991 | 0.0094 | mg/L | 0.95% |
| r 407.771 | 786511.8 | 1.295 | 0.0357 | mg/L | 1.295 | 0.0357 | mg/L | 2.75% |
| i 334.941 | 95228.4 | 2.024 | 0.0379 | mg/L | 2.024 | 0.0379 | mg/L | 1.87% |
| l 190.800 | 83.9 | 0.910 | 0.0154 | mg/L | 0.910 | 0.0154 | mg/L | 1.70% |
| 292.402 | 12555.8 | 1.111 | 0.0186 | mg/L | 1.111 | 0.0186 | mg/L | 1.68% |
| n 213.856 | 16139.9 | 1.590 | 0.0335 | mg/L | 1.590 | 0.0335 | mg/L | 2.10% |
| g 279.079 | 71262.6 | 76.4 | 1.67 | mg/L | 76.4 | 1.67 | mg/L | 2.18% |
| a 317.933 | 2021393.0 | 214 | 5.6 | mg/L | 214 | 5.6 | mg/L | 2.64% |
| n 189.933 | 34.1 | 0.0323 | 0.00510 | mg/L | 0.0323 | 0.00510 | mg/L | 15.82% |
| i 251.611 | 20713.6 | 9.15 | 0.164 | mg/L | 9.15 | 0.164 | mg/L | 1.79% |
| g 328.068 | 14446.5 | 0.972 | 0.0234 | mg/L | 0.972 | 0.0234 | mg/L | 2.40% |

lean Data

D: r blk — Seq. No.: 21 — Sample No.: 1 — A/S Pos: 4

ample Qty: 1.0000 g — Prep. Vol.: 1.0 L — Dilution: 1.0: 1.0

Data: Original — Date: 3/26/00 5:37:16 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | -57.2 | 0.0017 | 0.00808 | mg/L | | | | 468.33% |
| s 188.979 | -0.4 | 0.0020 | 0.00595 | mg/L | | | | 297.66% |
| 208.959 | 28.0 | 0.0158 | 0.00047 | mg/L | | | | 2.98% |
| a 233.527 | -81.4 | 0.0009 | 0.00117 | mg/L | | | | 131.11% |

| | | | | | |
|---|---|---|---|---|---|
| e 313.107 | -751.5 | 0.0002 | 0.00004 | mg/L | 26.68% |
| d 214.438 | -64.2 | 0.0009 | 0.00014 | mg/L | 14.78% |
| o 228.616 | -3.9 | 0.0007 | 0.00308 | mg/L | 431.98% |
| r 267.716 | 34.8 | -0.0009 | 0.00105 | mg/L | 114.15% |
| u 324.754 | 343.9 | 0.0011 | 0.00067 | mg/L | 63.43% |
| e 238.204 | 116.6 | 0.0030 | 0.00091 | mg/L | 29.93% |
| n 257.610 | 1.5 | -0.0002 | 0.00011 | mg/L | 44.53% |
| o 202.030 | 7.5 | 0.0034 | 0.00121 | mg/L | 35.04% |
| i 231.604 | 18.7 | -0.0008 | 0.00107 | mg/L | 137.43% |
| b 220.353 | -15.9 | 0.0140 | 0.00042 | mg/L | 2.98% |
| b 206.833 | 21.8 | 0.0452 | 0.00632 | mg/L | 13.99% |
| e 196.026 | -12.6 | -0.0221 | 0.00653 | mg/L | 29.58% |
| r 407.771 | -65.3 | 0.0000 | 0.00001 | mg/L | 41.28% |
| i 334.941 | -24.5 | 0.0027 | 0.00038 | mg/L | 14.25% |
| l 190.800 | -12.0 | -0.0232 | 0.02576 | mg/L | 111.23% |
| 292.402 | -6.5 | 0.0013 | 0.00119 | mg/L | 95.06% |
| n 213.856 | 154.4 | -0.0005 | 0.00017 | mg/L | 36.20% |
| g 279.079 | -28.2 | 0.0026 | 0.00548 | mg/L | 209.89% |
| a 317.933 | 148.6 | 0.0007 | 0.00023 | mg/L | 32.85% |
| n 189.933 | 17.2 | 0.0016 | 0.01082 | mg/L | 663.89% |
| i 251.611 | 328.4 | 0.0567 | 0.00188 | mg/L | 3.31% |
| g 328.068 | -131.3 | 0.0011 | 0.00010 | mg/L | 8.70% |

ean Data ----------

D: ccv Seq. No.: 22 Sample No.: 2 A/S Pos: 7
ample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 5:43:43 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 2090.6 | 1.91 | 0.010 | mg/L | | | | 0.50% |
| s 188.979 | 284.0 | 1.98 | 0.005 | mg/L | | | | 0.27% |
| 208.959 | 856.7 | 0.9585 | 0.00534 | mg/L | | | | 0.56% |
| a 233.527 | 11114.7 | 1.954 | 0.0226 | mg/L | | | | 1.16% |
| e 313.107 | 316743.4 | 0.9732 | 0.01680 | mg/L | | | | 1.73% |
| d 214.438 | 8312.9 | 0.9699 | 0.01129 | mg/L | | | | 1.16% |
| o 228.616 | 1878.2 | 0.978 | 0.0043 | mg/L | | | | 0.44% |
| r 267.716 | 19802.4 | 1.957 | 0.0188 | mg/L | | | | 0.96% |
| u 324.754 | 14038.7 | 0.9817 | 0.00880 | mg/L | | | | 0.90% |
| e 238.204 | 8761.6 | 1.961 | 0.0171 | mg/L | | | | 0.87% |
| n 257.610 | 32068.3 | 0.9790 | 0.00929 | mg/L | | | | 0.95% |
| o 202.030 | 1398.2 | 0.982 | 0.0037 | mg/L | | | | 0.38% |
| i 231.604 | 4335.0 | 0.9663 | 0.00817 | mg/L | | | | 0.85% |
| b 220.353 | 1415.6 | 1.940 | 0.0007 | mg/L | | | | 0.04% |
| b 206.833 | 363.0 | 1.95 | 0.037 | mg/L | | | | 1.91% |
| e 196.026 | 448.3 | 1.96 | 0.051 | mg/L | | | | 2.61% |
| r 407.771 | 588796.7 | 0.9734 | 0.01645 | mg/L | | | | 1.69% |
| i 334.941 | 45889.8 | 0.9771 | 0.01020 | mg/L | | | | 1.04% |
| l 190.800 | 184.4 | 1.94 | 0.008 | mg/L | | | | 0.42% |
| 292.402 | 11062.8 | 0.9911 | 0.00767 | mg/L | | | | 0.77% |
| n 213.856 | 19431.6 | 1.955 | 0.0192 | mg/L | | | | 0.98% |
| g 279.079 | 1869.6 | 2.04 | 0.056 | mg/L | | | | 2.76% |
| a 317.933 | 19551.7 | 2.06 | 0.020 | mg/L | | | | 0.95% |
| n 189.933 | 1125.3 | 2.01 | 0.013 | mg/L | | | | 0.66% |
| i 251.611 | 5017.3 | 2.15 | 0.030 | mg/L | | | | 1.40% |
| g 328.068 | 16336.9 | 1.10 | 0.013 | mg/L | | | | 1.15% |

ean Data ----------

D: 571546 2.02 Seq. No.: 23 Sample No.: 16 A/S Pos: 34
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 5:49:59 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 167050.2 | 150 | 1.4 | mg/L | 150 | 1.4 | mg/L | 0.91% |
| s 188.979 | 16.5 | 0.0714 | 0.00064 | mg/L | 0.0714 | 0.00064 | mg/L | 0.90% |
| 208.959 | 366.2 | 0.3258 | 0.00936 | mg/L | 0.3258 | 0.00936 | mg/L | 2.87% |
| a 233.527 | 11473.0 | 2.047 | 0.0123 | mg/L | 2.047 | 0.0123 | mg/L | 0.60% |
| e 313.107 | 4008.9 | 0.0147 | 0.00008 | mg/L | 0.0147 | 0.00008 | mg/L | 0.51% |
| d 214.438 | 137.2 | 0.0115 | 0.00090 | mg/L | 0.0115 | 0.00090 | mg/L | 7.81% |
| o 228.616 | 208.6 | 0.111 | 0.0023 | mg/L | 0.111 | 0.0023 | mg/L | 2.04% |
| r 267.716 | 2508.1 | 0.2597 | 0.00125 | mg/L | 0.2597 | 0.00125 | mg/L | 0.48% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| u 324.754 | 11747.1 | 0.7874 | 0.00794 mg/L | 0.7874 | 0.00794 mg/L | 1.01% |
| e 238.204 | 1383803.0 | 313.4 | 1.97 mg/L | 313.4 | 1.97 mg/L | 0.63% |
| n 257.610 | 250615.4 | 7.648 | 0.0604 mg/L | 7.648 | 0.0604 mg/L | 0.79% |
| o 202.030 | 59.0 | 0.0397 | 0.00493 mg/L | 0.0397 | 0.00493 mg/L | 12.42% |
| i 231.604 | 1319.7 | 0.2907 | 0.00168 mg/L | 0.2907 | 0.00168 mg/L | 0.58% |
| b 220.353 120 | 1790.9 | 2.481 | 0.0029 mg/L | 2.481 | 0.0029 mg/L | 0.12% |
| b 206.833 | 6.2 | 0.0955 | 0.01794 mg/L | 0.0955 | 0.01794 mg/L | 18.78% |
| e 196.026 | -1.0 | 0.0281 | 0.00363 mg/L | 0.0281 | 0.00363 mg/L | 12.94% |
| r 407.771 | 794656.3 | 1.282 | 0.0075 mg/L | 1.282 | 0.0075 mg/L | 0.58% |
| i 334.941 | 220724.0 | 4.688 | 0.0478 mg/L | 4.688 | 0.0478 mg/L | 1.02% |
| l 190.800 | -11.2 | -0.100 | 0.0769 mg/L | -0.100 | 0.0769 mg/L | 76.69% |
| 292.402 | 5058.5 | 0.3938 | 0.00173 mg/L | 0.3938 | 0.00173 mg/L | 0.44% |
| n 213.856 | 28570.3 | 2.730 | 0.0216 mg/L | 2.730 | 0.0216 mg/L | 0.79% |
| g 279.079 | 336626.1 | 361 | 3.4 mg/L | 361 | 3.4 mg/L | 0.94% |
| a 317.933 | 9259470.9 | 980 | 6.5 mg/L | 980 | 6.5 mg/L | 0.67% |
| n 189.933 | 65.6 | 0.0893 | 0.02009 mg/L | 0.0893 | 0.02009 mg/L | 22.48% |
| i 251.611 | 90646.3 | 40.4 | 0.66 mg/L | 40.4 | 0.66 mg/L | 1.63% |
| g 328.068 | -408.9 | -0.0174 | 0.00246 mg/L | -0.0174 | 0.00246 mg/L | 14.13% |

ean Data ----------

D: 571546 ms 2.16 Seq. No.: 24 Sample No.: 17 A/S Pos: 35
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
(23.1) Data: Original Date: 3/26/00 5:56:22 PM

| lement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 208949.2 | 188 | 1.0 | mg/L | 188 | 1.0 | mg/L | 0.51% |
| s 188.979 | 86.8 | 0.544 | 0.0413 | mg/L | 0.544 | 0.0413 | mg/L | 7.59% |
| 208.959 | 958.0 | 0.9954 | 0.01036 | mg/L | 0.9954 | 0.01036 | mg/L | 1.04% |
| a 233.527 | 17613.3 | 3.122 | 0.0358 | mg/L | 3.122 | 0.0358 | mg/L | 1.15% |
| e 313.107 | 163357.4 | 0.5031 | 0.00218 | mg/L | 0.5031 | 0.00218 | mg/L | 0.43% |
| d 214.438 | 3949.3 | 0.4554 | 0.00255 | mg/L | 0.4554 | 0.00255 | mg/L | 0.56% |
| o 228.616 | 1168.3 | 0.598 | 0.0060 | mg/L | 0.598 | 0.0060 | mg/L | 1.01% |
| r 267.716 | 7878.9 | 0.7938 | 0.00879 | mg/L | 0.7938 | 0.00879 | mg/L | 1.11% |
| u 324.754 | 17788.2 | 1.216 | 0.0178 | mg/L | 1.216 | 0.0178 | mg/L | 1.46% |
| e 238.204 | 1546033.9 | 350.1 | 1.47 | mg/L | 350.1 | 1.47 | mg/L | 0.42% |
| n 257.610 | 473047.3 | 14.44 | 0.071 | mg/L | 14.44 | 0.071 | mg/L | 0.49% |
| o 202.030 | 721.9 | 0.506 | 0.0003 | mg/L | 0.506 | 0.0003 | mg/L | 0.06% |
| i 231.604 | 3696.0 | 0.8231 | 0.00074 | mg/L | 0.8231 | 0.00074 | mg/L | 0.09% |
| b 220.353 141 | 2202.4 | 3.044 | 0.0144 | mg/L | 3.044 | 0.0144 | mg/L | 0.47% |
| b 206.833 | 32.4 | 0.261 | 0.0253 | mg/L | 0.261 | 0.0253 | mg/L | 9.68% |
| e 196.026 | 108.9 | 0.501 | 0.0074 | mg/L | 0.501 | 0.0074 | mg/L | 1.48% |
| r 407.771 | 1240689.8 | 2.015 | 0.0084 | mg/L | 2.015 | 0.0084 | mg/L | 0.42% |
| i 334.941 | 301527.2 | 6.402 | 0.0356 | mg/L | 6.402 | 0.0356 | mg/L | 0.56% |
| l 19[illegible]300 | 38.3 | 0.361 | 0.0065 | mg/L | 0.361 | 0.0065 | mg/L | 1.80% |
| 292[illegible]02 | 11728.3 | 0.9765 | 0.01059 | mg/L | 0.9765 | 0.01059 | mg/L | 1.08% |
| n 213.856 | 65311.8 | 6.436 | 0.0855 | mg/L | 6.436 | 0.0855 | mg/L | 1.33% |
| g 279.079 | 363934.6 | 390 | 2.2 | mg/L | 390 | 2.2 | mg/L | 0.55% |
| a 317.933 | 10659786.3 | 1130 | 16.6 | mg/L | 1130 | 16.6 | mg/L | 1.47% |
| n 189.933 | 489.4 | 0.858 | 0.0100 | mg/L | 0.858 | 0.0100 | mg/L | 1.17% |
| i 251.611 | 173296.0 | 77.2 | 0.75 | mg/L | 77.2 | 0.75 | mg/L | 0.98% |
| g 328.068 | 7521.9 | 0.511 | 0.0085 | mg/L | 0.511 | 0.0085 | mg/L | 1.66% |

ean Data ----------

D: 571546 msd 2.08 Seq. No.: 25 Sample No.: 18 A/S Pos: 36
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
(24.5) Data: Original Date: 3/26/00 6:02:52 PM

| .ement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| . 396.152 | 162960.8 | 147 | 2.2 | mg/L | 147 | 2.2 | mg/L | 1.53% |
| s 188.979 | 86.5 | 0.546 | 0.0039 | mg/L | 0.546 | 0.0039 | mg/L | 0.72% |
| 208.959 | 799.7 | 0.8355 | 0.02237 | mg/L | 0.8355 | 0.02237 | mg/L | 2.68% |
| a 233.527 | 13639.8 | 2.420 | 0.0127 | mg/L | 2.420 | 0.0127 | mg/L | 0.52% |
| e 313.107 | 159111.7 | 0.4901 | 0.00719 | mg/L | 0.4901 | 0.00719 | mg/L | 1.47% |
| d 214.438 | 3818.5 | 0.4396 | 0.00383 | mg/L | 0.4396 | 0.00383 | mg/L | 0.87% |
| o 228.616 | 1053.2 | 0.549 | 0.0027 | mg/L | 0.549 | 0.0027 | mg/L | 0.50% |
| r 267.716 | 7357.6 | 0.7324 | 0.00270 | mg/L | 0.7324 | 0.00270 | mg/L | 0.37% |
| u 324.754 | 16956.5 | 1.166 | 0.0071 | mg/L | 1.166 | 0.0071 | mg/L | 0.61% |
| e 238.204 | 1136574.6 | 257.4 | 3.39 | mg/L | 257.4 | 3.39 | mg/L | 1.32% |
| n 257.610 | 272688.3 | 8.320 | 0.1138 | mg/L | 8.320 | 0.1138 | mg/L | 1.37% |
| o 202.030 | 703.1 | 0.493 | 0.0014 | mg/L | 0.493 | 0.0014 | mg/L | 0.29% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Ti 231.604 | 3198.1 | 0.7116 | 0.00526 mg/L | 0.7116 | 0.00526 mg/L | 0.74% |
| Pb 220.353 143 | 2163.6 | 2.982 | 0.0163 mg/L | 2.982 | 0.0163 mg/L | 0.55% |
| Sb 206.833 | 42.7 | 0.279 | 0.0076 mg/L | 0.279 | 0.0076 mg/L | 2.72% |
| Se 196.026 | 101.4 | 0.469 | 0.0277 mg/L | 0.469 | 0.0277 mg/L | 5.91% |
| Sr 407.771 | 1135939.9 | 1.841 | 0.0256 mg/L | 1.841 | 0.0256 mg/L | 1.39% |
| Ti 334.941 | 254092.0 | 5.396 | 0.0809 mg/L | 5.396 | 0.0809 mg/L | 1.50% |
| Tl 190.800 | 30.2 | 0.288 | 0.0129 mg/L | 0.288 | 0.0129 mg/L | 4.49% |
| V 292.402 | 10359.5 | 0.8718 | 0.00266 mg/L | 0.8718 | 0.00266 mg/L | 0.31% |
| Zn 213.856 | 36641.6 | 3.524 | 0.0267 mg/L | 3.524 | 0.0267 mg/L | 0.76% |
| Mg 279.079 | 471285.9 | 505 | 7.5 mg/L | 505 | 7.5 mg/L | 1.49% |
| Ca 317.933 | 11337530.9 | 1200 | 6.3 mg/L | 1200 | 6.3 mg/L | 0.53% |
| Sn 189.933 | 484.0 | 0.848 | 0.0135 mg/L | 0.848 | 0.0135 mg/L | 1.59% |
| Si 251.611 | 77045.3 | 34.3 | 0.40 mg/L | 34.3 | 0.40 mg/L | 1.16% |
| Ag 328.068 | 7499.2 | 0.509 | 0.0041 mg/L | 0.509 | 0.0041 mg/L | 0.81% |

Mean Data ----------

ID: 571432 rd 2.12 Seq. No.: 26 Sample No.: 19 A/S Pos: 37
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 6:09:14 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 83910.8 | 75.7 | 0.40 | mg/L | 75.7 | 0.40 | mg/L | 0.53% |
| As 188.979 | -0.7 | 0.0004 | 0.00734 | mg/L | 0.0004 | 0.00734 | mg/L | >999.9% |
| B 208.959 5.6 | 139.5 | 0.1187 | 0.00585 | mg/L | 0.1187 | 0.00585 | mg/L | 4.93% |
| Ba 233.527 | 3100.6 | 0.5658 | 0.00492 | mg/L | 0.5658 | 0.00492 | mg/L | 0.87% |
| Be 313.107 | 763.2 | 0.0048 | 0.00001 | mg/L | 0.0048 | 0.00001 | mg/L | 0.24% |
| Cd 214.438 | 12.9 | 0.0057 | 0.00031 | mg/L | 0.0057 | 0.00031 | mg/L | 5.47% |
| Co 228.616 | 55.3 | 0.0314 | 0.00141 | mg/L | 0.0314 | 0.00141 | mg/L | 4.48% |
| Cr 267.716 | 1154.4 | 0.1177 | 0.00129 | mg/L | 0.1177 | 0.00129 | mg/L | 1.10% |
| Cu 324.754 | 2220.4 | 0.1257 | 0.00114 | mg/L | 0.1257 | 0.00114 | mg/L | 0.91% |
| Fe 238.204 | 446114.0 | 101.0 | 2.10 | mg/L | 101.0 | 2.10 | mg/L | 2.08% |
| Mn 257.610 | 47006.0 | 1.435 | 0.0047 | mg/L | 1.435 | 0.0047 | mg/L | 0.33% |
| Mo 202.030 | 7.9 | 0.0037 | 0.00079 | mg/L | 0.0037 | 0.00079 | mg/L | 21.02% |
| Ni 231.604 | 376.9 | 0.0795 | 0.00286 | mg/L | 0.0795 | 0.00286 | mg/L | 3.60% |
| Pb 220.353 | 121.7 | 0.1991 | 0.00415 | mg/L | 0.1991 | 0.00415 | mg/L | 2.08% |
| Sb 206.833 | 8.9 | 0.0168 | 0.00329 | mg/L | 0.0168 | 0.00329 | mg/L | 19.66% |
| Se 196.026 | -3.0 | 0.0193 | 0.03377 | mg/L | 0.0193 | 0.03377 | mg/L | 175.03% |
| Sr 407.771 | 128650.5 | 0.2060 | 0.00417 | mg/L | 0.2060 | 0.00417 | mg/L | 2.02% |
| Ti 334.941 | 41092.9 | 0.8753 | 0.00266 | mg/L | 0.8753 | 0.00266 | mg/L | 0.30% |
| Tl 190.800 | -12.8 | -0.0640 | 0.04655 | mg/L | -0.0640 | 0.04655 | mg/L | 72.69% |
| V 292.402 | 1181.9 | 0.0885 | 0.00106 | mg/L | 0.0885 | 0.00106 | mg/L | 1.19% |
| Zn 213.856 | 5498.0 | 0.4991 | 0.00263 | mg/L | 0.4991 | 0.00263 | mg/L | 0.53% |
| Mg 279.079 | 76246.3 | 81.8 | 0.40 | mg/L | 81.8 | 0.40 | mg/L | 0.49% |
| Ca 317.933 | 2757229.0 | 292 | 6.0 | mg/L | 292 | 6.0 | mg/L | 2.05% |
| Sn 189.933 | 37.7 | 0.0386 | 0.00374 | mg/L | 0.0386 | 0.00374 | mg/L | 9.69% |
| Si 251.611 | 74142.9 | 33.0 | 0.29 | mg/L | 33.0 | 0.29 | mg/L | 0.88% |
| Ag 328.068 | -217.8 | -0.0046 | 0.00167 | mg/L | -0.0046 | 0.00167 | mg/L | 35.98% |

Mean Data ----------

ID: 571433 rd 2.37 Seq. No.: 27 Sample No.: 20 A/S Pos: 38
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 6:15:27 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 43180.9 | 38.9 | 0.36 | mg/L | 38.9 | 0.36 | mg/L | 0.92% |
| As 188.979 | 0.9 | 0.0110 | 0.00520 | mg/L | 0.0110 | 0.00520 | mg/L | 47.27% |
| B 208.959 2.6 | 103.5 | 0.0613 | 0.00694 | mg/L | 0.0613 | 0.00694 | mg/L | 11.31% |
| Ba 233.527 | 3156.5 | 0.5806 | 0.00186 | mg/L | 0.5806 | 0.00186 | mg/L | 0.32% |
| Be 313.107 | 3.2 | 0.0025 | 0.00001 | mg/L | 0.0025 | 0.00001 | mg/L | 0.59% |
| Cd 214.438 | 23.2 | 0.0048 | 0.00009 | mg/L | 0.0048 | 0.00009 | mg/L | 1.97% |
| Co 228.616 | 40.1 | 0.0235 | 0.00021 | mg/L | 0.0235 | 0.00021 | mg/L | 0.91% |
| Cr 267.716 | 535.1 | 0.0603 | 0.00037 | mg/L | 0.0603 | 0.00037 | mg/L | 0.62% |
| Cu 324.754 | 1788.2 | 0.0897 | 0.00234 | mg/L | 0.0897 | 0.00234 | mg/L | 2.61% |
| Fe 238.204 | 678350.6 | 153.6 | 1.70 | mg/L | 153.6 | 1.70 | mg/L | 1.11% |
| Mn 257.610 | 75976.4 | 2.320 | 0.0180 | mg/L | 2.320 | 0.0180 | mg/L | 0.77% |
| Mo 202.030 | 1.4 | -0.0008 | 0.00013 | mg/L | -0.0008 | 0.00013 | mg/L | 15.44% |
| Ni 231.604 | 285.8 | 0.0591 | 0.00075 | mg/L | 0.0591 | 0.00075 | mg/L | 1.27% |
| Pb 220.353 | 77.4 | 0.1395 | 0.00093 | mg/L | 0.1395 | 0.00093 | mg/L | 0.67% |
| Sb 206.833 | 9.9 | 0.0460 | 0.02496 | mg/L | 0.0460 | 0.02496 | mg/L | 54.26% |
| Se 196.026 | -7.0 | 0.0021 | 0.00345 | mg/L | 0.0021 | 0.00345 | mg/L | 160.88% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| r 407.771 | 108811.7 | 0.1732 | 0.00175 mg/L | 0.1732 | 0.00175 mg/L | 1.01% |
| i 334.941 | 38295.1 | 0.8159 | 0.00760 mg/L | 0.8159 | 0.00760 mg/L | 0.93% |
| l 190.800 | -14.1 | -0.0777 | 0.03030 mg/L | -0.0777 | 0.03030 mg/L | 39.00% |
| 292.402 | 1271.0 | 0.0872 | 0.00130 mg/L | 0.0872 | 0.00130 mg/L | 1.50% |
| n 213.856 | 4424.2 | 0.3855 | 0.00421 mg/L | 0.3855 | 0.00421 mg/L | 1.09% |
| g 279.079 | 38688.9 | 41.5 | 0.41 mg/L | 41.5 | 0.41 mg/L | 1.00% |
| a 317.933 | 2759992.8 | 292 | 3.1 mg/L | 292 | 3.1 mg/L | 1.08% |
| n 189.933 | 29.9 | 0.0247 | 0.00533 mg/L | 0.0247 | 0.00533 mg/L | 21.62% |
| i 251.611 | 72782.4 | 32.4 | 0.39 mg/L | 32.4 | 0.39 mg/L | 1.22% |
| g 328.068 | -254.5 | -0.0071 | 0.00101 mg/L | -0.0071 | 0.00101 mg/L | 14.25% |

ean Data ----------

D: 571434 2.22 Seq. No.: 28 Sample No.: 21 A/S Pos: 39
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 6:21:43 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 139135.6 | 126 | 2.0 | mg/L | 126 | 2.0 | mg/L | 1.58% |
| s 188.979 | 3.5 | 0.0294 | 0.00300 | mg/L | 0.0294 | 0.00300 | mg/L | 10.20% |
| 208.959 5.2 | 160.3 | 0.1148 | 0.00379 | mg/L | 0.1148 | 0.00379 | mg/L | 3.31% |
| a 233.527 | 5396.2 | 0.9760 | 0.01296 | mg/L | 0.9760 | 0.01296 | mg/L | 1.33% |
| e 313.107 | 1690.8 | 0.0076 | 0.00003 | mg/L | 0.0076 | 0.00003 | mg/L | 0.36% |
| d 21[illegible].438 | 59.8 | 0.0071 | 0.00040 | mg/L | 0.0071 | 0.00040 | mg/L | 5.58% |
| o 2[illegible] 616 | 113.9 | 0.0618 | 0.00188 | mg/L | 0.0618 | 0.00188 | mg/L | 3.04% |
| r 267.716 | 1712.7 | 0.1806 | 0.00220 | mg/L | 0.1806 | 0.00220 | mg/L | 1.22% |
| u 324.754 | 3766.4 | 0.2268 | 0.00425 | mg/L | 0.2268 | 0.00425 | mg/L | 1.87% |
| e 238.204 a.w | 889211.0 | 201.4 | 2.85 | mg/L | 201.4 | 2.85 | mg/L | 1.41% |
| n 257.610 | 84041.8 | 2.566 | 0.0272 | mg/L | 2.566 | 0.0272 | mg/L | 1.06% |
| o 202.030 | 5.5 | 0.0021 | 0.00109 | mg/L | 0.0021 | 0.00109 | mg/L | 52.53% |
| i 231.604 | 717.0 | 0.1557 | 0.00014 | mg/L | 0.1557 | 0.00014 | mg/L | 0.09% |
| b 220.353 | 148.3 | 0.2647 | 0.00115 | mg/L | 0.2647 | 0.00115 | mg/L | 0.43% |
| b 206.833 | 1.9 | 0.0213 | 0.03452 | mg/L | 0.0213 | 0.03452 | mg/L | 162.08% |
| e 196.026 | -6.4 | 0.0049 | 0.00761 | mg/L | 0.0049 | 0.00761 | mg/L | 156.05% |
| r 407.771 | 127944.5 | 0.2026 | 0.00308 | mg/L | 0.2026 | 0.00308 | mg/L | 1.52% |
| i 334.941 | 72786.6 | 1.548 | 0.0180 | mg/L | 1.548 | 0.0180 | mg/L | 1.17% |
| l 190.800 | -14.8 | -0.0499 | 0.00472 | mg/L | -0.0499 | 0.00472 | mg/L | 9.46% |
| 292.402 | 2915.8 | 0.2241 | 0.00386 | mg/L | 0.2241 | 0.00386 | mg/L | 1.72% |
| n 213.856 40 | 9226.6 | 0.8808 | 0.00960 | mg/L | 0.8808 | 0.00960 | mg/L | 1.09% |
| g 279.079 | 60908.5 | 65.3 | 0.78 | mg/L | 65.3 | 0.78 | mg/L | 1.19% |
| a 317.933 | 1750229.9 | 185 | 2.6 | mg/L | 185 | 2.6 | mg/L | 1.40% |
| n 189.933 | 29.8 | 0.0244 | 0.00346 | mg/L | 0.0244 | 0.00346 | mg/L | 14.17% |
| i 251.611 | 89014.0 | 39.6 | 0.61 | mg/L | 39.6 | 0.61 | mg/L | 1.54% |
| g 328.068 | -278.8 | -0.0087 | 0.00024 | mg/L | -0.0087 | 0.00024 | mg/L | 2.78% |

ean Data ----------

D: 571515 2.36 Seq. No.: 29 Sample No.: 22 A/S Pos: 40
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 6:27:59 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 115277.0 | 104 | 1.0 | mg/L | 104 | 1.0 | mg/L | 0.95% |
| s 188.979 | 3.2 | 0.0146 | 0.01908 | mg/L | 0.0146 | 0.01908 | mg/L | 130.48% |
| 208.959 | 165.5 | 0.0011 | 0.00447 | mg/L | 0.0011 | 0.00447 | mg/L | 414.62% |
| a 233.527 | 10881.1 | 1.979 | 0.0187 | mg/L | 1.979 | 0.0187 | mg/L | 0.94% |
| e 313.107 | 997.8 | 0.0055 | 0.00006 | mg/L | 0.0055 | 0.00006 | mg/L | 1.09% |
| d 214.438 | 395.4 | 0.0287 | 0.00054 | mg/L | 0.0287 | 0.00054 | mg/L | 1.89% |
| o 228.616 | 326.3 | 0.172 | 0.0029 | mg/L | 0.172 | 0.0029 | mg/L | 1.71% |
| r 267.716 | 23769.3 | 2.390 | 0.0139 | mg/L | 2.390 | 0.0139 | mg/L | 0.58% |
| u 324.754 170 | 58238.3 | 4.087 | 0.0289 | mg/L | 4.087 | 0.0289 | mg/L | 0.71% |
| e 238.204 | 2761359.8 | 625.4 | 5.46 | mg/L | 625.4 | 5.46 | mg/L | 0.87% |
| n 257.610 | 746210.6 | 22.79 | 0.203 | mg/L | 22.79 | 0.203 | mg/L | 0.89% |
| o 202.030 | 266.7 | 0.186 | 0.0061 | mg/L | 0.186 | 0.0061 | mg/L | 3.28% |
| i 231.604 | 5881.8 | 1.313 | 0.0060 | mg/L | 1.313 | 0.0060 | mg/L | 0.46% |
| o 220.353 | 1702.3 | 2.351 | 0.0045 | mg/L | 2.351 | 0.0045 | mg/L | 0.19% |
| o 206.833 | -21.4 | 0.0329 | 0.02269 | mg/L | 0.0329 | 0.02269 | mg/L | 68.95% |
| e 196.026 | 6.4 | 0.0600 | 0.00512 | mg/L | 0.0600 | 0.00512 | mg/L | 8.54% |
| r 407.771 | 124057.2 | 0.1952 | 0.00167 | mg/L | 0.1952 | 0.00167 | mg/L | 0.86% |
| i 334.941 | 246995.1 | 5.245 | 0.0641 | mg/L | 5.245 | 0.0641 | mg/L | 1.22% |
| l 190.800 | -22.5 | -0.165 | 0.0283 | mg/L | -0.165 | 0.0283 | mg/L | 17.13% |
| 292.402 | 4463.4 | 0.2916 | 0.01177 | mg/L | 0.2916 | 0.01177 | mg/L | 4.04% |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 213.856 | 340 | 79734.0 | 7.995 | 0.0559 mg/L | 7.995 | 0.0559 mg/L | 0.70% |
| g 279.079 | | 49572.5 | 53.3 | 0.42 mg/L | 53.3 | 0.42 mg/L | 0.80% |
| a 317.933 | | 850458.6 | 90.0 | 0.83 mg/L | 90.0 | 0.83 mg/L | 0.93% |
| 1 189.933 | < | 115.8 | 0.180 | 0.0083 mg/L | 0.180 | 0.0083 mg/L | 4.61% |
| i 251.611 | | 30634.0 | 13.6 | 0.13 mg/L | 13.6 | 0.13 mg/L | 0.92% |
| g 328.068 | | 439.2 | 0.0391 | 0.00113 mg/L | 0.0391 | 0.00113 mg/L | 2.90% |

ean Data ----------

D: 571709 2.02 Seq. No.: 30 Sample No.: 23 A/S Pos: 41
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 6:37:25 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 218251.3 | 197 | 3.2 | mg/L | 197 | 3.2 | mg/L | 1.63% |
| 3 188.979 | 35.5 | 0.187 | 0.0082 | mg/L | 0.187 | 0.0082 | mg/L | 4.36% |
| 208.959 | 251.7 | 0.1464 | 0.00414 | mg/L | 0.1464 | 0.00414 | mg/L | 2.83% |
| 1 233.527 | 20278.8 | 3.604 | 0.0312 | mg/L | 3.604 | 0.0312 | mg/L | 0.87% |
| 2 313.107 | 3038.0 | 0.0118 | 0.00011 | mg/L | 0.0118 | 0.00011 | mg/L | 0.95% |
| i 214.438 | 87.3 | 0.0040 | 0.00046 | mg/L | 0.0040 | 0.00046 | mg/L | 11.46% |
| 228.616 | 948.3 | 0.495 | 0.0033 | mg/L | 0.495 | 0.0033 | mg/L | 0.67% |
| 267.716 | 3213.5 | 0.3330 | 0.00149 | mg/L | 0.3330 | 0.00149 | mg/L | 0.45% |
| 1 324.754 | 7066.2 | 0.4371 | 0.00239 | mg/L | 0.4371 | 0.00239 | mg/L | 0.55% |
| 2 238.204 | 2077416.9 | 470.5 | 6.26 | mg/L | 470.5 | 6.26 | mg/L | 1.33% |
| 1 257.610 | 751775.4 | 22.95 | 0.331 | mg/L | 22.95 | 0.331 | mg/L | 1.44% |
| 202.030 | 374.7 | 0.262 | 0.0005 | mg/L | 0.262 | 0.0005 | mg/L | 0.19% |
| l 231.604 | 3224.2 | 0.7174 | 0.00325 | mg/L | 0.7174 | 0.00325 | mg/L | 0.45% |
| 220.353 | 14 156.0 | 0.2920 | 0.00487 | mg/L | 0.2920 | 0.00487 | mg/L | 1.67% |
| 206.833 | -11.1 | 0.0667 | 0.00095 | mg/L | 0.0667 | 0.00095 | mg/L | 1.42% |
| 2 196.026 | 4.1 | 0.0499 | 0.03785 | mg/L | 0.0499 | 0.03785 | mg/L | 75.84% |
| 407.771 | 497178.8 | 0.7862 | 0.01204 | mg/L | 0.7862 | 0.01204 | mg/L | 1.53% |
| l 334.941 | 106218.3 | 2.257 | 0.0149 | mg/L | 2.257 | 0.0149 | mg/L | 0.66% |
| . 190.800 | -16.0 | -0.182 | 0.0498 | mg/L | -0.182 | 0.0498 | mg/L | 27.43% |
| 292.402 | 5858.5 | 0.4369 | 0.00238 | mg/L | 0.4369 | 0.00238 | mg/L | 0.54% |
| 1 213.856 | 9403.3 | 0.7668 | 0.00451 | mg/L | 0.7668 | 0.00451 | mg/L | 0.59% |
| g 279.079 | 383608.6 | 411 | 6.3 | mg/L | 411 | 6.3 | mg/L | 1.54% |
| 1 317.933 | 9622955.9 | 1020 | 9.9 | mg/L | 1020 | 9.9 | mg/L | 0.98% |
| 1 189.933 | -4.8 | -0.0383 | 0.00253 | mg/L | -0.0383 | 0.00253 | mg/L | 6.60% |
| . 251.611 | 52549.0 | 23.4 | 0.27 | mg/L | 23.4 | 0.27 | mg/L | 1.13% |
| g 328.068 | -510.0 | -0.0241 | 0.00059 | mg/L | -0.0241 | 0.00059 | mg/L | 2.43% |

ean Data ----------

D: 571710 2.03 Seq. No.: 31 Sample No.: 24 A/S Pos: 42
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 6:43:49 PM

| ement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| . 396.152 | 202196.2 | 182 | 2.9 | mg/L | 182 | 2.9 | mg/L | 1.62% |
| 188.979 | 23.1 | 0.105 | 0.0437 | mg/L | 0.105 | 0.0437 | mg/L | 41.51% |
| 208.959 | 255.9 | 0.1804 | 0.01304 | mg/L | 0.1804 | 0.01304 | mg/L | 7.23% |
| 1 233.527 | 4021.5 | 0.7523 | 0.00636 | mg/L | 0.7523 | 0.00636 | mg/L | 0.84% |
| 2 313.107 | 2666.1 | 0.0106 | 0.00020 | mg/L | 0.0106 | 0.00020 | mg/L | 1.90% |
| l 214.438 | 58.6 | 0.0045 | 0.00063 | mg/L | 0.0045 | 0.00063 | mg/L | 13.98% |
| 228.616 | 411.9 | 0.216 | 0.0037 | mg/L | 0.216 | 0.0037 | mg/L | 1.70% |
| 267.716 | 3385.6 | 0.3488 | 0.00204 | mg/L | 0.3488 | 0.00204 | mg/L | 0.58% |
| 1 324.754 | 6399.9 | 0.3993 | 0.00848 | mg/L | 0.3993 | 0.00848 | mg/L | 2.12% |
| 2 238.204 | 1624578.2 | 367.9 | 2.12 | mg/L | 367.9 | 2.12 | mg/L | 0.58% |
| 1 257.610 | 247251.8 | 7.544 | 0.1102 | mg/L | 7.544 | 0.1102 | mg/L | 1.46% |
| 202.030 | 146.5 | 0.101 | 0.0065 | mg/L | 0.101 | 0.0065 | mg/L | 6.41% |
| . 231.604 | 2412.8 | 0.5356 | 0.00665 | mg/L | 0.5356 | 0.00665 | mg/L | 1.24% |
| 220.353 | 13 135.9 | 0.2615 | 0.00998 | mg/L | 0.2615 | 0.00998 | mg/L | 3.81% |
| 206.833 | -1.4 | 0.0767 | 0.00841 | mg/L | 0.0767 | 0.00841 | mg/L | 10.97% |
| 2 196.026 | -5.7 | 0.0078 | 0.00992 | mg/L | 0.0078 | 0.00992 | mg/L | 126.75% |
| 407.771 | 457337.9 | 0.7252 | 0.00322 | mg/L | 0.7252 | 0.00322 | mg/L | 0.44% |
| . 334.941 | 134068.8 | 2.849 | 0.0476 | mg/L | 2.849 | 0.0476 | mg/L | 1.67% |
| . 190.800 | -15.1 | -0.121 | 0.0200 | mg/L | -0.121 | 0.0200 | mg/L | 16.61% |
| 292.402 | 5108.1 | 0.3886 | 0.00819 | mg/L | 0.3886 | 0.00819 | mg/L | 2.11% |
| 1 213.856 | 10131.0 | 0.8662 | 0.01054 | mg/L | 0.8662 | 0.01054 | mg/L | 1.22% |
| 279.079 | 417865.8 | 448 | 6.9 | mg/L | 448 | 6.9 | mg/L | 1.55% |
| 1 317.933 | 8166696.7 | 864 | 4.9 | mg/L | 864 | 4.9 | mg/L | 0.57% |
| 1 189.933 | 10.4 | -0.0109 | 0.00391 | mg/L | -0.0109 | 0.00391 | mg/L | 35.98% |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Si 251.611 | 60595.4 | 27.0 | 0.56 | mg/L | 27.0 | 0.56 | mg/L | 2.08% |
| Ag 328.068 | -452.6 | -0.0203 | 0.00031 | mg/L | -0.0203 | 0.00031 | mg/L | 1.51% |

Mean Data

ID: xxx Seq. No.: 32 Sample No.: 25 A/S Pos: 43
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 6:50:14 PM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | -65.3 | -0.0055 | 0.00185 | mg/L | -0.0055 | 0.00185 | mg/L | 33.50% |
| As 188.979 | -4.5 | -0.0264 | 0.00973 | mg/L | -0.0264 | 0.00973 | mg/L | 36.81% |
| B 208.959 | 18.7 | 0.0048 | 0.00093 | mg/L | 0.0048 | 0.00093 | mg/L | 19.40% |
| Ba 233.527 | -79.4 | 0.0012 | 0.00041 | mg/L | 0.0012 | 0.00041 | mg/L | 32.53% |
| Be 313.107 | -759.4 | 0.0001 | 0.00006 | mg/L | 0.0001 | 0.00006 | mg/L | 40.75% |
| Cd 214.438 | -62.0 | 0.0012 | 0.00035 | mg/L | 0.0012 | 0.00035 | mg/L | 30.16% |
| Co 228.616 | -3.2 | 0.0010 | 0.00076 | mg/L | 0.0010 | 0.00076 | mg/L | 73.44% |
| Cr 267.716 | 26.4 | -0.0018 | 0.00093 | mg/L | -0.0018 | 0.00093 | mg/L | 53.30% |
| Cu 324.754 | 307.1 | -0.0016 | 0.00099 | mg/L | -0.0016 | 0.00099 | mg/L | 62.54% |
| Fe 238.204 | 141.5 | 0.0087 | 0.00342 | mg/L | 0.0087 | 0.00342 | mg/L | 39.36% |
| Mn 257.610 | 9.3 | 0.0000 | 0.00006 | mg/L | 0.0000 | 0.00006 | mg/L | >999.9% |
| Mo 202.030 | 2.6 | 0.0000 | 0.00013 | mg/L | 0.0000 | 0.00013 | mg/L | 277.90% |
| Ni 231.604 | 26.1 | 0.0009 | 0.00135 | mg/L | 0.0009 | 0.00135 | mg/L | 152.62% |
| Pb 220.353 | -19.4 | 0.0092 | 0.00512 | mg/L | 0.0092 | 0.00512 | mg/L | 55.55% |
| Sb [illegible].833 | 14.1 | 0.0013 | 0.00288 | mg/L | 0.0013 | 0.00288 | mg/L | 220.37% |
| Se 196.026 | -9.3 | -0.0076 | 0.00496 | mg/L | -0.0076 | 0.00496 | mg/L | 65.24% |
| Sr 407.771 | -34.5 | 0.0000 | 0.00001 | mg/L | 0.0000 | 0.00001 | mg/L | 39.20% |
| Ti 334.941 | -31.7 | 0.0025 | 0.00025 | mg/L | 0.0025 | 0.00025 | mg/L | 9.83% |
| Tl 190.800 | -11.2 | -0.0150 | 0.00144 | mg/L | -0.0150 | 0.00144 | mg/L | 9.62% |
| V 292.402 | -25.9 | -0.0005 | 0.00036 | mg/L | -0.0005 | 0.00036 | mg/L | 79.41% |
| Zn 213.856 | 151.7 | -0.0007 | 0.00026 | mg/L | -0.0007 | 0.00026 | mg/L | 35.64% |
| Mg 279.079 | -19.8 | 0.0115 | 0.00061 | mg/L | 0.0115 | 0.00061 | mg/L | 5.26% |
| Ca 317.933 | 372.4 | 0.0244 | 0.00012 | mg/L | 0.0244 | 0.00012 | mg/L | 0.51% |
| Sn 189.933 | 14.0 | -0.0042 | 0.00678 | mg/L | -0.0042 | 0.00678 | mg/L | 162.82% |
| Si 251.611 | 489.6 | 0.129 | 0.0100 | mg/L | 0.129 | 0.0100 | mg/L | 7.77% |
| Ag 328.068 | -128.8 | 0.0013 | 0.00029 | mg/L | 0.0013 | 0.00029 | mg/L | 22.09% |

Mean Data

ID: r blk Seq. No.: 33 Sample No.: 1 A/S Pos: 4
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 6:56:45 PM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | -61.8 | -0.0024 | 0.00383 | mg/L | | | | 159.79% |
| As 188.979 | -4.0 | -0.0226 | 0.01572 | mg/L | | | | 69.65% |
| B 208.959 | 19.0 | 0.0052 | 0.00517 | mg/L | | | | 99.40% |
| Ba 233.527 | -79.4 | 0.0012 | 0.00041 | mg/L | | | | 32.76% |
| Be 313.107 | -739.5 | 0.0002 | 0.00003 | mg/L | | | | 15.46% |
| Cd 214.438 | -61.4 | 0.0012 | 0.00052 | mg/L | | | | 41.69% |
| Co 228.616 | -4.1 | 0.0006 | 0.00004 | mg/L | | | | 6.28% |
| Cr 267.716 | 33.3 | -0.0011 | 0.00114 | mg/L | | | | 106.57% |
| Cu 324.754 | 315.1 | -0.0010 | 0.00006 | mg/L | | | | 6.27% |
| Fe 238.204 | 112.6 | 0.0022 | 0.00077 | mg/L | | | | 35.78% |
| Mn 257.610 | 13.3 | 0.0001 | 0.00008 | mg/L | | | | 62.28% |
| Mo 202.030 | -0.9 | -0.0025 | 0.00068 | mg/L | | | | 27.66% |
| Ni 231.604 | 15.4 | -0.0015 | 0.00103 | mg/L | | | | 68.33% |
| Pb 220.353 | -25.6 | 0.0010 | 0.00279 | mg/L | | | | 290.38% |
| Sb 206.833 | 17.8 | 0.0225 | 0.03834 | mg/L | | | | 170.73% |
| Se 196.026 | -9.9 | -0.0106 | 0.01564 | mg/L | | | | 147.64% |
| Sr 407.771 | -69.0 | 0.0000 | 0.00002 | mg/L | | | | 94.95% |
| Ti 334.941 | -118.3 | 0.0007 | 0.00035 | mg/L | | | | 51.00% |
| Tl 190.800 | -9.7 | 0.0001 | 0.01014 | mg/L | | | | >999.9% |
| V 292.402 | -9.5 | 0.0010 | 0.00063 | mg/L | | | | 63.49% |
| Zn 213.856 | 153.6 | -0.0005 | 0.00030 | mg/L | | | | 54.43% |
| Mg 279.079 | -25.8 | 0.0052 | 0.00909 | mg/L | | | | 175.60% |
| Ca 317.933 | 153.4 | 0.0012 | 0.00129 | mg/L | | | | 105.82% |
| Sn 189.933 | 16.9 | 0.0011 | 0.00539 | mg/L | | | | 495.43% |
| Si 251.611 | 335.2 | 0.0597 | 0.00403 | mg/L | | | | 6.74% |
| Ag 328.068 | -146.9 | 0.0001 | 0.00143 | mg/L | | | | >999.9% |

Mean Data

): ccv Seq. No.: 34 Sample No.: 2 A/S Pos: 7
mple Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 7:03:11 PM

| ement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| 396.152 | 2044.3 | 1.87 | 0.006 | mg/L | | | | 0.30% |
| 188.979 | 282.4 | 1.96 | 0.011 | mg/L | | | | 0.56% |
| 208.959 | 854.1 | 0.9557 | 0.01806 | mg/L | | | | 1.89% |
| 233.527 | 11067.5 | 1.946 | 0.0014 | mg/L | | | | 0.07% |
| 313.107 | 316533.4 | 0.9726 | 0.01103 | mg/L | | | | 1.13% |
| 214.438 | 8258.2 | 0.9636 | 0.00227 | mg/L | | | | 0.24% |
| 228.616 | 1876.8 | 0.977 | 0.0078 | mg/L | | | | 0.80% |
| 267.716 | 19737.1 | 1.950 | 0.0060 | mg/L | | | | 0.31% |
| 324.754 | 13935.4 | 0.9743 | 0.00032 | mg/L | | | | 0.03% |
| 238.204 | 8764.8 | 1.962 | 0.0006 | mg/L | | | | 0.03% |
| 257.610 | 32004.3 | 0.9771 | 0.00014 | mg/L | | | | 0.01% |
| 202.030 | 1390.1 | 0.976 | 0.0054 | mg/L | | | | 0.55% |
| 231.604 | 4343.2 | 0.9681 | 0.00121 | mg/L | | | | 0.13% |
| 220.353 | 1422.1 | 1.949 | 0.0151 | mg/L | | | | 0.77% |
| 206.833 | 358.7 | 1.93 | 0.056 | mg/L | | | | 2.92% |
| 196.026 | 442.8 | 1.94 | 0.030 | mg/L | | | | 1.52% |
| 407.771 | 588500.3 | 0.9729 | 0.01102 | mg/L | | | | 1.13% |
| 334.941 | 45768.6 | 0.9745 | 0.00139 | mg/L | | | | 0.14% |
| 190.800 | 184.0 | 1.93 | 0.019 | mg/L | | | | 0.98% |
| 292.402 | 11004.4 | 0.9859 | 0.00316 | mg/L | | | | 0.32% |
| 213.856 | 19327.4 | 1.944 | 0.0014 | mg/L | | | | 0.07% |
| 279.079 | 1848.4 | 2.01 | 0.012 | mg/L | | | | 0.61% |
| 317.933 | 19518.1 | 2.05 | 0.001 | mg/L | | | | 0.06% |
| 189.933 | 1116.9 | 2.00 | 0.004 | mg/L | | | | 0.20% |
| 251.611 | 5077.4 | 2.18 | 0.003 | mg/L | | | | 0.12% |
| 328.068 | 16246.7 | 1.09 | 0.002 | mg/L | | | | 0.22% |

an Data

: 571711 2.13 Seq. No.: 35 Sample No.: 26 A/S Pos: 44
mple Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 7:09:32 PM

| ement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| 396.152 | 228272.5 | 206 | 0.0 | mg/L | 206 | 0.0 | mg/L | 0.02% |
| 188.979 | 17.0 | 0.0592 | 0.03656 | mg/L | 0.0592 | 0.03656 | mg/L | 61.79% |
| 208.959 | 418.7 | 0.3662 | 0.01050 | mg/L | 0.3662 | 0.01050 | mg/L | 2.87% |
| 233.527 | 3464.3 | 0.6571 | 0.00357 | mg/L | 0.6571 | 0.00357 | mg/L | 0.54% |
| 313.107 | 3330.8 | 0.0127 | 0.00008 | mg/L | 0.0127 | 0.00008 | mg/L | 0.60% |
| 214.438 | 65.5 | 0.0050 | 0.00031 | mg/L | 0.0050 | 0.00031 | mg/L | 6.20% |
| 228.616 | 472.8 | 0.248 | 0.0025 | mg/L | 0.248 | 0.0025 | mg/L | 1.00% |
| 267.716 | 3648.3 | 0.3755 | 0.00021 | mg/L | 0.3755 | 0.00021 | mg/L | 0.06% |
| 324.754 | 6891.3 | 0.4324 | 0.00005 | mg/L | 0.4324 | 0.00005 | mg/L | 0.01% |
| 238.204 | 1719453.1 | 389.4 | 4.25 | mg/L | 389.4 | 4.25 | mg/L | 1.09% |
| 257.610 | 226492.3 | 6.910 | 0.0040 | mg/L | 6.910 | 0.0040 | mg/L | 0.06% |
| 202.030 | 159.9 | 0.111 | 0.0016 | mg/L | 0.111 | 0.0016 | mg/L | 1.41% |
| 231.604 | 2616.6 | 0.5813 | 0.00596 | mg/L | 0.5813 | 0.00596 | mg/L | 1.02% |
| 220.353 | 157.7 | 0.2964 | 0.00947 | mg/L | 0.2964 | 0.00947 | mg/L | 3.20% |
| 206.833 14 | -0.7 | 0.0900 | 0.03588 | mg/L | 0.0900 | 0.03588 | mg/L | 39.86% |
| 196.026 | 4.1 | 0.0499 | 0.01498 | mg/L | 0.0499 | 0.01498 | mg/L | 30.05% |
| 407.771 | 735478.3 | 1.184 | 0.0140 | mg/L | 1.184 | 0.0140 | mg/L | 1.18% |
| 334.941 | 109840.2 | 2.334 | 0.0022 | mg/L | 2.334 | 0.0022 | mg/L | 0.09% |
| 190.800 | -17.3 | -0.139 | 0.0090 | mg/L | -0.139 | 0.0090 | mg/L | 6.52% |
| 92.402 | 5493.9 | 0.4189 | 0.00230 | mg/L | 0.4189 | 0.00230 | mg/L | 0.55% |
| 213.856 | 11187.7 | 0.9694 | 0.00060 | mg/L | 0.9694 | 0.00060 | mg/L | 0.06% |
| 279.079 | 454961.6 | 488 | 5.8 | mg/L | 488 | 5.8 | mg/L | 1.19% |
| 317.933 | 8242174.5 | 872 | 9.8 | mg/L | 872 | 9.8 | mg/L | 1.12% |
| 189.933 | 12.3 | -0.0073 | 0.00146 | mg/L | -0.0073 | 0.00146 | mg/L | 19.95% |
| 251.611 | 59863.9 | 26.6 | 0.05 | mg/L | 26.6 | 0.05 | mg/L | 0.20% |
| 328.068 | -480.8 | -0.0222 | 0.00042 | mg/L | -0.0222 | 0.00042 | mg/L | 1.89% |

n Data

571712 2.09 Seq. No.: 36 Sample No.: 27 A/S Pos: 45
ple Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 7:15:51 PM

ENTACT

environmental tactics in waste management

July 15, 2000

Ms. Gwen Massenburg
SR-6J
USEPA Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3507

**Re:** Sample Quality Control Report Data Pages
Master Metals Site, Cleveland, Michigan
Docket No. V-W-'98-C-483

Dear Ms. Massenburg:

Please find attached pages 17 through 37 of the March 26, 2000 ICP QC Report attached to the environmental sample collected at the Master Metals Cleveland Site on February 29, 2000.

Please call me at 630.616.2100 if you have any questions regarding this submittal.

Sincerely,

Patrick Dunne
ENTACT

(attachments)

cc: Mr. Terry Casey, Efficasey L.L.C (w/o attachments)

Chicago Office
1360 North Wood Dale Road, Suite A • Wood Dale, IL 60191 • 630 616 2100 • Fax 630.616 9203
Chicago • Dallas • Indianapolis

| lement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 182405.0 | 164 | 1.9 | mg/L | 164 | 1.9 | mg/L | 1.15% |
| s 188.979 | 19.9 | 0.0856 | 0.04086 | mg/L | 0.0856 | 0.04086 | mg/L | 47.72% |
| 208.959 | 302.1 | 0.2344 | 0.00052 | mg/L | 0.2344 | 0.00052 | mg/L | 0.22% |
| a 233.527 | 5893.3 | 1.079 | 0.0053 | mg/L | 1.079 | 0.0053 | mg/L | 0.49% |
| e 313.107 | 2599.6 | 0.0104 | 0.00022 | mg/L | 0.0104 | 0.00022 | mg/L | 2.09% |
| d 214.438 | 63.0 | 0.0007 | 0.00013 | mg/L | 0.0007 | 0.00013 | mg/L | 19.87% |
| o 228.616 | 448.4 | 0.235 | 0.0026 | mg/L | 0.235 | 0.0026 | mg/L | 1.12% |
| r 267.716 | 3098.7 | 0.3205 | 0.00564 | mg/L | 0.3205 | 0.00564 | mg/L | 1.76% |
| u 324.754 | 7194.6 | 0.4561 | 0.00749 | mg/L | 0.4561 | 0.00749 | mg/L | 1.64% |
| e 238.204 | 1630896.6 | 369.4 | 4.57 | mg/L | 369.4 | 4.57 | mg/L | 1.24% |
| n 257.610 | 216767.2 | 6.613 | 0.0737 | mg/L | 6.613 | 0.0737 | mg/L | 1.12% |
| o 202.030 | 205.9 | 0.143 | 0.0026 | mg/L | 0.143 | 0.0026 | mg/L | 1.79% |
| i 231.604 | 2491.7 | 0.5533 | 0.00537 | mg/L | 0.5533 | 0.00537 | mg/L | 0.97% |
| b 220.353 14 | 163.7 | 0.2947 | 0.00456 | mg/L | 0.2947 | 0.00456 | mg/L | 1.55% |
| b 206.833 | -5.2 | 0.0557 | 0.04090 | mg/L | 0.0557 | 0.04090 | mg/L | 73.40% |
| e 196.026 | 7.8 | 0.0659 | 0.00094 | mg/L | 0.0659 | 0.00094 | mg/L | 1.42% |
| r 407.771 | 662641.6 | 1.066 | 0.0137 | mg/L | 1.066 | 0.0137 | mg/L | 1.28% |
| i 334.941 | 104165.7 | 2.214 | 0.0330 | mg/L | 2.214 | 0.0330 | mg/L | 1.49% |
| l 190.800 | -14.8 | -0.114 | 0.0550 | mg/L | -0.114 | 0.0550 | mg/L | 48.12% |
| 292.402 | 4727.1 | 0.3547 | 0.00204 | mg/L | 0.3547 | 0.00204 | mg/L | 0.57% |
| n 213.856 | 10244.2 | 0.8839 | 0.00744 | mg/L | 0.8839 | 0.00744 | mg/L | 0.84% |
| g 279.079 | 414707.5 | 445 | 5.5 | mg/L | 445 | 5.5 | mg/L | 1.23% |
| a 317.933 | 7654372.0 | 810 | 10.3 | mg/L | 810 | 10.3 | mg/L | 1.27% |
| n 189.933 | 4.5 | -0.0214 | 0.00166 | mg/L | -0.0214 | 0.00166 | mg/L | 7.77% |
| i 251.611 | 66284.4 | 29.5 | 0.49 | mg/L | 29.5 | 0.49 | mg/L | 1.65% |
| g 328.068 | -433.9 | -0.0190 | 0.00052 | mg/L | -0.0190 | 0.00052 | mg/L | 2.74% |

Mean Data ----------

ID: 571713 2.23 Seq. No.: 37 Sample No.: 28 A/S Pos: 46
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 7:22:13 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 205787.6 | 185 | 3.3 | mg/L | 185 | 3.3 | mg/L | 1.79% |
| As 188.979 | 22.9 | 0.101 | 0.0088 | mg/L | 0.101 | 0.0088 | mg/L | 8.73% |
| B 208.959 | 337.1 | 0.2678 | 0.00086 | mg/L | 0.2678 | 0.00086 | mg/L | 0.32% |
| Ba 233.527 | 2720.9 | 0.5282 | 0.00311 | mg/L | 0.5282 | 0.00311 | mg/L | 0.59% |
| Be 313.107 | 2886.9 | 0.0113 | 0.00039 | mg/L | 0.0113 | 0.00039 | mg/L | 3.46% |
| Cd 214.438 | 62.0 | 0.0038 | 0.00027 | mg/L | 0.0038 | 0.00027 | mg/L | 7.10% |
| Co 228.616 | 469.3 | 0.246 | 0.0004 | mg/L | 0.246 | 0.0004 | mg/L | 0.17% |
| Cr 267.716 | 3411.2 | 0.3526 | 0.00445 | mg/L | 0.3526 | 0.00445 | mg/L | 1.26% |
| Cu 324.754 | 7343.3 | 0.4640 | 0.00669 | mg/L | 0.4640 | 0.00669 | mg/L | 1.44% |
| Fe 238.204 | 1754075.8 | 397.2 | 3.59 | mg/L | 397.2 | 3.59 | mg/L | 0.90% |
| Mn 257.610 | 233364.8 | 7.119 | 0.1168 | mg/L | 7.119 | 0.1168 | mg/L | 1.64% |
| Mo 202.030 | 186.3 | 0.129 | 0.0002 | mg/L | 0.129 | 0.0002 | mg/L | 0.14% |
| Ni 231.604 | 2567.6 | 0.5703 | 0.00230 | mg/L | 0.5703 | 0.00230 | mg/L | 0.40% |
| Pb 220.353 14 | 168.6 | 0.3062 | 0.00805 | mg/L | 0.3062 | 0.00805 | mg/L | 2.63% |
| Sb 206.833 | -5.7 | 0.0652 | 0.01311 | mg/L | 0.0652 | 0.01311 | mg/L | 20.10% |
| Se 196.026 | 4.0 | 0.0496 | 0.00705 | mg/L | 0.0496 | 0.00705 | mg/L | 14.22% |
| Sr 407.771 | 644025.4 | 1.033 | 0.0095 | mg/L | 1.033 | 0.0095 | mg/L | 0.92% |
| Ti 334.941 | 113915.4 | 2.421 | 0.0428 | mg/L | 2.421 | 0.0428 | mg/L | 1.77% |
| Tl 190.800 | -16.4 | -0.136 | 0.0024 | mg/L | -0.136 | 0.0024 | mg/L | 1.79% |
| V 292.402 | 5203.8 | 0.3919 | 0.00418 | mg/L | 0.3919 | 0.00418 | mg/L | 1.07% |
| Zn 213.856 | 11572.9 | 1.006 | 0.0150 | mg/L | 1.006 | 0.0150 | mg/L | 1.50% |
| Mg 279.079 | 457984.8 | 491 | 5.2 | mg/L | 491 | 5.2 | mg/L | 1.06% |
| Ca 317.933 | 8388655.2 | 887 | 8.2 | mg/L | 887 | 8.2 | mg/L | 0.92% |
| Sn 189.933 | 8.3 | -0.0146 | 0.00889 | mg/L | -0.0146 | 0.00889 | mg/L | 61.03% |
| Si 251.611 | 54537.0 | 24.2 | 0.52 | mg/L | 24.2 | 0.52 | mg/L | 2.13% |
| Ag 328.068 | -485.0 | -0.0224 | 0.00119 | mg/L | -0.0224 | 0.00119 | mg/L | 5.31% |

Mean Data ----------

ID: 571715 2.15 Seq. No.: 38 Sample No.: 29 A/S Pos: 47
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 7:28:40 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 211008.9 | 190 | 1.2 | mg/L | 190 | 1.2 | mg/L | 0.61% |
| As 188.979 | 16.5 | 0.0504 | 0.01810 | mg/L | 0.0504 | 0.01810 | mg/L | 35.94% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| B 208.959 | 330.7 | 0.2719 | 0.00413 mg/L | 0.2719 | 0.00413 mg/L | 1.52% |
| Ba 233.527 | 3878.8 | 0.7262 | 0.00875 mg/L | 0.7262 | 0.00875 mg/L | 1.20% |
| Be 313.107 | 2839.2 | 0.0112 | 0.00013 mg/L | 0.0112 | 0.00013 mg/L | 1.16% |
| Cd 214.438 | 46.8 | 0.0038 | 0.00030 mg/L | 0.0038 | 0.00030 mg/L | 7.76% |
| Co 228.616 | 428.5 | 0.225 | 0.0031 mg/L | 0.225 | 0.0031 mg/L | 1.38% |
| Cr 267.716 | 3441.5 | 0.3520 | 0.00198 mg/L | 0.3520 | 0.00198 mg/L | 0.56% |
| Cu 324.754 | 6085.6 | 0.3779 | 0.00440 mg/L | 0.3779 | 0.00440 mg/L | 1.17% |
| Fe 238.204 | 1572926.4 | 356.2 | 1.51 mg/L | 356.2 | 1.51 mg/L | 0.43% |
| Mn 257.610 | 225395.9 | 6.876 | 0.0337 mg/L | 6.876 | 0.0337 mg/L | 0.49% |
| Mo 202.030 | 123.1 | 0.0848 | 0.00344 mg/L | 0.0848 | 0.00344 mg/L | 4.06% |
| Ni 231.604 12 | 2228.9 | 0.4944 | 0.00645 mg/L | 0.4944 | 0.00645 mg/L | 1.30% |
| Pb 220.353 | 135.0 | 0.2622 | 0.00349 mg/L | 0.2622 | 0.00349 mg/L | 1.33% |
| Sb 206.833 | -1.6 | 0.0704 | 0.00971 mg/L | 0.0704 | 0.00971 mg/L | 13.79% |
| Se 196.026 | -2.1 | 0.0232 | 0.02555 mg/L | 0.0232 | 0.02555 mg/L | 110.17% |
| Sr 407.771 | 634220.4 | 1.013 | 0.0042 mg/L | 1.013 | 0.0042 mg/L | 0.42% |
| Ti 334.941 | 141964.5 | 3.016 | 0.0336 mg/L | 3.016 | 0.0336 mg/L | 1.11% |
| Tl 190.800 | -9.0 | -0.0774 | 0.00416 mg/L | -0.0774 | 0.00416 mg/L | 5.38% |
| V 292.402 | 5317.5 | 0.4092 | 0.00670 mg/L | 0.4092 | 0.00670 mg/L | 1.64% |
| Zn 213.856 | 11189.6 | 0.9531 | 0.01287 mg/L | 0.9531 | 0.01287 mg/L | 1.35% |
| Mg 279.079 | 473619.9 | 508 | 2.7 mg/L | 508 | 2.7 mg/L | 0.53% |
| Ca 317.933 | 9780573.9 | 1030 | 11.1 mg/L | 1030 | 11.1 mg/L | 1.07% |
| Sn 189.933 | -5.0 | -0.0387 | 0.00081 mg/L | -0.0387 | 0.00081 mg/L | 2.10% |
| Si 251.611 | 54177.4 | 24.1 | 0.34 mg/L | 24.1 | 0.34 mg/L | 1.42% |
| Ag 328.068 | -492.2 | -0.0229 | 0.00010 mg/L | -0.0229 | 0.00010 mg/L | 0.43% |

Mean Data

ID: 571753 2.07 Seq. No.: 39 Sample No.: 30 A/S Pos: 48
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 7:35:12 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 9,300 | 213547.4 | 192 | 1.8 | mg/L | 192 | 1.8 | mg/L | 0.95% |
| As 188.979 6.6 | 28.6 | 0.137 | 0.0118 | mg/L | 0.137 | 0.0118 | mg/L | 8.57% |
| B 208.959 | 251.4 | 0.1466 | 0.00434 | mg/L | 0.1466 | 0.00434 | mg/L | 2.96% |
| Ba 233.527 44 | 4823.8 | 0.9020 | 0.00512 | mg/L | 0.9020 | 0.00512 | mg/L | 0.57% |
| Be 313.107 0.53 | 2738.5 | 0.0109 | 0.00012 | mg/L | 0.0109 | 0.00012 | mg/L | 1.07% |
| Cd 214.438 < | 95.1 | 0.0049 | 0.00042 | mg/L | 0.0049 | 0.00042 | mg/L | 8.61% |
| Co 228.616 9.3 | 366.8 | 0.193 | 0.0005 | mg/L | 0.193 | 0.0005 | mg/L | 0.28% |
| Cr 267.716 16 | 3190.6 | 0.3350 | 0.00249 | mg/L | 0.3350 | 0.00249 | mg/L | 0.74% |
| Cu 324.754 | 5544.6 | 0.3283 | 0.00344 | mg/L | 0.3283 | 0.00344 | mg/L | 1.05% |
| Fe 238.204 | 2071210.0 | 469.1 | 4.05 | mg/L | 469.1 | 4.05 | mg/L | 0.86% |
| Mn 257.610 | 337895.8 | 10.31 | 0.088 | mg/L | 10.31 | 0.088 | mg/L | 0.85% |
| Mo 202.030 | 132.9 | 0.0917 | 0.00364 | mg/L | 0.0917 | 0.00364 | mg/L | 3.97% |
| Ni 231.604 20 | 1878.4 | 0.4159 | 0.00589 | mg/L | 0.4159 | 0.00589 | mg/L | 1.42% |
| Pb .353 18 | 222.6 | 0.3805 | 0.00009 | mg/L | 0.3805 | 0.00009 | mg/L | 0.02% |
| Sb 206.833 < | -15.0 | 0.0442 | 0.00461 | mg/L | 0.0442 | 0.00461 | mg/L | 10.44% |
| Se 196.026 - | -3.0 | 0.0191 | 0.00022 | mg/L | 0.0191 | 0.00022 | mg/L | 1.13% |
| Sr 407.771 | 312286.5 | 0.4823 | 0.00434 | mg/L | 0.4823 | 0.00434 | mg/L | 0.90% |
| Ti 334.941 | 115931.0 | 2.464 | 0.0240 | mg/L | 2.464 | 0.0240 | mg/L | 0.98% |
| Tl 190.800 | -17.0 | -0.143 | 0.0585 | mg/L | -0.143 | 0.0585 | mg/L | 40.97% |
| V 292.402 21 | 5792.1 | 0.4313 | 0.00348 | mg/L | 0.4313 | 0.00348 | mg/L | 0.81% |
| Zn 213.856 | 12433.3 | 1.083 | 0.0072 | mg/L | 1.083 | 0.0072 | mg/L | 0.66% |
| Mg 279.079 | 505122.3 | 542 | 5.0 | mg/L | 542 | 5.0 | mg/L | 0.93% |
| Ca 317.933 | 8593211.1 | 909 | 11.4 | mg/L | 909 | 11.4 | mg/L | 1.25% |
| Sn 189.933 | 2.0 | -0.0259 | 0.00965 | mg/L | -0.0259 | 0.00965 | mg/L | 37.21% |
| Si 251.611 | 45492.0 | 20.2 | 0.22 | mg/L | 20.2 | 0.22 | mg/L | 1.09% |
| Ag 328.068 | -541.2 | -0.0262 | 0.00063 | mg/L | -0.0262 | 0.00063 | mg/L | 2.40% |

Mean Data

ID: 571754 2.27 Seq. No.: 40 Sample No.: 31 A/S Pos: 49
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 7:41:38 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 3,000 | 75334.2 | 67.1 | 1.09 | mg/L | 67.1 | 1.09 | mg/L | 1.63% |
| As 188.979 0.4 | 42.0 | 0.191 | 0.0105 | mg/L | 0.191 | 0.0105 | mg/L | 5.47% |
| B 208.959 | 218.8 | 0.1645 | 0.00544 | mg/L | 0.1645 | 0.00544 | mg/L | 3.31% |
| Ba 233.527 12 | 1261.2 | 0.2611 | 0.00099 | mg/L | 0.2611 | 0.00099 | mg/L | 0.38% |
| Be 313.107 < | 688.5 | 0.0046 | 0.00004 | mg/L | 0.0046 | 0.00004 | mg/L | 0.95% |
| Cd 214.438 < | 46.0 | 0.0028 | 0.00023 | mg/L | 0.0028 | 0.00023 | mg/L | 8.21% |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| o 228.616 5.7 | 245.6 | 0.130 | 0.0002 | mg/L | 0.130 | 0.0002 | mg/L | 0.12% |
| r 267.716 6.9 | 1667.5 | 0.1575 | 0.00443 | mg/L | 0.1575 | 0.00443 | mg/L | 2.81% |
| u 324.754 8.4 | 3367.0 | 0.1916 | 0.00326 | mg/L | 0.1916 | 0.00326 | mg/L | 1.70% |
| e 238.204 | 1188217.4 | 269.1 | 1.69 | mg/L | 269.1 | 1.69 | mg/L | 0.63% |
| n 257.610 | 192742.1 | 5.871 | 0.0363 | mg/L | 5.871 | 0.0363 | mg/L | 0.62% |
| o 202.030 | 83.9 | 0.0572 | 0.00469 | mg/L | 0.0572 | 0.00469 | mg/L | 8.21% |
| i 231.604 10 | 1036.7 | 0.2273 | 0.00031 | mg/L | 0.2273 | 0.00031 | mg/L | 0.14% |
| b 220.353 7.3 | 96.1 | 0.1648 | 0.00203 | mg/L | 0.1648 | 0.00203 | mg/L | 1.23% |
| b 206.833 < | 6.6 | 0.0781 | 0.01017 | mg/L | 0.0781 | 0.01017 | mg/L | 13.02% |
| e 196.026 | 8.2 | 0.0675 | 0.00531 | mg/L | 0.0675 | 0.00531 | mg/L | 7.88% |
| r 407.771 | 401104.2 | 0.6112 | 0.00363 | mg/L | 0.6112 | 0.00363 | mg/L | 0.59% |
| i 334.941 | 92663.0 | 1.970 | 0.0326 | mg/L | 1.970 | 0.0326 | mg/L | 1.66% |
| l 190.800 | -11.4 | -0.219 | 0.0163 | mg/L | -0.219 | 0.0163 | mg/L | 7.46% |
| 292.402 11 | 3416.8 | 0.2565 | 0.00508 | mg/L | 0.2565 | 0.00508 | mg/L | 1.98% |
| n 213.856 | 7761.3 | 0.5115 | 0.00387 | mg/L | 0.5115 | 0.00387 | mg/L | 0.76% |
| g 279.079 | 972348.8 | 1040 | 8.0 | mg/L | 1040 | 8.0 | mg/L | 0.77% |
| a 317.933 | 16772256.1 | 1770 | 22.7 | mg/L | 1770 | 22.7 | mg/L | 1.28% |
| n 189.933 | -35.0 | -0.0930 | 0.00333 | mg/L | -0.0930 | 0.00333 | mg/L | 3.58% |
| i 251.611 | 66090.1 | 29.4 | 0.58 | mg/L | 29.4 | 0.58 | mg/L | 1.99% |
| g 328.068 | -524.5 | -0.0251 | 0.00117 | mg/L | -0.0251 | 0.00117 | mg/L | 4.65% |

Mean Data

ID: 571875 2.00 Seq. No.: 41 Sample No.: 32 A/S Pos: 50
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 7:47:59 PM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 190894.8 | 172 | 3.2 | mg/L | 172 | 3.2 | mg/L | 1.84% |
| s 188.979 | 10.1 | 0.0640 | 0.02530 | mg/L | 0.0640 | 0.02530 | mg/L | 39.56% |
| 208.959 | 202.1 | 0.1718 | 0.00562 | mg/L | 0.1718 | 0.00562 | mg/L | 3.27% |
| a 233.527 74 | 16736.8 | 2.952 | 0.0218 | mg/L | 2.952 | 0.0218 | mg/L | 0.74% |
| e 313.107 | 2046.4 | 0.0087 | 0.00011 | mg/L | 0.0087 | 0.00011 | mg/L | 1.29% |
| d 214.438 < | -10.2 | 0.0042 | 0.00023 | mg/L | 0.0042 | 0.00023 | mg/L | 5.38% |
| o 228.616 | 152.6 | 0.0706 | 0.00040 | mg/L | 0.0706 | 0.00040 | mg/L | 0.57% |
| r 267.716 4.3 | 1665.4 | 0.1739 | 0.00074 | mg/L | 0.1739 | 0.00074 | mg/L | 0.43% |
| u 324.754 | 2186.9 | 0.1163 | 0.00357 | mg/L | 0.1163 | 0.00357 | mg/L | 3.07% |
| e 238.204 | 768419.6 | 174.0 | 2.84 | mg/L | 174.0 | 2.84 | mg/L | 1.63% |
| n 257.610 | 118649.5 | 3.623 | 0.0262 | mg/L | 3.623 | 0.0262 | mg/L | 0.72% |
| o 202.030 | 15.5 | 0.0091 | 0.00071 | mg/L | 0.0091 | 0.00071 | mg/L | 7.74% |
| i 231.604 | 572.3 | 0.1233 | 0.00111 | mg/L | 0.1233 | 0.00111 | mg/L | 0.90% |
| b 220.353 3.6 | 50.5 | 0.1441 | 0.00129 | mg/L | 0.1441 | 0.00129 | mg/L | 0.90% |
| b 206.833 | 8.5 | 0.0466 | 0.00629 | mg/L | 0.0466 | 0.00629 | mg/L | 13.48% |
| e 196.026 | -6.6 | 0.0040 | 0.04937 | mg/L | 0.0040 | 0.04937 | mg/L | >999.9% |
| r 407.771 | 782835.3 | 1.283 | 0.0214 | mg/L | 1.283 | 0.0214 | mg/L | 1.67% |
| i 334.941 | 315847.1 | 6.706 | 0.1271 | mg/L | 6.706 | 0.1271 | mg/L | 1.90% |
| l 190.800 | -11.7 | -0.0211 | 0.03500 | mg/L | -0.0211 | 0.03500 | mg/L | 165.83% |
| 292.402 | 4463.0 | 0.3656 | 0.00306 | mg/L | 0.3656 | 0.00306 | mg/L | 0.84% |
| Zn 213.856 | 5717.4 | 0.5174 | 0.00339 | mg/L | 0.5174 | 0.00339 | mg/L | 0.66% |
| Mg 279.079 | 87646.7 | 94.0 | 0.70 | mg/L | 94.0 | 0.70 | mg/L | 0.74% |
| Ca 317.933 | 2556213.8 | 270 | 4.6 | mg/L | 270 | 4.6 | mg/L | 1.70% |
| Sn 189.933 | 33.5 | 0.0311 | 0.00328 | mg/L | 0.0311 | 0.00328 | mg/L | 10.54% |
| Si 251.611 | 55174.0 | 24.5 | 0.24 | mg/L | 24.5 | 0.24 | mg/L | 0.96% |
| Ag 328.068 | -286.0 | -0.0092 | 0.00066 | mg/L | -0.0092 | 0.00066 | mg/L | 7.22% |

Mean Data

ID: 571876 2.17 Seq. No.: 42 Sample No.: 33 A/S Pos: 51
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 7:54:12 PM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 214151.5 | 193 | 1.0 | mg/L | 193 | 1.0 | mg/L | 0.50% |
| As 188.979 | 9.8 | 0.0497 | 0.00092 | mg/L | 0.0497 | 0.00092 | mg/L | 1.84% |
| B 208.959 | 189.3 | 0.1523 | 0.00004 | mg/L | 0.1523 | 0.00004 | mg/L | 0.03% |
| Ba 233.527 130 | 15540.5 | 2.745 | 0.0185 | mg/L | 2.745 | 0.0185 | mg/L | 0.67% |
| Be 313.107 | 2387.2 | 0.0098 | 0.00013 | mg/L | 0.0098 | 0.00013 | mg/L | 1.38% |
| Cd 214.438 < | -0.6 | 0.0051 | 0.00075 | mg/L | 0.0051 | 0.00075 | mg/L | 14.57% |
| Co 228.616 | 160.9 | 0.0746 | 0.00120 | mg/L | 0.0746 | 0.00120 | mg/L | 1.60% |
| Cr 267.716 8.9 | 1849.4 | 0.1933 | 0.00218 | mg/L | 0.1933 | 0.00218 | mg/L | 1.13% |
| Cu 324.754 | 2264.6 | 0.1203 | 0.00129 | mg/L | 0.1203 | 0.00129 | mg/L | 1.07% |
| Fe 238.204 | 837966.9 | 189.8 | 0.60 | mg/L | 189.8 | 0.60 | mg/L | 0.32% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| : 257.610 | 141935.3 | 4.334 | 0.0349 mg/L | 4.334 | 0.0349 mg/L | 0.81% |
| ) 202.030 | 3.3 | 0.0005 | 0.00160 mg/L | 0.0005 | 0.00160 mg/L | 316.32% |
| _ 231.604 | 628.0 | 0.1357 | 0.00076 mg/L | 0.1357 | 0.00076 mg/L | 0.56% |
| ) 220.353 7.4 | 59.0 | 0.1605 | 0.01228 mg/L | 0.1605 | 0.01228 mg/L | 7.65% |
| ) 206.833 | 7.4 | 0.0478 | 0.00781 mg/L | 0.0478 | 0.00781 mg/L | 16.36% |
| e 196.026 | -8.6 | -0.0049 | 0.00840 mg/L | -0.0049 | 0.00840 mg/L | 170.34% |
| r 407.771 | 1043183.2 | 1.711 | 0.0041 mg/L | 1.711 | 0.0041 mg/L | 0.24% |
| : 334.941 | 324659.5 | 6.893 | 0.0345 mg/L | 6.893 | 0.0345 mg/L | 0.50% |
| l 190.800 | -11.7 | -0.0250 | 0.00194 mg/L | -0.0250 | 0.00194 mg/L | 7.75% |
| 292.402 | 4813.9 | 0.3938 | 0.00504 mg/L | 0.3938 | 0.00504 mg/L | 1.28% |
| n 213.856 | 6317.6 | 0.5687 | 0.00447 mg/L | 0.5687 | 0.00447 mg/L | 0.79% |
| g 279.079 | 98915.2 | 106 | 1.0 mg/L | 106 | 1.0 mg/L | 0.92% |
| a 317.933 | 3232496.3 | 342 | 0.9 mg/L | 342 | 0.9 mg/L | 0.27% |
| n 189.933 | 26.9 | 0.0192 | 0.00721 mg/L | 0.0192 | 0.00721 mg/L | 37.60% |
| : 251.611 | 39085.7 | 17.4 | 0.16 mg/L | 17.4 | 0.16 mg/L | 0.94% |
| g 328.068 | -298.6 | -0.0100 | 0.00149 mg/L | -0.0100 | 0.00149 mg/L | 14.89% |

ean Data ---------- 3/23 am ICP2

D: 571527 rd 2.17 Seq. No.: 43 Sample No.: 34 A/S Pos: 52

ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0

Data: Original Date: 3/26/00 8:00:28 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 3[illegible] 152 | 37032.2 | 33.1 | 0.46 | mg/L | 33.1 | 0.46 | mg/L | 1.40% |
| s 1[illegible]979 | 6.0 | 0.0052 | 0.00443 | mg/L | 0.0052 | 0.00443 | mg/L | 84.80% |
| 208.959 | 144.6 | 0.1254 | 0.00276 | mg/L | 0.1254 | 0.00276 | mg/L | 2.20% |
| a 233.527 | 463.7 | 0.1055 | 0.00042 | mg/L | 0.1055 | 0.00042 | mg/L | 0.40% |
| e 313.107 | 3.0 | 0.0025 | 0.00009 | mg/L | 0.0025 | 0.00009 | mg/L | 3.60% |
| d 214.438 | -11.0 | 0.0051 | 0.00287 | mg/L | 0.0051 | 0.00287 | mg/L | 56.69% |
| o 228.616 | 96.0 | 0.0525 | 0.00334 | mg/L | 0.0525 | 0.00334 | mg/L | 6.35% |
| r 267.716 | 934.5 | 0.0871 | 0.00249 | mg/L | 0.0871 | 0.00249 | mg/L | 2.86% |
| : 324.754 | 1861.3 | 0.1002 | 0.00082 | mg/L | 0.1002 | 0.00082 | mg/L | 0.82% |
| e 238.204 | 435059.9 | 98.50 | 0.886 | mg/L | 98.50 | 0.886 | mg/L | 0.90% |
| n 257.610 | 88897.0 | 2.709 | 0.0331 | mg/L | 2.709 | 0.0331 | mg/L | 1.22% |
| o 202.030 | 31.2 | 0.0201 | 0.00054 | mg/L | 0.0201 | 0.00054 | mg/L | 2.67% |
| i 231.604 | 372.3 | 0.0784 | 0.00201 | mg/L | 0.0784 | 0.00201 | mg/L | 2.56% |
| b 220.353 4.0 | 38.5 | 0.0872 | 0.00805 | mg/L | 0.0872 | 0.00805 | mg/L | 9.23% |
| b 206.833 | 16.3 | 0.0579 | 0.00927 | mg/L | 0.0579 | 0.00927 | mg/L | 16.00% |
| e 196.026 | -9.3 | -0.0079 | 0.05427 | mg/L | -0.0079 | 0.05427 | mg/L | 685.07% |
| r 407.771 | 179399.8 | 0.2767 | 0.00225 | mg/L | 0.2767 | 0.00225 | mg/L | 0.81% |
| i 334.941 | 90736.0 | 1.929 | 0.0276 | mg/L | 1.929 | 0.0276 | mg/L | 1.43% |
| l 190.800 | -10.5 | -0.0927 | 0.05244 | mg/L | -0.0927 | 0.05244 | mg/L | 56.60% |
| 292.402 | 1802.3 | 0.1438 | 0.00223 | mg/L | 0.1438 | 0.00223 | mg/L | 1.55% |
| n 213.856 | 4990.3 | 0.3841 | 0.00757 | mg/L | 0.3841 | 0.00757 | mg/L | 1.97% |
| g 2[illegible]079 | 352419.2 | 378 | 3.8 | mg/L | 378 | 3.8 | mg/L | 1.01% |
| a 3[illegible].933 | 7044765.9 | 745 | 6.4 | mg/L | 745 | 6.4 | mg/L | 0.86% |
| n 189.933 | 10.2 | -0.0111 | 0.00397 | mg/L | -0.0111 | 0.00397 | mg/L | 35.74% |
| i 251.611 | 37957.3 | 16.8 | 0.22 | mg/L | 16.8 | 0.22 | mg/L | 1.32% |
| g 328.068 | -301.3 | -0.0102 | 0.00223 | mg/L | -0.0102 | 0.00223 | mg/L | 21.87% |

ean Data ----------

D: xxx Seq. No.: 44 Sample No.: 35 A/S Pos: 53

ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0

Data: Original Date: 3/26/00 8:06:49 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | -75.4 | -0.0147 | 0.00112 | mg/L | -0.0147 | 0.00112 | mg/L | 7.62% |
| s 188.979 | -2.1 | -0.0097 | 0.00958 | mg/L | -0.0097 | 0.00958 | mg/L | 99.16% |
| 208.959 | 14.2 | -0.0004 | 0.00448 | mg/L | -0.0004 | 0.00448 | mg/L | >999.9% |
| Ba 233.527 | -79.7 | 0.0012 | 0.00017 | mg/L | 0.0012 | 0.00017 | mg/L | 14.42% |
| Be 313.107 | -767.5 | 0.0001 | 0.00001 | mg/L | 0.0001 | 0.00001 | mg/L | 12.14% |
| Cd 214.438 | -62.7 | 0.0011 | 0.00013 | mg/L | 0.0011 | 0.00013 | mg/L | 12.34% |
| Co 228.616 | -1.6 | 0.0019 | 0.00313 | mg/L | 0.0019 | 0.00313 | mg/L | 165.80% |
| Cr 267.716 | 15.1 | -0.0029 | 0.00106 | mg/L | -0.0029 | 0.00106 | mg/L | 36.84% |
| Cu 324.754 | 296.8 | -0.0023 | 0.00051 | mg/L | -0.0023 | 0.00051 | mg/L | 22.10% |
| Fe 238.204 | 112.4 | 0.0021 | 0.00091 | mg/L | 0.0021 | 0.00091 | mg/L | 43.17% |
| Mn 257.610 | 13.2 | 0.0001 | 0.00016 | mg/L | 0.0001 | 0.00016 | mg/L | 136.60% |
| Mo 202.030 | 5.0 | 0.0017 | 0.00154 | mg/L | 0.0017 | 0.00154 | mg/L | 91.23% |
| Ni 231.604 | 18.4 | -0.0008 | 0.00060 | mg/L | -0.0008 | 0.00060 | mg/L | 71.89% |
| Pb 220.353 | -26.8 | -0.0007 | 0.00442 | mg/L | -0.0007 | 0.00442 | mg/L | 662.64% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| o 206.833 | 15.9 | 0.0116 | 0.00118 mg/L | 0.0116 | 0.00118 mg/L | 10.18% |
| e 196.026 | -7.8 | -0.0014 | 0.00036 mg/L | -0.0014 | 0.00036 mg/L | 25.48% |
| r 407.771 | -102.3 | -0.0001 | 0.00002 mg/L | -0.0001 | 0.00002 mg/L | 22.04% |
| i 334.941 | -108.6 | 0.0009 | 0.00017 mg/L | 0.0009 | 0.00017 mg/L | 19.60% |
| l 190.800 | -13.7 | -0.0402 | 0.01037 mg/L | -0.0402 | 0.01037 mg/L | 25.78% |
| 292.402 | -9.7 | 0.0010 | 0.00038 mg/L | 0.0010 | 0.00038 mg/L | 38.37% |
| n 213.856 | 158.0 | -0.0001 | 0.00001 mg/L | -0.0001 | 0.00001 mg/L | 11.60% |
| g 279.079 | -25.4 | 0.0055 | 0.01049 mg/L | 0.0055 | 0.01049 mg/L | 189.92% |
| a 317.933 | 200.4 | 0.0062 | 0.00141 mg/L | 0.0062 | 0.00141 mg/L | 22.78% |
| n 189.933 | 18.4 | 0.0038 | 0.00264 mg/L | 0.0038 | 0.00264 mg/L | 69.69% |
| i 251.611 | 271.1 | 0.0311 | 0.00629 mg/L | 0.0311 | 0.00629 mg/L | 20.22% |
| g 328.068 | -139.8 | 0.0006 | 0.00041 mg/L | 0.0006 | 0.00041 mg/L | 73.70% |

ean Data ----------

D: r blk Seq. No.: 45 Sample No.: 1 A/S Pos: 4
ample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 8:13:20 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | -69.2 | -0.0091 | 0.00036 | mg/L | | | | 3.91% |
| s 188.979 | -3.8 | -0.0215 | 0.01435 | mg/L | | | | 66.85% |
| 208.959 | 14.6 | 0.0000 | 0.00656 | mg/L | | | | >999.9% |
| a 233.527 | -78.5 | 0.0014 | 0.00012 | mg/L | | | | 8.29% |
| e 313.107 | -762.9 | 0.0001 | 0.00007 | mg/L | | | | 53.35% |
| d 214.438 | -64.7 | 0.0009 | 0.00029 | mg/L | | | | 33.69% |
| o 228.616 | -1.1 | 0.0021 | 0.00074 | mg/L | | | | 34.67% |
| r 267.716 | 37.2 | -0.0007 | 0.00085 | mg/L | | | | 124.55% |
| u 324.754 | 304.5 | -0.0018 | 0.00096 | mg/L | | | | 54.33% |
| e 238.204 | 106.7 | 0.0008 | 0.00092 | mg/L | | | | 112.61% |
| n 257.610 | 1.6 | -0.0002 | 0.00011 | mg/L | | | | 45.39% |
| o 202.030 | 0.7 | -0.0013 | 0.00263 | mg/L | | | | 198.14% |
| i 231.604 | 30.1 | 0.0018 | 0.00089 | mg/L | | | | 50.00% |
| b 220.353 | -19.3 | 0.0094 | 0.00390 | mg/L | | | | 41.51% |
| b 206.833 | 12.6 | -0.0074 | 0.00674 | mg/L | | | | 91.38% |
| e 196.026 | -9.6 | -0.0090 | 0.01081 | mg/L | | | | 119.69% |
| r 407.771 | -72.3 | 0.0000 | 0.00006 | mg/L | | | | 187.20% |
| i 334.941 | -68.7 | 0.0017 | 0.00079 | mg/L | | | | 45.92% |
| l 190.800 | -16.3 | -0.0660 | 0.01005 | mg/L | | | | 15.23% |
| 292.402 | -19.0 | 0.0002 | 0.00117 | mg/L | | | | 776.65% |
| n 213.856 | 153.3 | -0.0006 | 0.00027 | mg/L | | | | 46.07% |
| g 279.079 | -25.6 | 0.0054 | 0.00093 | mg/L | | | | 17.23% |
| a 317.933 | 161.3 | 0.0021 | 0.00044 | mg/L | | | | 21.32% |
| n 189.933 | 17.8 | 0.0027 | 0.00178 | mg/L | | | | 66.56% |
| i 251.611 | 312.5 | 0.0496 | 0.00578 | mg/L | | | | 11.66% |
| g 328.068 | -127.7 | 0.0014 | 0.00015 | mg/L | | | | 11.27% |

lean Data ----------

D: ccv Seq. No.: 46 Sample No.: 2 A/S Pos: 7
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 8:19:44 PM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 2085.5 | 1.90 | 0.004 | mg/L | | | | 0.23% |
| As 188.979 | 286.1 | 1.99 | 0.020 | mg/L | | | | 0.99% |
| B 208.959 | 846.4 | 0.9464 | 0.01409 | mg/L | | | | 1.49% |
| Ba 233.527 | 11162.6 | 1.963 | 0.0207 | mg/L | | | | 1.06% |
| Be 313.107 | 318098.3 | 0.9774 | 0.01739 | mg/L | | | | 1.78% |
| Cd 214.438 | 8340.4 | 0.9731 | 0.00741 | mg/L | | | | 0.76% |
| Co 228.616 | 1880.7 | 0.979 | 0.0038 | mg/L | | | | 0.39% |
| Cr 267.716 | 19837.4 | 1.960 | 0.0169 | mg/L | | | | 0.86% |
| Cu 324.754 | 14034.7 | 0.9814 | 0.01050 | mg/L | | | | 1.07% |
| Fe 238.204 | 8787.4 | 1.967 | 0.0150 | mg/L | | | | 0.76% |
| Mn 257.610 | 32173.1 | 0.9822 | 0.00606 | mg/L | | | | 0.62% |
| Mo 202.030 | 1398.0 | 0.982 | 0.0096 | mg/L | | | | 0.98% |
| Ni 231.604 | 4371.6 | 0.9745 | 0.00828 | mg/L | | | | 0.85% |
| Pb 220.353 | 1426.7 | 1.955 | 0.0153 | mg/L | | | | 0.78% |
| Sb 206.833 | 360.3 | 1.94 | 0.049 | mg/L | | | | 2.51% |
| Se 196.026 | 440.3 | 1.93 | 0.006 | mg/L | | | | 0.29% |
| Sr 407.771 | 592419.6 | 0.9794 | 0.01703 | mg/L | | | | 1.74% |
| Ti 334.941 | 46059.1 | 0.9807 | 0.00707 | mg/L | | | | 0.72% |

| | | | | | |
|---|---|---|---|---|---|
| l 190.800 | 182.8 | 1.92 | 0.068 | mg/L | 3.55% |
| 292.402 | 11105.4 | 0.9949 | 0.00693 | mg/L | 0.70% |
| n 213.856 | 19450.9 | 1.957 | 0.0173 | mg/L | 0.89% |
| g 279.079 | 1876.9 | 2.04 | 0.012 | mg/L | 0.59% |
| a 317.933 | 19641.4 | 2.06 | 0.011 | mg/L | 0.53% |
| n 189.933 | 1120.6 | 2.00 | 0.021 | mg/L | 1.03% |
| i 251.611 | 5107.2 | 2.19 | 0.030 | mg/L | 1.35% |
| g 328.068 | 16368.1 | 1.10 | 0.007 | mg/L | 0.62% |

ean Data

D: 571917 2.12 Seq. No.: 47 Sample No.: 36 A/S Pos: 54
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 8:26:05 PM

| lement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 249016.5 | 224 | 1.9 | mg/L | 224 | 1.9 | mg/L | 0.82% |
| s 188.979 | 28.8 | 0.140 | 0.0035 | mg/L | 0.140 | 0.0035 | mg/L | 2.52% |
| 208.959 | 296.0 | 0.1989 | 0.00038 | mg/L | 0.1989 | 0.00038 | mg/L | 0.19% |
| a 233.527 | 3916.8 | 0.7438 | 0.00657 | mg/L | 0.7438 | 0.00657 | mg/L | 0.88% |
| e 313.107 | 3608.6 | 0.0135 | 0.00017 | mg/L | 0.0135 | 0.00017 | mg/L | 1.25% |
| d 214.438 | 83.4 | 0.0043 | 0.00050 | mg/L | 0.0043 | 0.00050 | mg/L | 11.86% |
| o 228.616 | 480.7 | 0.252 | 0.0027 | mg/L | 0.252 | 0.0027 | mg/L | 1.09% |
| r 267.716 | 3792.7 | 0.3965 | 0.00157 | mg/L | 0.3965 | 0.00157 | mg/L | 0.40% |
| u 32[illegible] 754 | 7922.5 | 0.4985 | 0.00620 | mg/L | 0.4985 | 0.00620 | mg/L | 1.24% |
| e 2[illegible] 204 | 2074758.9 | 469.9 | 3.40 | mg/L | 469.9 | 3.40 | mg/L | 0.72% |
| n 257.610 | 187982.3 | 5.734 | 0.0554 | mg/L | 5.734 | 0.0554 | mg/L | 0.97% |
| o 202.030 | 175.8 | 0.122 | 0.0043 | mg/L | 0.122 | 0.0043 | mg/L | 3.51% |
| i 231.604 | 2524.5 | 0.5606 | 0.00310 | mg/L | 0.5606 | 0.00310 | mg/L | 0.55% |
| b 220.353 16 | 188.5 | 0.3423 | 0.00847 | mg/L | 0.3423 | 0.00847 | mg/L | 2.47% |
| b 206.833 | -6.6 | 0.0923 | 0.00649 | mg/L | 0.0923 | 0.00649 | mg/L | 7.03% |
| e 196.026 | -1.6 | 0.0254 | 0.01550 | mg/L | 0.0254 | 0.01550 | mg/L | 61.03% |
| r 407.771 | 460448.6 | 0.7273 | 0.00523 | mg/L | 0.7273 | 0.00523 | mg/L | 0.72% |
| i 334.941 | 129840.3 | 2.759 | 0.0280 | mg/L | 2.759 | 0.0280 | mg/L | 1.02% |
| l 190.800 | -19.6 | -0.162 | 0.0328 | mg/L | -0.162 | 0.0328 | mg/L | 20.27% |
| 292.402 | 6634.9 | 0.5056 | 0.00570 | mg/L | 0.5056 | 0.00570 | mg/L | 1.13% |
| n 213.856 | 11610.9 | 1.002 | 0.0116 | mg/L | 1.002 | 0.0116 | mg/L | 1.16% |
| g 279.079 | 434239.5 | 466 | 3.8 | mg/L | 466 | 3.8 | mg/L | 0.82% |
| a 317.933 | 8537368.1 | 903 | 6.8 | mg/L | 903 | 6.8 | mg/L | 0.76% |
| n 189.933 | 8.5 | -0.0142 | 0.00362 | mg/L | -0.0142 | 0.00362 | mg/L | 25.44% |
| i 251.611 | 50243.9 | 22.3 | 0.34 | mg/L | 22.3 | 0.34 | mg/L | 1.52% |
| g 328.068 | -531.4 | -0.0255 | 0.00019 | mg/L | -0.0255 | 0.00019 | mg/L | 0.75% |

ean Data

D: 571553 2.04 Seq. No.: 48 Sample No.: 37 A/S Pos: 55
amp Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 8:32:33 PM

| lement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 282983.2 | 255 | 3.4 | mg/L | 255 | 3.4 | mg/L | 1.34% |
| s 188.979 | 21.6 | 0.0454 | 0.00914 | mg/L | 0.0454 | 0.00914 | mg/L | 20.12% |
| 208.959 | 609.6 | 0.6496 | 0.00247 | mg/L | 0.6496 | 0.00247 | mg/L | 0.38% |
| a 233.527 | 27736.2 | 4.877 | 0.0403 | mg/L | 4.877 | 0.0403 | mg/L | 0.83% |
| e 313.107 | 18891.2 | 0.0604 | 0.00038 | mg/L | 0.0604 | 0.00038 | mg/L | 0.63% |
| d 214.438 0.64 | 52.9 | 0.0131 | 0.00011 | mg/L | 0.0131 | 0.00011 | mg/L | 0.84% |
| o 228.616 | 165.0 | 0.0774 | 0.00044 | mg/L | 0.0774 | 0.00044 | mg/L | 0.56% |
| r 267.716 5.9 | 1348.8 | 0.1213 | 0.00206 | mg/L | 0.1213 | 0.00206 | mg/L | 1.70% |
| u 324.754 | 23948.4 | 1.674 | 0.0096 | mg/L | 1.674 | 0.0096 | mg/L | 0.57% |
| e 238.204 | 804823.6 | 182.2 | 2.07 | mg/L | 182.2 | 2.07 | mg/L | 1.13% |
| n 257.610 | 824058.8 | 25.16 | 0.294 | mg/L | 25.16 | 0.294 | mg/L | 1.17% |
| o 202.030 | 36.7 | 0.0240 | 0.00365 | mg/L | 0.0240 | 0.00365 | mg/L | 15.22% |
| i 231.604 | 640.5 | 0.1385 | 0.00328 | mg/L | 0.1385 | 0.00328 | mg/L | 2.37% |
| b 220.353 210 | 3128.5 | 4.306 | 0.0255 | mg/L | 4.306 | 0.0255 | mg/L | 0.59% |
| b 206.833 | 13.6 | 0.0793 | 0.01336 | mg/L | 0.0793 | 0.01336 | mg/L | 16.86% |
| e 196.026 | -5.1 | 0.0104 | 0.01066 | mg/L | 0.0104 | 0.01066 | mg/L | 102.19% |
| r 407.771 | 1643281.0 | 2.659 | 0.0320 | mg/L | 2.659 | 0.0320 | mg/L | 1.20% |
| i 334.941 | 305992.1 | 6.497 | 0.0871 | mg/L | 6.497 | 0.0871 | mg/L | 1.34% |
| l 190.800 | -5.8 | -0.187 | 0.0433 | mg/L | -0.187 | 0.0433 | mg/L | 23.18% |
| / 292.402 | 3322.0 | 0.2633 | 0.00092 | mg/L | 0.2633 | 0.00092 | mg/L | 0.35% |
| n 213.856 | 18412.4 | 1.585 | 0.0164 | mg/L | 1.585 | 0.0164 | mg/L | 1.04% |
| g 279.079 | 556550.5 | 597 | 7.7 | mg/L | 597 | 7.7 | mg/L | 1.28% |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 317.933 | 19064421.2 | 2020 | 17.6 | mg/L | 2020 | 17.6 | mg/L | 0.87% |
| 189.933 | 114.6 | 0.178 | 0.0068 | mg/L | 0.178 | 0.0068 | mg/L | 3.83% |
| 251.611 | 130980.8 | 58.4 | 0.62 | mg/L | 58.4 | 0.62 | mg/L | 1.06% |
| 328.068 | -481.1 | -0.0222 | 0.00156 | mg/L | -0.0222 | 0.00156 | mg/L | 7.05% |

an Data ----------

: blk 1577 3b — Seq. No.: 49 — Sample No.: 38 — A/S Pos: 56
mple Qty: 1.0000 mL — Prep. Vol.: 1.0 mL — Dilution: 1.0: 1.0
Data: Original — Date: 3/26/00 8:39:05 PM

| ement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| 396.152 | 29.2 | 0.0799 | 0.00443 | mg/L | 0.0799 | 0.00443 | mg/L | 5.54% |
| 188.979 | -0.5 | 0.0015 | 0.01897 | mg/L | 0.0015 | 0.01897 | mg/L | >999.9% |
| 208.959 | 56.7 | 0.0496 | 0.00127 | mg/L | 0.0496 | 0.00127 | mg/L | 2.55% |
| 233.527 | -73.9 | 0.0022 | 0.00053 | mg/L | 0.0022 | 0.00053 | mg/L | 23.94% |
| 313.107 | -779.5 | 0.0001 | 0.00002 | mg/L | 0.0001 | 0.00002 | mg/L | 22.07% |
| 214.438 | -68.2 | 0.0005 | 0.00045 | mg/L | 0.0005 | 0.00045 | mg/L | 96.56% |
| 228.616 | -4.1 | 0.0006 | 0.00012 | mg/L | 0.0006 | 0.00012 | mg/L | 20.59% |
| 267.716 | 47.7 | 0.0004 | 0.00012 | mg/L | 0.0004 | 0.00012 | mg/L | 33.53% |
| 324.754 | 338.9 | 0.0007 | 0.00005 | mg/L | 0.0007 | 0.00005 | mg/L | 7.51% |
| 238.204 | 324.8 | 0.0502 | 0.00175 | mg/L | 0.0502 | 0.00175 | mg/L | 3.49% |
| 257.610 | 37.3 | 0.0009 | 0.00008 | mg/L | 0.0009 | 0.00008 | mg/L | 9.61% |
| 202.030 | -1.2 | -0.0026 | 0.00349 | mg/L | -0.0026 | 0.00349 | mg/L | 132.60% |
| 231.604 | 22.4 | 0.0001 | 0.00026 | mg/L | 0.0001 | 0.00026 | mg/L | 391.48% |
| 220.353 | -21.8 | 0.0060 | 0.00346 | mg/L | 0.0060 | 0.00346 | mg/L | 57.77% |
| 206.833 | 13.0 | -0.0049 | 0.01183 | mg/L | -0.0049 | 0.01183 | mg/L | 240.08% |
| 196.026 | -4.6 | 0.0123 | 0.02188 | mg/L | 0.0123 | 0.02188 | mg/L | 177.19% |
| 407.771 | 48.0 | 0.0002 | 0.00001 | mg/L | 0.0002 | 0.00001 | mg/L | 5.51% |
| 334.941 | 280.6 | 0.0091 | 0.00225 | mg/L | 0.0091 | 0.00225 | mg/L | 24.66% |
| 190.800 | -11.3 | -0.0158 | 0.01167 | mg/L | -0.0158 | 0.01167 | mg/L | 74.02% |
| 292.402 | -22.8 | -0.0002 | 0.00023 | mg/L | -0.0002 | 0.00023 | mg/L | 127.13% |
| 213.856 | 190.6 | 0.0032 | 0.00033 | mg/L | 0.0032 | 0.00033 | mg/L | 10.39% |
| 279.079 | -3.8 | 0.0287 | 0.01927 | mg/L | 0.0287 | 0.01927 | mg/L | 67.23% |
| 317.933 | 761.2 | 0.0656 | 0.00061 | mg/L | 0.0656 | 0.00061 | mg/L | 0.93% |
| 189.933 | 24.3 | 0.0145 | 0.00047 | mg/L | 0.0145 | 0.00047 | mg/L | 3.26% |
| 251.611 | 2194.5 | 0.889 | 0.0177 | mg/L | 0.889 | 0.0177 | mg/L | 1.99% |
| 328.068 | -149.4 | -0.0001 | 0.00042 | mg/L | -0.0001 | 0.00042 | mg/L | 506.90% |

ean Data ----------

D: lcs 1577 — Seq. No.: 50 — Sample No.: 39 — A/S Pos: 57
ample Qty: 1.0000 mL — Prep. Vol.: 1.0 mL — Dilution: 1.0: 1.0
Data: Original — Date: 3/26/00 8:45:21 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 192.8 | 0.228 | 0.0159 | mg/L | 0.228 | 0.0159 | mg/L | 6.98% |
| s 188.979 | 28.2 | 0.201 | 0.0151 | mg/L | 0.201 | 0.0151 | mg/L | 7.51% |
| 208.959 | 208.5 | 0.2285 | 0.00252 | mg/L | 0.2285 | 0.00252 | mg/L | 1.10% |
| a 233.527 10.2 | 1080.9 | 0.2037 | 0.00048 | mg/L | 0.2037 | 0.00048 | mg/L | 0.23% |
| e 313.107 | 66661.2 | 0.2068 | 0.00197 | mg/L | 0.2068 | 0.00197 | mg/L | 0.95% |
| d 214.438 10.2 | 1695.4 | 0.2045 | 0.00260 | mg/L | 0.2045 | 0.00260 | mg/L | 1.27% |
| o 228.616 | 396.8 | 0.209 | 0.0028 | mg/L | 0.209 | 0.0028 | mg/L | 1.34% |
| r 267.716 10.4 | 2147.9 | 0.2084 | 0.00079 | mg/L | 0.2084 | 0.00079 | mg/L | 0.38% |
| u 324.754 | 3279.2 | 0.2112 | 0.00510 | mg/L | 0.2112 | 0.00510 | mg/L | 2.41% |
| e 238.204 | 1103.8 | 0.2266 | 0.00062 | mg/L | 0.2266 | 0.00062 | mg/L | 0.27% |
| n 257.610 | 6860.9 | 0.2092 | 0.00115 | mg/L | 0.2092 | 0.00115 | mg/L | 0.55% |
| o 202.030 | 296.7 | 0.207 | 0.0026 | mg/L | 0.207 | 0.0026 | mg/L | 1.25% |
| i 231.604 | 938.4 | 0.2053 | 0.00049 | mg/L | 0.2053 | 0.00049 | mg/L | 0.24% |
| b 220.353 10.6 | 131.9 | 0.2129 | 0.00776 | mg/L | 0.2129 | 0.00776 | mg/L | 3.65% |
| b 206.833 | 51.6 | 0.215 | 0.0028 | mg/L | 0.215 | 0.0028 | mg/L | 1.31% |
| e 196.026 | 40.3 | 0.206 | 0.0310 | mg/L | 0.206 | 0.0310 | mg/L | 15.03% |
| r 407.771 | 125753.1 | 0.2080 | 0.00186 | mg/L | 0.2080 | 0.00186 | mg/L | 0.89% |
| i 334.941 | 10031.9 | 0.2161 | 0.00123 | mg/L | 0.2161 | 0.00123 | mg/L | 0.57% |
| l 190.800 | 5.2 | 0.148 | 0.0037 | mg/L | 0.148 | 0.0037 | mg/L | 2.50% |
| V 292.402 | 2350.1 | 0.2094 | 0.00240 | mg/L | 0.2094 | 0.00240 | mg/L | 1.15% |
| Zn 213.856 | 2254.6 | 0.2126 | 0.00098 | mg/L | 0.2126 | 0.00098 | mg/L | 0.46% |
| Mg 279.079 | 170.3 | 0.215 | 0.0004 | mg/L | 0.215 | 0.0004 | mg/L | 0.17% |
| Ca 317.933 | 2693.5 | 0.270 | 0.0041 | mg/L | 0.270 | 0.0041 | mg/L | 1.51% |
| Sn 189.933 | 536.6 | 0.943 | 0.0052 | mg/L | 0.943 | 0.0052 | mg/L | 0.56% |
| Si 251.611 | 1833.3 | 0.728 | 0.0014 | mg/L | 0.728 | 0.0014 | mg/L | 0.19% |
| Ag 328.068 | 3260.7 | 0.227 | 0.0018 | mg/L | 0.227 | 0.0018 | mg/L | 0.78% |

ean Data

D: 570930 2.07 Seq. No.: 51 Sample No.: 40 A/S Pos: 58
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 8:51:40 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 96483.3 | 85.5 | 0.39 | mg/L | 85.5 | 0.39 | mg/L | 0.46% |
| s 188.979 | 41.8 | 0.234 | 0.0412 | mg/L | 0.234 | 0.0412 | mg/L | 17.66% |
| 208.959 | 521.2 | 0.1238 | 0.00509 | mg/L | 0.1238 | 0.00509 | mg/L | 4.11% |
| a 233.527 71 | 7459.9 | 1.478 | 0.0065 | mg/L | 1.478 | 0.0065 | mg/L | 0.44% |
| e 313.107 | 4632.4 | 0.0167 | 0.00037 | mg/L | 0.0167 | 0.00037 | mg/L | 2.20% |
| d 214.438 0.82 | 661.1 | 0.0170 | 0.00061 | mg/L | 0.0170 | 0.00061 | mg/L | 3.58% |
| o 228.616 | 465.6 | 0.233 | 0.0059 | mg/L | 0.233 | 0.0059 | mg/L | 2.53% |
| r 267.716 45 | 8402.2 | 0.9415 | 0.00095 | mg/L | 0.9415 | 0.00095 | mg/L | 0.10% |
| u 324.754 | 42493.1 | 2.858 | 0.0174 | mg/L | 2.858 | 0.0174 | mg/L | 0.61% |
| e 238.204 | 7393460.9 | 1675 | 17.4 | mg/L | 1675 | 17.4 | mg/L | 1.04% |
| n 257.610 | 367969.2 | 11.23 | 0.054 | mg/L | 11.23 | 0.054 | mg/L | 0.48% |
| o 202.030 | 37.1 | 0.0243 | 0.00632 | mg/L | 0.0243 | 0.00632 | mg/L | 26.01% |
| i 231.604 | 2510.5 | 0.5575 | 0.00192 | mg/L | 0.5575 | 0.00192 | mg/L | 0.34% |
| b 220.353 210 | 3151.2 | 4.297 | 0.0170 | mg/L | 4.297 | 0.0170 | mg/L | 0.40% |
| b 206.833 | -90.6 | 0.149 | 0.0003 | mg/L | 0.149 | 0.0003 | mg/L | 0.22% |
| e 196.026 | 51.7 | 0.255 | 0.0205 | mg/L | 0.255 | 0.0205 | mg/L | 8.03% |
| r 4[illegible] 771 | 490384.6 | 0.7610 | 0.00217 | mg/L | 0.7610 | 0.00217 | mg/L | 0.29% |
| i 3[illegible] 941 | 319712.4 | 6.788 | 0.0427 | mg/L | 6.788 | 0.0427 | mg/L | 0.63% |
| l 190.800 | -51.5 | -0.537 | 0.0066 | mg/L | -0.537 | 0.0066 | mg/L | 1.23% |
| 292.402 | 11046.0 | 0.6844 | 0.00344 | mg/L | 0.6844 | 0.00344 | mg/L | 0.50% |
| n 213.856 | 34953.4 | 3.244 | 0.0111 | mg/L | 3.244 | 0.0111 | mg/L | 0.34% |
| g 279.079 | 571779.6 | 613 | 3.5 | mg/L | 613 | 3.5 | mg/L | 0.56% |
| a 317.933 | 9911182.3 | 1050 | 12.9 | mg/L | 1050 | 12.9 | mg/L | 1.23% |
| n 189.933 | 137.2 | 0.219 | 0.0123 | mg/L | 0.219 | 0.0123 | mg/L | 5.60% |
| i 251.611 | 101797.1 | 45.3 | 0.58 | mg/L | 45.3 | 0.58 | mg/L | 1.28% |
| g 328.068 | -1175.2 | -0.0684 | 0.00037 | mg/L | -0.0684 | 0.00037 | mg/L | 0.54% |

ean Data

D: 570931 2.20 Seq. No.: 52 Sample No.: 41 A/S Pos: 59
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 9:01:05 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 32628.8 | 29.1 | 0.36 | mg/L | 29.1 | 0.36 | mg/L | 1.22% |
| s 188.979 | 3.9 | -0.0230 | 0.02582 | mg/L | -0.0230 | 0.02582 | mg/L | 112.23% |
| 208.959 | 89.8 | 0.0644 | 0.00014 | mg/L | 0.0644 | 0.00014 | mg/L | 0.21% |
| a 2 527 4.1 | 376.9 | 0.0891 | 0.00126 | mg/L | 0.0891 | 0.00126 | mg/L | 1.42% |
| e 3[illegible].107 | -250.4 | 0.0017 | 0.00008 | mg/L | 0.0017 | 0.00008 | mg/L | 4.52% |
| d 214.438 < | -24.3 | 0.0055 | 0.00034 | mg/L | 0.0055 | 0.00034 | mg/L | 6.16% |
| o 228.616 | 84.5 | 0.0466 | 0.00027 | mg/L | 0.0466 | 0.00027 | mg/L | 0.57% |
| r 267.716 3.2 | 881.7 | 0.0713 | 0.00023 | mg/L | 0.0713 | 0.00023 | mg/L | 0.33% |
| u 324.754 | 846.8 | 0.0288 | 0.00100 | mg/L | 0.0288 | 0.00100 | mg/L | 3.47% |
| e 238.204 | 378254.6 | 85.63 | 0.986 | mg/L | 85.63 | 0.986 | mg/L | 1.15% |
| n 257.610 | 145156.7 | 4.425 | 0.0512 | mg/L | 4.425 | 0.0512 | mg/L | 1.16% |
| o 202.030 | 9.3 | 0.0047 | 0.00264 | mg/L | 0.0047 | 0.00264 | mg/L | 55.71% |
| i 231.604 | 300.7 | 0.0624 | 0.00086 | mg/L | 0.0624 | 0.00086 | mg/L | 1.38% |
| b 220.353 < | 20.3 | 0.0628 | 0.01023 | mg/L | 0.0628 | 0.01023 | mg/L | 16.31% |
| b 206.833 | 18.6 | 0.0649 | 0.03079 | mg/L | 0.0649 | 0.03079 | mg/L | 47.45% |
| e 196.026 | -5.2 | 0.0101 | 0.02201 | mg/L | 0.0101 | 0.02201 | mg/L | 218.84% |
| r 407.771 | 222285.9 | 0.3419 | 0.00410 | mg/L | 0.3419 | 0.00410 | mg/L | 1.20% |
| i 334.941 | 90401.5 | 1.922 | 0.0227 | mg/L | 1.922 | 0.0227 | mg/L | 1.18% |
| l 190.800 | -7.1 | -0.0820 | 0.00416 | mg/L | -0.0820 | 0.00416 | mg/L | 5.08% |
| 292.402 | 1483.2 | 0.1178 | 0.00010 | mg/L | 0.1178 | 0.00010 | mg/L | 0.08% |
| n 213.856 | 3362.4 | 0.1922 | 0.00033 | mg/L | 0.1922 | 0.00033 | mg/L | 0.17% |
| g 279.079 | 474897.9 | 509 | 6.6 | mg/L | 509 | 6.6 | mg/L | 1.29% |
| a 317.933 | 9002909.0 | 952 | 8.2 | mg/L | 952 | 8.2 | mg/L | 0.86% |
| n 189.933 | -1.2 | -0.0318 | 0.00172 | mg/L | -0.0318 | 0.00172 | mg/L | 5.42% |
| i 251.611 | 41664.5 | 18.5 | 0.28 | mg/L | 18.5 | 0.28 | mg/L | 1.52% |
| g 328.068 | -296.7 | -0.0099 | 0.00049 | mg/L | -0.0099 | 0.00049 | mg/L | 4.91% |

Mean Data

ID: 570932 2.17 Seq. No.: 53 Sample No.: 42 A/S Pos: 60
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0

Data: Original Date: 3/26/00 9:07:25 PM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 206920.0 | 186 | 1.5 | mg/L | 186 | 1.5 | mg/L | 0.79% |
| As 188.979 | 22.1 | 0.0943 | 0.03223 | mg/L | 0.0943 | 0.03223 | mg/L | 34.16% |
| B 208.959 | 348.9 | 0.2905 | 0.00705 | mg/L | 0.2905 | 0.00705 | mg/L | 2.43% |
| Ba 233.527 30 | 3441.1 | 0.6508 | 0.00448 | mg/L | 0.6508 | 0.00448 | mg/L | 0.69% |
| Be 313.107 | 2908.9 | 0.0114 | 0.00003 | mg/L | 0.0114 | 0.00003 | mg/L | 0.29% |
| Cd 214.438 < | 52.6 | 0.0040 | 0.00022 | mg/L | 0.0040 | 0.00022 | mg/L | 5.39% |
| Co 228.616 | 418.9 | 0.220 | 0.0029 | mg/L | 0.220 | 0.0029 | mg/L | 1.30% |
| Cr 267.716 16 | 3361.3 | 0.3455 | 0.00039 | mg/L | 0.3455 | 0.00039 | mg/L | 0.11% |
| Cu 324.754 | 6333.9 | 0.3947 | 0.00385 | mg/L | 0.3947 | 0.00385 | mg/L | 0.97% |
| Fe 238.204 | 1617342.6 | 366.3 | 1.82 | mg/L | 366.3 | 1.82 | mg/L | 0.50% |
| Mn 257.610 | 230048.0 | 7.018 | 0.0422 | mg/L | 7.018 | 0.0422 | mg/L | 0.60% |
| Mo 202.030 | 130.2 | 0.0898 | 0.00079 | mg/L | 0.0898 | 0.00079 | mg/L | 0.85% |
| Ni 231.604 | 2311.0 | 0.5128 | 0.00210 | mg/L | 0.5128 | 0.00210 | mg/L | 0.41% |
| Pb 220.353 12 | 133.5 | 0.2593 | 0.00966 | mg/L | 0.2593 | 0.00966 | mg/L | 3.73% |
| Sb 206.833 | -2.6 | 0.0690 | 0.02001 | mg/L | 0.0690 | 0.02001 | mg/L | 29.02% |
| Se 196.026 | -2.6 | 0.0211 | 0.00982 | mg/L | 0.0211 | 0.00982 | mg/L | 46.43% |
| Sr 407.771 | 564784.9 | 0.9011 | 0.00488 | mg/L | 0.9011 | 0.00488 | mg/L | 0.54% |
| Ti 334.941 | 114335.9 | 2.430 | 0.0201 | mg/L | 2.430 | 0.0201 | mg/L | 0.83% |
| Tl 190.800 | -13.7 | -0.112 | 0.0393 | mg/L | -0.112 | 0.0393 | mg/L | 35.08% |
| V 292.402 | 5180.9 | 0.3953 | 0.00516 | mg/L | 0.3953 | 0.00516 | mg/L | 1.30% |
| Zn 213.856 | 11386.9 | 0.9857 | 0.00777 | mg/L | 0.9857 | 0.00777 | mg/L | 0.79% |
| Mg 279.079 | 448428.5 | 481 | 3.1 | mg/L | 481 | 3.1 | mg/L | 0.64% |
| Ca 317.933 | 8738497.4 | 924 | 4.9 | mg/L | 924 | 4.9 | mg/L | 0.53% |
| Sn 189.933 | -1.7 | -0.0328 | 0.00623 | mg/L | -0.0328 | 0.00623 | mg/L | 19.00% |
| Si 251.611 | 43930.7 | 19.5 | 0.20 | mg/L | 19.5 | 0.20 | mg/L | 1.00% |
| Ag 328.068 | -453.5 | -0.0203 | 0.00005 | mg/L | -0.0203 | 0.00005 | mg/L | 0.27% |

Mean Data

ID: 571562 5x Seq. No.: 54 Sample No.: 43 A/S Pos: 61
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 9:13:44 PM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 31546.6 | 28.4 | 1.19 | mg/L | 28.4 | 1.19 | mg/L | 4.18% |
| As 188.979 | 0.7 | 0.0100 | 0.01882 | mg/L | 0.0100 | 0.01882 | mg/L | 188.65% |
| B 208.959 | 115.5 | 0.0833 | 0.00654 | mg/L | 0.0833 | 0.00654 | mg/L | 7.85% |
| Ba 233.527 84 | 1942.5 | 0.3662 | 0.02256 | mg/L | 0.3662 | 0.02256 | mg/L | 6.16% |
| Be 313.107 | 982.0 | 0.0055 | 0.00028 | mg/L | 0.0055 | 0.00028 | mg/L | 5.12% |
| Cd 214.438 < | 18.4 | 0.0054 | 0.00087 | mg/L | 0.0054 | 0.00087 | mg/L | 16.23% |
| Co 228.616 | 40.1 | 0.0235 | 0.00279 | mg/L | 0.0235 | 0.00279 | mg/L | 11.85% |
| Cr 267.716 19 | 769.2 | 0.0814 | 0.00458 | mg/L | 0.0814 | 0.00458 | mg/L | 5.62% |
| Cu 324.754 | 16275.9 | 1.130 | 0.0489 | mg/L | 1.130 | 0.0489 | mg/L | 4.33% |
| Fe 238.204 | 557002.1 | 126.1 | 4.78 | mg/L | 126.1 | 4.78 | mg/L | 3.79% |
| Mn 257.610 | 82797.0 | 2.528 | 0.0991 | mg/L | 2.528 | 0.0991 | mg/L | 3.92% |
| Mo 202.030 | 10.8 | 0.0058 | 0.00435 | mg/L | 0.0058 | 0.00435 | mg/L | 75.24% |
| Ni 231.604 | 239.7 | 0.0487 | 0.00271 | mg/L | 0.0487 | 0.00271 | mg/L | 5.56% |
| Pb 220.353 130 | 383.5 | 0.5515 | 0.03277 | mg/L | 0.5515 | 0.03277 | mg/L | 5.94% |
| Sb 206.833 | 7.0 | 0.0171 | 0.01349 | mg/L | 0.0171 | 0.01349 | mg/L | 78.68% |
| Se 196.026 | -2.5 | 0.0217 | 0.01862 | mg/L | 0.0217 | 0.01862 | mg/L | 85.91% |
| Sr 407.771 | 142241.5 | 0.2321 | 0.00946 | mg/L | 0.2321 | 0.00946 | mg/L | 4.08% |
| Ti 334.941 | 66217.8 | 1.409 | 0.0555 | mg/L | 1.409 | 0.0555 | mg/L | 3.94% |
| Tl 190.800 | -13.8 | -0.0409 | 0.01524 | mg/L | -0.0409 | 0.01524 | mg/L | 37.28% |
| V 292.402 | 846.0 | 0.0545 | 0.00298 | mg/L | 0.0545 | 0.00298 | mg/L | 5.45% |
| Zn 213.856 | 16676.6 | 1.649 | 0.0661 | mg/L | 1.649 | 0.0661 | mg/L | 4.01% |
| Mg 279.079 | 26618.1 | 28.6 | 1.23 | mg/L | 28.6 | 1.23 | mg/L | 4.30% |
| Ca 317.933 | 1292687.8 | 137 | 5.4 | mg/L | 137 | 5.4 | mg/L | 3.96% |
| Sn 189.933 | 33.3 | 0.0307 | 0.00454 | mg/L | 0.0307 | 0.00454 | mg/L | 14.80% |
| Si 251.611 | 62031.5 | 27.6 | 0.97 | mg/L | 27.6 | 0.97 | mg/L | 3.53% |
| Ag 328.068 | -205.0 | -0.0038 | 0.00052 | mg/L | -0.0038 | 0.00052 | mg/L | 13.87% |

Mean Data

ID: 571562 5x ps Seq. No.: 55 Sample No.: 44 A/S Pos: 62
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
(278) Data: Original Date: 3/26/00 9:20:01 PM

| Element | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| l 396.152 | | 28442.4 | 25.6 | | 0.11 mg/L | 25.6 | | 0.11 mg/L | 0.43% |
| s 188.979 | | 142.6 | 1.000 | | 0.0069 mg/L | 1.000 | | 0.0069 mg/L | 0.69% |
| 208.959 | | 944.7 | 1.032 | | 0.0122 mg/L | 1.032 | | 0.0122 mg/L | 1.18% |
| a 233.527 | 302 | 7434.0 | 1.323 | 95% | 0.0048 mg/L | 1.323 | | 0.0048 mg/L | 0.36% |
| e 313.107 | | 310810.7 | 0.9550 | | 0.00972 mg/L | 0.9550 | | 0.00972 mg/L | 1.02% |
| d 214.438 | | 7915.2 | 0.9194 | 92% | 0.00569 mg/L | 0.9194 | | 0.00569 mg/L | 0.62% |
| o 228.616 | | 1825.1 | 0.950 | | 0.0058 mg/L | 0.950 | | 0.0058 mg/L | 0.61% |
| r 267.716 | 232 | 10206.9 | 1.015 | 93% | 0.0023 mg/L | 1.015 | | 0.0023 mg/L | 0.23% |
| u 324.754 | | 26887.6 | 1.891 | | 0.0083 mg/L | 1.891 | | 0.0083 mg/L | 0.44% |
| e 238.204 | | 489045.9 | 110.7 | | 1.11 mg/L | 110.7 | | 1.11 mg/L | 1.00% |
| n 257.610 | | 103197.8 | 3.151 | | 0.0293 mg/L | 3.151 | | 0.0293 mg/L | 0.93% |
| o 202.030 | | 1353.7 | 0.951 | | 0.0093 mg/L | 0.951 | | 0.0093 mg/L | 0.98% |
| i 231.604 | | 4351.1 | 0.9699 | | 0.00459 mg/L | 0.9699 | | 0.00459 mg/L | 0.47% |
| o 220.353 | 329 | 1043.7 | 1.440 | 87% | 0.0198 mg/L | 1.440 | | 0.0198 mg/L | 1.37% |
| o 206.833 | | 166.6 | 0.919 | | 0.0378 mg/L | 0.919 | | 0.0378 mg/L | 4.12% |
| e 196.026 | | 218.0 | 0.971 | | 0.0213 mg/L | 0.971 | | 0.0213 mg/L | 2.19% |
| r 407.771 | | 696416.5 | 1.149 | | 0.0112 mg/L | 1.149 | | 0.0112 mg/L | 0.97% |
| i 334.941 | | 103887.4 | 2.208 | | 0.0291 mg/L | 2.208 | | 0.0291 mg/L | 1.32% |
| l 190.800 | | 83.2 | 0.928 | | 0.0119 mg/L | 0.928 | | 0.0119 mg/L | 1.28% |
| 292.402 | | 11441.3 | 1.005 | | 0.0023 mg/L | 1.005 | | 0.0023 mg/L | 0.23% |
| n 213.856 | | 23687.9 | 2.363 | | 0.0118 mg/L | 2.363 | | 0.0118 mg/L | 0.50% |
| g 279.079 | | 24055.2 | 25.8 | | 0.12 mg/L | 25.8 | | 0.12 mg/L | 0.47% |
| a 317.933 | | 1134769.7 | 120 | | 1.1 mg/L | 120 | | 1.1 mg/L | 0.93% |
| n 189.933 | | 34.5 | 0.0330 | | 0.00424 mg/L | 0.0330 | | 0.00424 mg/L | 12.84% |
| i 251.611 | | 55529.4 | 24.7 | | 0.28 mg/L | 24.7 | | 0.28 mg/L | 1.15% |
| g 328.068 | | 13872.4 | 0.934 | | 0.0000 mg/L | 0.934 | | 0.0000 mg/L | 0.00% |

ean Data

D: 571562 5x ps — Seq. No.: 56 — Sample No.: 45 — A/S Pos: 63

ample Qty: 1.0000 mL — Prep. Vol.: 1.0 mL — Dilution: 1.0: 1.0

Data: Original — Date: 3/26/00 9:26:19 PM

| lement | | Mean Corr. Intensity | Mean Conc. | | Calib Std.Dev. | Units | Mean Conc. | Sample Std.Dev. | Units | RSD |
|---|---|---|---|---|---|---|---|---|---|---|
| l 396.152 | | 29411.7 | 26.5 | | 0.13 | mg/L | 26.5 | 0.13 | mg/L | 0.50% |
| s 188.979 | | 152.8 | 1.07 | | 0.011 | mg/L | 1.07 | 0.011 | mg/L | 1.00% |
| 208.959 | | 970.2 | 1.059 | | 0.0020 | mg/L | 1.059 | 0.0020 | mg/L | 0.19% |
| a 233.527 | 314 | 7740.7 | 1.377 | 101% | 0.0014 | mg/L | 1.377 | 0.0014 | mg/L | 0.10% |
| e 313.107 | | 329013.4 | 1.011 | | 0.0055 | mg/L | 1.011 | 0.0055 | mg/L | 0.55% |
| d 214.438 | | 8468.5 | 0.9833 | 98% | 0.00344 | mg/L | 0.9833 | 0.00344 | mg/L | 0.35% |
| o 228.616 | | 1928.6 | 1.00 | | 0.004 | mg/L | 1.00 | 0.004 | mg/L | 0.40% |
| r 267.716 | 248 | 10912.1 | 1.085 | 100% | 0.0033 | mg/L | 1.085 | 0.0033 | mg/L | 0.30% |
| u 324.754 | | 28341.6 | 1.995 | | 0.0097 | mg/L | 1.995 | 0.0097 | mg/L | 0.48% |
| e 238.204 | | 499911.8 | 113.2 | | 0.67 | mg/L | 113.2 | 0.67 | mg/L | 0.59% |
| n 257.610 | | 106419.1 | 3.250 | | 0.0113 | mg/L | 3.250 | 0.0113 | mg/L | 0.35% |
| o 2 030 | | 1433.6 | 1.01 | | 0.006 | mg/L | 1.01 | 0.006 | mg/L | 0.59% |
| i 2 604 | | 4647.5 | 1.036 | | 0.0066 | mg/L | 1.036 | 0.0066 | mg/L | 0.64% |
| b 220.353 | 343 | 1090.1 | 1.502 | 93% | 0.0082 | mg/L | 1.502 | 0.0082 | mg/L | 0.54% |
| b 206.833 | | 182.5 | 0.990 | | 0.0354 | mg/L | 0.990 | 0.0354 | mg/L | 3.58% |
| e 196.026 | | 234.9 | 1.04 | | 0.002 | mg/L | 1.04 | 0.002 | mg/L | 0.15% |
| r 407.771 | | 731895.2 | 1.207 | | 0.0057 | mg/L | 1.207 | 0.0057 | mg/L | 0.47% |
| i 334.941 | | 107733.3 | 2.290 | | 0.0119 | mg/L | 2.290 | 0.0119 | mg/L | 0.52% |
| l 190.800 | | 87.6 | 0.971 | | 0.0016 | mg/L | 0.971 | 0.0016 | mg/L | 0.16% |
| 292.402 | | 12279.9 | 1.079 | | 0.0062 | mg/L | 1.079 | 0.0062 | mg/L | 0.58% |
| n 213.856 | | 24918.8 | 2.487 | | 0.0084 | mg/L | 2.487 | 0.0084 | mg/L | 0.34% |
| g 279.079 | | 24932.2 | 26.8 | | 0.11 | mg/L | 26.8 | 0.11 | mg/L | 0.40% |
| a 317.933 | | 1160402.8 | 123 | | 0.6 | mg/L | 123 | 0.6 | mg/L | 0.53% |
| n 189.933 | | 34.2 | 0.0323 | | 0.01044 | mg/L | 0.0323 | 0.01044 | mg/L | 32.29% |
| i 251.611 | | 57606.1 | 25.6 | | 0.24 | mg/L | 25.6 | 0.24 | mg/L | 0.93% |
| g 328.068 | | 15235.9 | 1.02 | | 0.008 | mg/L | 1.02 | 0.008 | mg/L | 0.81% |

ean Data

D: r blk — Seq. No.: 57 — Sample No.: 1 — A/S Pos: 4

ample Qty: 1.0000 g — Prep. Vol.: 1.0 L — Dilution: 1.0: 1.0

Data: Original — Date: 3/26/00 9:32:39 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Units | Mean Conc. | Sample Std.Dev. | Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | -67.0 | -0.0071 | 0.00921 | mg/L | | | | 129.89% |
| s 188.979 | -2.0 | -0.0091 | 0.01370 | mg/L | | | | 150.84% |
| 208.959 | 23.1 | 0.0100 | 0.00222 | mg/L | | | | 22.20% |
| a 233.527 | -81.9 | 0.0008 | 0.00025 | mg/L | | | | 30.68% |

| | | | | | |
|---|---|---|---|---|---|
| e 313.107 | -779.0 | 0.0001 | 0.00001 | mg/L | 12.05% |
| d 214.438 | -67.1 | 0.0006 | 0.00035 | mg/L | 59.79% |
| o 228.616 | -2.2 | 0.0015 | 0.00215 | mg/L | 139.04% |
| r 267.716 | 25.3 | -0.0019 | 0.00043 | mg/L | 23.26% |
| u 324.754 | 306.0 | -0.0017 | 0.00014 | mg/L | 8.42% |
| e 238.204 | 118.6 | 0.0035 | 0.00049 | mg/L | 13.81% |
| n 257.610 | 7.5 | -0.0001 | 0.00004 | mg/L | 77.59% |
| o 202.030 | 1.6 | -0.0007 | 0.00343 | mg/L | 506.14% |
| i 231.604 | 14.5 | -0.0017 | 0.00134 | mg/L | 77.99% |
| b 220.353 | -30.5 | -0.0057 | 0.00412 | mg/L | 72.62% |
| b 206.833 | 21.6 | 0.0441 | 0.01555 | mg/L | 35.25% |
| e 196.026 | -7.3 | 0.0010 | 0.00237 | mg/L | 238.90% |
| r 407.771 | -68.3 | 0.0000 | 0.00001 | mg/L | 21.23% |
| i 334.941 | -22.3 | 0.0027 | 0.00099 | mg/L | 36.50% |
| l 190.800 | -13.6 | -0.0397 | 0.01958 | mg/L | 49.35% |
| 292.402 | -14.8 | 0.0005 | 0.00020 | mg/L | 38.11% |
| n 213.856 | 158.0 | -0.0001 | 0.00016 | mg/L | 154.32% |
| g 279.079 | -24.3 | 0.0067 | 0.00705 | mg/L | 105.34% |
| a 317.933 | 152.4 | 0.0011 | 0.00031 | mg/L | 28.04% |
| n 189.933 | 14.1 | -0.0041 | 0.00073 | mg/L | 17.76% |
| i 251.611 | 383.0 | 0.0810 | 0.00811 | mg/L | 10.01% |
| g 328.068 | -144.9 | 0.0002 | 0.00005 | mg/L | 23.43% |

ean Data ----------

ID: ccv Seq. No.: 58 Sample No.: 2 A/S Pos: 7
ample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 9:39:06 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 2082.4 | 1.90 | 0.031 | mg/L | | | | 1.63% |
| s 188.979 | 284.6 | 1.98 | 0.020 | mg/L | | | | 1.01% |
| 208.959 | 856.4 | 0.9580 | 0.00268 | mg/L | | | | 0.28% |
| a 233.527 | 11199.5 | 1.969 | 0.0198 | mg/L | | | | 1.01% |
| e 313.107 | 319326.3 | 0.9811 | 0.01217 | mg/L | | | | 1.24% |
| d 214.438 | 8370.1 | 0.9765 | 0.01098 | mg/L | | | | 1.12% |
| o 228.616 | 1888.3 | 0.983 | 0.0049 | mg/L | | | | 0.49% |
| r 267.716 | 19922.2 | 1.969 | 0.0255 | mg/L | | | | 1.30% |
| u 324.754 | 14045.3 | 0.9822 | 0.01223 | mg/L | | | | 1.25% |
| e 238.204 | 8852.0 | 1.982 | 0.0239 | mg/L | | | | 1.21% |
| n 257.610 | 32274.5 | 0.9853 | 0.01206 | mg/L | | | | 1.22% |
| o 202.030 | 1408.0 | 0.989 | 0.0048 | mg/L | | | | 0.49% |
| i 231.604 | 4392.9 | 0.9792 | 0.01160 | mg/L | | | | 1.18% |
| b 220.353 | 1432.0 | 1.963 | 0.0023 | mg/L | | | | 0.12% |
| b 206.833 | 362.5 | 1.95 | 0.016 | mg/L | | | | 0.83% |
| e 196.026 | 439.5 | 1.93 | 0.029 | mg/L | | | | 1.51% |
| r 407.771 | 591874.6 | 0.9785 | 0.01152 | mg/L | | | | 1.18% |
| i 334.941 | 46106.9 | 0.9817 | 0.01495 | mg/L | | | | 1.52% |
| l 190.800 | 185.9 | 1.95 | 0.028 | mg/L | | | | 1.44% |
| 292.402 | 11109.5 | 0.9953 | 0.01151 | mg/L | | | | 1.16% |
| n 213.856 | 19543.5 | 1.966 | 0.0231 | mg/L | | | | 1.17% |
| g 279.079 | 1869.7 | 2.04 | 0.025 | mg/L | | | | 1.25% |
| a 317.933 | 19736.6 | 2.08 | 0.020 | mg/L | | | | 0.97% |
| n 189.933 | 1124.7 | 2.01 | 0.008 | mg/L | | | | 0.38% |
| i 251.611 | 5124.2 | 2.20 | 0.023 | mg/L | | | | 1.06% |
| g 328.068 | 16387.0 | 1.10 | 0.014 | mg/L | | | | 1.28% |

Mean Data ----------

ID: 571562 2.19 Seq. No.: 59 Sample No.: 46 A/S Pos: 64
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 9:45:22 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 137285.8 | 124 | 1.5 | mg/L | 124 | 1.5 | mg/L | 1.24% |
| As 188.979 | 11.6 | 0.0672 | 0.01477 | mg/L | 0.0672 | 0.01477 | mg/L | 21.99% |
| B 208.959 | 455.2 | 0.3749 | 0.00722 | mg/L | 0.3749 | 0.00722 | mg/L | 1.93% |
| Ba 233.527 73 | 8807.9 | 1.601 | 0.0175 | mg/L | 1.601 | 0.0175 | mg/L | 1.10% |
| Be 313.107 | 6847.4 | 0.0234 | 0.00027 | mg/L | 0.0234 | 0.00027 | mg/L | 1.17% |
| Cd 214.438 1.0 | 298.1 | 0.0221 | 0.00064 | mg/L | 0.0221 | 0.00064 | mg/L | 2.88% |
| Co 228.616 | 194.5 | 0.0934 | 0.00194 | mg/L | 0.0934 | 0.00194 | mg/L | 2.08% |
| Cr 267.716 16 | 3110.0 | 0.3426 | 0.00144 | mg/L | 0.3426 | 0.00144 | mg/L | 0.42% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 324.754 | 68904.6 | 4.861 | 0.0542 mg/L | 4.861 | 0.0542 mg/L | 1.11% |
| e 238.204 | 2255276.8 | 510.8 | 5.57 mg/L | 510.8 | 5.57 mg/L | 1.09% |
| n 257.610 | 346211.4 | 10.57 | 0.119 mg/L | 10.57 | 0.119 mg/L | 1.12% |
| o 202.030 | 42.9 | 0.0283 | 0.00244 mg/L | 0.0283 | 0.00244 mg/L | 8.61% |
| i 231.604 | 1019.1 | 0.2234 | 0.00205 mg/L | 0.2234 | 0.00205 mg/L | 0.92% |
| o 220.353 110 | 1773.1 | 2.451 | 0.0200 mg/L | 2.451 | 0.0200 mg/L | 0.82% |
| o 206.833 | -13.1 | 0.0736 | 0.00878 mg/L | 0.0736 | 0.00878 mg/L | 11.94% |
| e 196.026 | 28.5 | 0.155 | 0.0095 mg/L | 0.155 | 0.0095 mg/L | 6.13% |
| r 407.771 | 608034.2 | 0.9834 | 0.01079 mg/L | 0.9834 | 0.01079 mg/L | 1.10% |
| i 334.941 | 284341.4 | 6.038 | 0.0829 mg/L | 6.038 | 0.0829 mg/L | 1.37% |
| l 190.800 | -21.7 | -0.163 | 0.0058 mg/L | -0.163 | 0.0058 mg/L | 3.55% |
| 292.402 | 3642.0 | 0.2341 | 0.00444 mg/L | 0.2341 | 0.00444 mg/L | 1.90% |
| n 213.856 | 69244.2 | 6.889 | 0.0748 mg/L | 6.889 | 0.0748 mg/L | 1.09% |
| g 279.079 | 113323.4 | 122 | 1.3 mg/L | 122 | 1.3 mg/L | 1.10% |
| a 317.933 | 5414761.5 | 573 | 6.6 mg/L | 573 | 6.6 mg/L | 1.15% |
| n 189.933 | 85.3 | 0.125 | 0.0016 mg/L | 0.125 | 0.0016 mg/L | 1.32% |
| i 251.611 | 265472.1 | 118 | 2.4 mg/L | 118 | 2.4 mg/L | 2.00% |
| g 328.068 | -379.1 | -0.0154 | 0.00104 mg/L | -0.0154 | 0.00104 mg/L | 6.79% |

ean Data ----------

D: 571562 ms 2.04 Seq. No.: 60 Sample No.: 47 A/S Pos: 65
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
(24.5) Data: Original Date: 3/26/00 9:54:40 PM

| leme | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 179651.5 | 162 | 1.8 | mg/L | 162 | 1.8 | mg/L | 1.08% |
| s 188.979 | 49.5 | 0.311 | 0.0196 | mg/L | 0.311 | 0.0196 | mg/L | 6.30% |
| 208.959 | 531.1 | 0.4781 | 0.00317 | mg/L | 0.4781 | 0.00317 | mg/L | 0.66% |
| a 233.527 105 | 11927.7 | 2.141 | 0.0240 | mg/L | 2.141 | 0.0240 | mg/L | 1.12% |
| e 313.107 | 71409.0 | 0.2213 | 0.00238 | mg/L | 0.2213 | 0.00238 | mg/L | 1.07% |
| d 214.438 9.65 | 1792.0 | 0.1969 | 0.00240 | mg/L | 0.1969 | 0.00240 | mg/L | 1.22% |
| o 228.616 | 620.9 | 0.325 | 0.0034 | mg/L | 0.325 | 0.0034 | mg/L | 1.04% |
| r 267.716 29.3 | 5724.6 | 0.5979 | 0.00256 | mg/L | 0.5979 | 0.00256 | mg/L | 0.43% |
| u 324.754 | 74150.1 | 5.242 | 0.0538 | mg/L | 5.242 | 0.0538 | mg/L | 1.03% |
| e 238.204 | 2040906.3 | 462.2 | 4.62 | mg/L | 462.2 | 4.62 | mg/L | 1.00% |
| n 257.610 | 469075.2 | 14.32 | 0.148 | mg/L | 14.32 | 0.148 | mg/L | 1.03% |
| o 202.030 | 314.7 | 0.220 | 0.0046 | mg/L | 0.220 | 0.0046 | mg/L | 2.10% |
| i 231.604 | 2244.0 | 0.4978 | 0.00491 | mg/L | 0.4978 | 0.00491 | mg/L | 0.99% |
| o 220.353 106 | 1547.5 | 2.156 | 0.0346 | mg/L | 2.156 | 0.0346 | mg/L | 1.61% |
| o 206.833 | 7.0 | 0.166 | 0.0000 | mg/L | 0.166 | 0.0000 | mg/L | 0.03% |
| e 196.026 | 74.0 | 0.351 | 0.0397 | mg/L | 0.351 | 0.0397 | mg/L | 11.31% |
| r 407.771 | 960804.8 | 1.559 | 0.0164 | mg/L | 1.559 | 0.0164 | mg/L | 1.05% |
| i 334.941 | 242547.3 | 5.151 | 0.0595 | mg/L | 5.151 | 0.0595 | mg/L | 1.16% |
| l 190.800 | -3.0 | -0.0279 | 0.02056 | mg/L | -0.0279 | 0.02056 | mg/L | 73.61% |
| 29[illegible]2 | 5559.0 | 0.4119 | 0.00588 | mg/L | 0.4119 | 0.00588 | mg/L | 1.43% |
| n 21[illegible]856 | 69417.7 | 6.869 | 0.0642 | mg/L | 6.869 | 0.0642 | mg/L | 0.93% |
| g 279.079 | 184594.7 | 198 | 2.1 | mg/L | 198 | 2.1 | mg/L | 1.04% |
| a 317.933 | 8299290.0 | 879 | 8.8 | mg/L | 879 | 8.8 | mg/L | 1.01% |
| n 189.933 | 500.1 | 0.877 | 0.0123 | mg/L | 0.877 | 0.0123 | mg/L | 1.40% |
| i 251.611 | 264547.4 | 118 | 1.7 | mg/L | 118 | 1.7 | mg/L | 1.45% |
| g 328.068 | 2703.7 | 0.190 | 0.0009 | mg/L | 0.190 | 0.0009 | mg/L | 0.46% |

ean Data ----------

D: 571562 msd 2.04 Seq. No.: 61 Sample No.: 48 A/S Pos: 66
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 10:00:53 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 105985.4 | 95.2 | 0.38 | mg/L | 95.2 | 0.38 | mg/L | 0.40% |
| s 188.979 | 53.3 | 0.363 | 0.0333 | mg/L | 0.363 | 0.0333 | mg/L | 9.19% |
| 208.959 | 419.7 | 0.2872 | 0.00669 | mg/L | 0.2872 | 0.00669 | mg/L | 2.33% |
| a 233.527 64.1 | 7030.2 | 1.307 | 0.0133 | mg/L | 1.307 | 0.0133 | mg/L | 1.02% |
| e 313.107 | 69052.4 | 0.2141 | 0.00165 | mg/L | 0.2141 | 0.00165 | mg/L | 0.77% |
| d 214.438 9.49 | 1907.7 | 0.2017 | 0.00097 | mg/L | 0.2017 | 0.00097 | mg/L | 0.48% |
| o 228.616 | 656.9 | 0.344 | 0.0010 | mg/L | 0.344 | 0.0010 | mg/L | 0.28% |
| r 267.716 27.5 | 5188.6 | 0.5609 | 0.00151 | mg/L | 0.5609 | 0.00151 | mg/L | 0.27% |
| u 324.754 | 62767.9 | 4.406 | 0.0364 | mg/L | 4.406 | 0.0364 | mg/L | 0.83% |
| e 238.204 | 2971749.2 | 673.1 | 1.79 | mg/L | 673.1 | 1.79 | mg/L | 0.27% |
| n 257.610 | 332247.1 | 10.15 | 0.027 | mg/L | 10.15 | 0.027 | mg/L | 0.26% |
| o 202.030 | 314.3 | 0.219 | 0.0016 | mg/L | 0.219 | 0.0016 | mg/L | 0.75% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 231.604 | 2076.1 | 0.4602 | 0.00062 mg/L | 0.4602 | 0.00062 mg/L | 0.14% |
| 220.353 108 | 1596.2 | 2.206 | 0.0030 mg/L | 2.206 | 0.0030 mg/L | 0.13% |
| 206.833 | -14.1 | 0.140 | 0.0003 mg/L | 0.140 | 0.0003 mg/L | 0.21% |
| 196.026 | 64.7 | 0.311 | 0.0860 mg/L | 0.311 | 0.0860 mg/L | 27.68% |
| 407.771 | 601512.5 | 0.9756 | 0.00167 mg/L | 0.9756 | 0.00167 mg/L | 0.17% |
| 334.941 | 177945.1 | 3.780 | 0.0150 mg/L | 3.780 | 0.0150 mg/L | 0.40% |
| 190.800 | -8.2 | -0.0357 | 0.01460 mg/L | -0.0357 | 0.01460 mg/L | 40.90% |
| 292.402 | 6444.1 | 0.4532 | 0.00404 mg/L | 0.4532 | 0.00404 mg/L | 0.89% |
| 213.856 | 59417.0 | 5.893 | 0.0473 mg/L | 5.893 | 0.0473 mg/L | 0.80% |
| 279.079 | 107668.3 | 116 | 0.9 mg/L | 116 | 0.9 mg/L | 0.78% |
| 317.933 | 4234090.2 | 448 | 1.2 mg/L | 448 | 1.2 mg/L | 0.28% |
| 189.933 | 531.7 | 0.934 | 0.0036 mg/L | 0.934 | 0.0036 mg/L | 0.39% |
| 251.611 | 115808.9 | 51.6 | 0.62 mg/L | 51.6 | 0.62 mg/L | 1.20% |
| 328.068 | 2689.4 | 0.189 | 0.0040 mg/L | 0.189 | 0.0040 mg/L | 2.09% |

an Data ----------

: 570933 2.26 Seq. No.: 62 Sample No.: 49 A/S Pos: 67
mple Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 10:10:18 PM

| ement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| 396.152 | 112468.9 | 100 | 0.4 | mg/L | 100 | 0.4 | mg/L | 0.39% |
| 188.979 | 27.2 | 0.0522 | 0.00461 | mg/L | 0.0522 | 0.00461 | mg/L | 8.82% |
| 208.959 | 388.2 | 0.3698 | 0.00974 | mg/L | 0.3698 | 0.00974 | mg/L | 2.63% |
| 233.527 60.4 | 7605.6 | 1.366 | 0.0062 | mg/L | 1.366 | 0.0062 | mg/L | 0.45% |
| 313.107 | 2668.6 | 0.0106 | 0.00001 | mg/L | 0.0106 | 0.00001 | mg/L | 0.09% |
| 214.438 0.73 | 157.4 | 0.0164 | 0.00086 | mg/L | 0.0164 | 0.00086 | mg/L | 5.22% |
| 228.616 | 195.6 | 0.104 | 0.0007 | mg/L | 0.104 | 0.0007 | mg/L | 0.64% |
| 267.716 19 | 4592.7 | 0.4369 | 0.00506 | mg/L | 0.4369 | 0.00506 | mg/L | 1.16% |
| 324.754 | 8590.0 | 0.5675 | 0.00034 | mg/L | 0.5675 | 0.00034 | mg/L | 0.06% |
| 238.204 | 1101766.2 | 249.5 | 0.73 | mg/L | 249.5 | 0.73 | mg/L | 0.29% |
| 257.610 | 360071.1 | 10.98 | 0.028 | mg/L | 10.98 | 0.028 | mg/L | 0.25% |
| 202.030 | 48.5 | 0.0323 | 0.00053 | mg/L | 0.0323 | 0.00053 | mg/L | 1.65% |
| 231.604 | 1036.7 | 0.2273 | 0.00100 | mg/L | 0.2273 | 0.00100 | mg/L | 0.44% |
| 220.353 110 | 1805.7 | 2.489 | 0.0123 | mg/L | 2.489 | 0.0123 | mg/L | 0.49% |
| 206.833 | 12.7 | 0.104 | 0.0146 | mg/L | 0.104 | 0.0146 | mg/L | 14.02% |
| 196.026 | -4.4 | 0.0131 | 0.00974 | mg/L | 0.0131 | 0.00974 | mg/L | 74.24% |
| 407.771 | 610831.9 | 0.9428 | 0.00155 | mg/L | 0.9428 | 0.00155 | mg/L | 0.16% |
| 334.941 | 133673.5 | 2.840 | 0.0131 | mg/L | 2.840 | 0.0131 | mg/L | 0.46% |
| 190.800 | -11.3 | -0.279 | 0.0320 | mg/L | -0.279 | 0.0320 | mg/L | 11.49% |
| 292.402 | 3913.3 | 0.3038 | 0.00034 | mg/L | 0.3038 | 0.00034 | mg/L | 0.11% |
| 213.856 | 35210.4 | 3.223 | 0.0133 | mg/L | 3.223 | 0.0133 | mg/L | 0.41% |
| 279.079 | 1330967.6 | 1430 | 5.3 | mg/L | 1430 | 5.3 | mg/L | 0.37% |
| 317.933 | 21928373.0 | 2320 | 18.1 | mg/L | 2320 | 18.1 | mg/L | 0.78% |
| 189.933 | -23.1 | -0.0715 | 0.00914 | mg/L | -0.0715 | 0.00914 | mg/L | 12.78% |
| 251.611 | 80247.7 | 35.7 | 0.34 | mg/L | 35.7 | 0.34 | mg/L | 0.94% |
| 328.068 | -592.2 | -0.0296 | 0.00032 | mg/L | -0.0296 | 0.00032 | mg/L | 1.08% |

ean Data ----------

D: 570935 2.03 Seq. No.: 63 Sample No.: 50 A/S Pos: 68
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 10:16:48 PM

| ement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| 396.152 | 217902.6 | 196 | 1.2 | mg/L | 196 | 1.2 | mg/L | 0.62% |
| 188.979 | 13.8 | 0.0537 | 0.01146 | mg/L | 0.0537 | 0.01146 | mg/L | 21.33% |
| 208.959 | 438.8 | 0.4048 | 0.01401 | mg/L | 0.4048 | 0.01401 | mg/L | 3.46% |
| 233.527 130 | 14593.7 | 2.594 | 0.0126 | mg/L | 2.594 | 0.0126 | mg/L | 0.49% |
| 313.107 | 9617.5 | 0.0319 | 0.00007 | mg/L | 0.0319 | 0.00007 | mg/L | 0.23% |
| 214.438 0.55 | 102.3 | 0.0112 | 0.00052 | mg/L | 0.0112 | 0.00052 | mg/L | 4.61% |
| 228.616 | 218.9 | 0.101 | 0.0004 | mg/L | 0.101 | 0.0004 | mg/L | 0.44% |
| 267.716 23 | 4455.6 | 0.4626 | 0.00146 | mg/L | 0.4626 | 0.00146 | mg/L | 0.32% |
| 324.754 | 12450.7 | 0.8356 | 0.00355 | mg/L | 0.8356 | 0.00355 | mg/L | 0.42% |
| 238.204 | 1485696.6 | 336.5 | 1.99 | mg/L | 336.5 | 1.99 | mg/L | 0.59% |
| 257.610 | 592422.1 | 18.09 | 0.102 | mg/L | 18.09 | 0.102 | mg/L | 0.56% |
| 202.030 | 32.8 | 0.0213 | 0.00339 | mg/L | 0.0213 | 0.00339 | mg/L | 15.92% |
| 231.604 | 955.0 | 0.2090 | 0.00429 | mg/L | 0.2090 | 0.00429 | mg/L | 2.05% |
| 220.353 23 | 287.5 | 0.4688 | 0.00261 | mg/L | 0.4688 | 0.00261 | mg/L | 0.56% |
| 206.833 | -3.0 | 0.0538 | 0.01205 | mg/L | 0.0538 | 0.01205 | mg/L | 22.41% |
| 196.026 | 2.5 | 0.0429 | 0.01779 | mg/L | 0.0429 | 0.01779 | mg/L | 41.46% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| r 407.771 | 1650421.6 | 2.696 | 0.0150 mg/L | 2.696 | 0.0150 mg/L | 0.56% |
| i 334.941 | 423266.6 | 8.986 | 0.0716 mg/L | 8.986 | 0.0716 mg/L | 0.80% |
| l 190.800 | -8.1 | -0.101 | 0.0647 mg/L | -0.101 | 0.0647 mg/L | 64.03% |
| 292.402 | 3865.4 | 0.2843 | 0.00187 mg/L | 0.2843 | 0.00187 mg/L | 0.66% |
| n 213.856 | 4996.1 | 0.3315 | 0.00115 mg/L | 0.3315 | 0.00115 mg/L | 0.35% |
| g 279.079 | 194548.2 | 209 | 1.4 mg/L | 209 | 1.4 mg/L | 0.65% |
| a 317.933 | 10117737.5 | 1070 | 13.6 mg/L | 1070 | 13.6 mg/L | 1.27% |
| n 189.933 | 10.8 | -0.0101 | 0.01932 mg/L | -0.0101 | 0.01932 mg/L | 192.14% |
| i 251.611 | 252022.7 | 112 | 0.9 mg/L | 112 | 0.9 mg/L | 0.82% |
| g 328.068 | -438.4 | -0.0193 | 0.00066 mg/L | -0.0193 | 0.00066 mg/L | 3.40% |

Mean Data

ID: 570936 2.02 Seq. No.: 64 Sample No.: 51 A/S Pos: 69
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 10:23:21 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Units | Mean Conc. | Sample Std.Dev. | Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 308063.3 | 278 | 4.0 | mg/L | 278 | 4.0 | mg/L | 1.42% |
| s 188.979 | 27.2 | 0.108 | 0.0206 | mg/L | 0.108 | 0.0206 | mg/L | 19.05% |
| 208.959 | 706.0 | 0.7092 | 0.01790 | mg/L | 0.7092 | 0.01790 | mg/L | 2.52% |
| a 233.527 190 | 21796.3 | 3.861 | 0.0158 | mg/L | 3.861 | 0.0158 | mg/L | 0.41% |
| e 313.107 | 17533.8 | 0.0562 | 0.00040 | mg/L | 0.0562 | 0.00040 | mg/L | 0.70% |
| d 214.438 2.1 | 369.3 | 0.0425 | 0.00018 | mg/L | 0.0425 | 0.00018 | mg/L | 0.42% |
| o 2 616 | 191.4 | 0.0819 | 0.00031 | mg/L | 0.0819 | 0.00031 | mg/L | 0.37% |
| r 2 716 27 | 5473.4 | 0.5473 | 0.00180 | mg/L | 0.5473 | 0.00180 | mg/L | 0.33% |
| u 324.754 | 13328.5 | 0.8949 | 0.00497 | mg/L | 0.8949 | 0.00497 | mg/L | 0.56% |
| e 238.204 | 1649164.9 | 373.5 | 4.38 | mg/L | 373.5 | 4.38 | mg/L | 1.17% |
| n 257.610 | 1004255.9 | 30.66 | 0.375 | mg/L | 30.66 | 0.375 | mg/L | 1.22% |
| o 202.030 | 48.1 | 0.0320 | 0.00355 | mg/L | 0.0320 | 0.00355 | mg/L | 11.09% |
| i 231.604 | 1268.2 | 0.2792 | 0.00140 | mg/L | 0.2792 | 0.00140 | mg/L | 0.50% |
| b 220.353 230 | 3441.3 | 4.732 | 0.0268 | mg/L | 4.732 | 0.0268 | mg/L | 0.57% |
| b 206.833 | 2.0 | 0.0985 | 0.03422 | mg/L | 0.0985 | 0.03422 | mg/L | 34.74% |
| e 196.026 | 9.6 | 0.0735 | 0.01133 | mg/L | 0.0735 | 0.01133 | mg/L | 15.42% |
| r 407.771 | 1254561.1 | 2.023 | 0.0255 | mg/L | 2.023 | 0.0255 | mg/L | 1.26% |
| i 334.941 | 561815.1 | 11.93 | 0.168 | mg/L | 11.93 | 0.168 | mg/L | 1.41% |
| l 190.800 | -12.0 | -0.202 | 0.0258 | mg/L | -0.202 | 0.0258 | mg/L | 12.81% |
| 292.402 | 5006.2 | 0.3786 | 0.00260 | mg/L | 0.3786 | 0.00260 | mg/L | 0.69% |
| Zn 213.856 | 62507.7 | 6.099 | 0.0346 | mg/L | 6.099 | 0.0346 | mg/L | 0.57% |
| Mg 279.079 | 365569.4 | 392 | 5.0 | mg/L | 392 | 5.0 | mg/L | 1.28% |
| Ca 317.933 | 14746267.1 | 1560 | 19.9 | mg/L | 1560 | 19.9 | mg/L | 1.28% |
| Sn 189.933 | 31.3 | 0.0272 | 0.00907 | mg/L | 0.0272 | 0.00907 | mg/L | 33.36% |
| Si 251.611 | 347164.2 | 155 | 2.2 | mg/L | 155 | 2.2 | mg/L | 1.40% |
| Ag 328.068 | -485.2 | -0.0225 | 0.00014 | mg/L | -0.0225 | 0.00014 | mg/L | 0.61% |

Mean Data

ID: 570983 2.13 Seq. No.: 65 Sample No.: 52 A/S Pos: 70
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 10:29:42 PM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Units | Mean Conc. | Sample Std.Dev. | Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 163980.7 | 148 | 2.0 | mg/L | 148 | 2.0 | mg/L | 1.39% |
| As 188.979 | 22.8 | 0.164 | 0.0367 | mg/L | 0.164 | 0.0367 | mg/L | 22.40% |
| B 208.959 | 159.2 | 0.0303 | 0.00071 | mg/L | 0.0303 | 0.00071 | mg/L | 2.34% |
| Ba 233.527 52 | 6032.8 | 1.116 | 0.0091 | mg/L | 1.116 | 0.0091 | mg/L | 0.81% |
| Be 313.107 | 3376.4 | 0.0128 | 0.00006 | mg/L | 0.0128 | 0.00006 | mg/L | 0.50% |
| Cd 214.438 < | 147.3 | 0.0053 | 0.00075 | mg/L | 0.0053 | 0.00075 | mg/L | 14.19% |
| Co 228.616 | 399.3 | 0.210 | 0.0001 | mg/L | 0.210 | 0.0001 | mg/L | 0.07% |
| Cr 267.716 13 | 2496.6 | 0.2807 | 0.00295 | mg/L | 0.2807 | 0.00295 | mg/L | 1.05% |
| Cu 324.754 | 5303.7 | 0.3085 | 0.00263 | mg/L | 0.3085 | 0.00263 | mg/L | 0.85% |
| Fe 238.204 | 2188454.3 | 495.7 | 5.53 | mg/L | 495.7 | 5.53 | mg/L | 1.12% |
| Mn 257.610 | 313779.2 | 9.582 | 0.1152 | mg/L | 9.582 | 0.1152 | mg/L | 1.20% |
| Mo 202.030 | 20.1 | 0.0123 | 0.00071 | mg/L | 0.0123 | 0.00071 | mg/L | 5.78% |
| Ni 231.604 | 1778.1 | 0.3934 | 0.00651 | mg/L | 0.3934 | 0.00651 | mg/L | 1.65% |
| Pb 220.353 24 | 328.5 | 0.5124 | 0.00544 | mg/L | 0.5124 | 0.00544 | mg/L | 1.06% |
| Sb 206.833 | -19.4 | 0.0310 | 0.01901 | mg/L | 0.0310 | 0.01901 | mg/L | 61.33% |
| Se 196.026 | -2.0 | 0.0235 | 0.00239 | mg/L | 0.0235 | 0.00239 | mg/L | 10.17% |
| Sr 407.771 | 145991.4 | 0.2327 | 0.00271 | mg/L | 0.2327 | 0.00271 | mg/L | 1.17% |
| Ti 334.941 | 81860.8 | 1.741 | 0.0152 | mg/L | 1.741 | 0.0152 | mg/L | 0.88% |
| Tl 190.800 | -23.9 | -0.116 | 0.0365 | mg/L | -0.116 | 0.0365 | mg/L | 31.48% |
| V 292.402 | 5312.5 | 0.3843 | 0.00166 | mg/L | 0.3843 | 0.00166 | mg/L | 0.43% |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| n 213.856 | 16917.2 | 1.649 | 0.0179 | mg/L | 1.649 | 0.0179 | mg/L | 1.09% |
| g 279.079 | 60018.6 | 64.4 | 0.69 | mg/L | 64.4 | 0.69 | mg/L | 1.07% |
| a 317.933 | 576020.0 | 60.9 | 0.71 | mg/L | 60.9 | 0.71 | mg/L | 1.16% |
| n 189.933 | 19.9 | 0.0064 | 0.00635 | mg/L | 0.0064 | 0.00635 | mg/L | 98.45% |
| i 251.611 | 88529.0 | 39.4 | 0.57 | mg/L | 39.4 | 0.57 | mg/L | 1.44% |
| g 328.068 | -402.8 | -0.0170 | 0.00184 | mg/L | -0.0170 | 0.00184 | mg/L | 10.85% |

ean Data ----------

D: 570984 2.02 Seq. No.: 66 Sample No.: 53 A/S Pos: 71
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 10:35:58 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 163754.6 | 148 | 0.9 | mg/L | 148 | 0.9 | mg/L | 0.63% |
| s 188.979 | 23.1 | 0.166 | 0.0070 | mg/L | 0.166 | 0.0070 | mg/L | 4.21% |
| 208.959 | 176.4 | 0.0603 | 0.00024 | mg/L | 0.0603 | 0.00024 | mg/L | 0.39% |
| a 233.527 50 | 5504.6 | 1.020 | 0.0130 | mg/L | 1.020 | 0.0130 | mg/L | 1.27% |
| e 313.107 | 3243.7 | 0.0124 | 0.00022 | mg/L | 0.0124 | 0.00022 | mg/L | 1.75% |
| d 214.438 < | 127.3 | 0.0044 | 0.00027 | mg/L | 0.0044 | 0.00027 | mg/L | 6.22% |
| o 228.616 | 382.6 | 0.201 | 0.0029 | mg/L | 0.201 | 0.0029 | mg/L | 1.46% |
| r 267.716 14 | 2576.4 | 0.2860 | 0.00540 | mg/L | 0.2860 | 0.00540 | mg/L | 1.89% |
| u 324.754 | 4840.2 | 0.2786 | 0.00677 | mg/L | 0.2786 | 0.00677 | mg/L | 2.43% |
| e 238.204 | 2037493.3 | 461.5 | 2.38 | mg/L | 461.5 | 2.38 | mg/L | 0.52% |
| n 257.610 | 283639.3 | 8.662 | 0.0490 | mg/L | 8.662 | 0.0490 | mg/L | 0.57% |
| o 202.030 | 20.2 | 0.0124 | 0.00438 | mg/L | 0.0124 | 0.00438 | mg/L | 35.24% |
| i 231.604 | 1766.8 | 0.3909 | 0.00076 | mg/L | 0.3909 | 0.00076 | mg/L | 0.19% |
| b 220.353 24 | 300.5 | 0.4748 | 0.01683 | mg/L | 0.4748 | 0.01683 | mg/L | 3.54% |
| b 206.833 | -19.7 | 0.0138 | 0.02747 | mg/L | 0.0138 | 0.02747 | mg/L | 198.70% |
| e 196.026 | 5.8 | 0.0573 | 0.01921 | mg/L | 0.0573 | 0.01921 | mg/L | 33.51% |
| r 407.771 | 182508.6 | 0.2935 | 0.00137 | mg/L | 0.2935 | 0.00137 | mg/L | 0.47% |
| i 334.941 | 87494.6 | 1.860 | 0.0275 | mg/L | 1.860 | 0.0275 | mg/L | 1.48% |
| l 190.800 | -21.2 | -0.0893 | 0.01497 | mg/L | -0.0893 | 0.01497 | mg/L | 16.76% |
| 292.402 | 5276.4 | 0.3871 | 0.00154 | mg/L | 0.3871 | 0.00154 | mg/L | 0.40% |
| n 213.856 | 15604.6 | 1.520 | 0.0225 | mg/L | 1.520 | 0.0225 | mg/L | 1.48% |
| g 279.079 | 53586.2 | 57.5 | 0.82 | mg/L | 57.5 | 0.82 | mg/L | 1.42% |
| a 317.933 | 520754.4 | 55.0 | 0.30 | mg/L | 55.0 | 0.30 | mg/L | 0.54% |
| n 189.933 | 25.8 | 0.0171 | 0.01047 | mg/L | 0.0171 | 0.01047 | mg/L | 61.06% |
| i 251.611 | 65729.0 | 29.2 | 0.55 | mg/L | 29.2 | 0.55 | mg/L | 1.88% |
| g 328.068 | -383.6 | -0.0157 | 0.00064 | mg/L | -0.0157 | 0.00064 | mg/L | 4.11% |

ean Data ----------

D: 570986 2.12 Seq. No.: 67 Sample No.: 54 A/S Pos: 72
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 10:42:24 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 52464.6 | 46.3 | 0.42 | mg/L | 46.3 | 0.42 | mg/L | 0.91% |
| s 188.979 | 17.1 | -0.0268 | 0.01092 | mg/L | -0.0268 | 0.01092 | mg/L | 40.66% |
| 208.959 | 99.7 | 0.0592 | 0.00397 | mg/L | 0.0592 | 0.00397 | mg/L | 6.71% |
| a 233.527 27 | 3166.0 | 0.5815 | 0.00366 | mg/L | 0.5815 | 0.00366 | mg/L | 0.63% |
| e 313.107 | 446.7 | 0.0038 | 0.00009 | mg/L | 0.0038 | 0.00009 | mg/L | 2.25% |
| d 214.438 0.64 | 96.1 | 0.0136 | 0.00035 | mg/L | 0.0136 | 0.00035 | mg/L | 2.56% |
| o 228.616 | 162.6 | 0.0871 | 0.00065 | mg/L | 0.0871 | 0.00065 | mg/L | 0.74% |
| r 267.716 5.1 | 1020.9 | 0.1078 | 0.00365 | mg/L | 0.1078 | 0.00365 | mg/L | 3.38% |
| u 324.754 | 3608.5 | 0.2209 | 0.00187 | mg/L | 0.2209 | 0.00187 | mg/L | 0.85% |
| e 238.204 | 640871.9 | 145.1 | 1.26 | mg/L | 145.1 | 1.26 | mg/L | 0.87% |
| n 257.610 | 449253.6 | 13.72 | 0.117 | mg/L | 13.72 | 0.117 | mg/L | 0.86% |
| o 202.030 | 19.1 | 0.0116 | 0.00256 | mg/L | 0.0116 | 0.00256 | mg/L | 22.13% |
| i 231.604 | 651.9 | 0.1411 | 0.00198 | mg/L | 0.1411 | 0.00198 | mg/L | 1.40% |
| b 220.353 24 | 350.1 | 0.5065 | 0.00879 | mg/L | 0.5065 | 0.00879 | mg/L | 1.74% |
| b 206.833 | 12.4 | 0.0565 | 0.02866 | mg/L | 0.0565 | 0.02866 | mg/L | 50.75% |
| e 196.026 | -9.2 | -0.0075 | 0.00856 | mg/L | -0.0075 | 0.00856 | mg/L | 114.11% |
| r 407.771 | 3065759.9 | 4.959 | 0.0448 | mg/L | 4.959 | 0.0448 | mg/L | 0.90% |
| i 334.941 | 41173.3 | 0.8770 | 0.00914 | mg/L | 0.8770 | 0.00914 | mg/L | 1.04% |
| l 190.800 | -5.7 | -0.515 | 0.0260 | mg/L | -0.515 | 0.0260 | mg/L | 5.05% |
| 292.402 | 1958.6 | 0.1494 | 0.00111 | mg/L | 0.1494 | 0.00111 | mg/L | 0.74% |
| n 213.856 | 12849.2 | 0.7279 | 0.00679 | mg/L | 0.7279 | 0.00679 | mg/L | 0.93% |
| g 279.079 | 166321.7 | 178 | 1.9 | mg/L | 178 | 1.9 | mg/L | 1.06% |
| a 317.933 | 44358219.1 | 4700 | 50.2 | mg/L | 4700 | 50.2 | mg/L | 1.07% |
| n 189.933 | -105.0 | -0.220 | 0.0103 | mg/L | -0.220 | 0.0103 | mg/L | 4.69% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| i 251.611 | 56534.8 | 25.1 | 0.37 mg/L | 25.1 | 0.37 mg/L | 1.48% |
| g 328.068 | -870.8 | -0.0481 | 0.00086 mg/L | -0.0481 | 0.00086 mg/L | 1.79% |

ean Data

D: xxx Seq. No.: 68 Sample No.: 55 A/S Pos: 73
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 10:48:57 PM

| lement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | -56.9 | 0.0020 | 0.00151 | mg/L | 0.0020 | 0.00151 | mg/L | 74.49% |
| s 188.979 | -4.4 | -0.0260 | 0.04074 | mg/L | -0.0260 | 0.04074 | mg/L | 156.55% |
| 208.959 | 20.4 | 0.0068 | 0.00594 | mg/L | 0.0068 | 0.00594 | mg/L | 86.85% |
| a 233.527 | -81.3 | 0.0009 | 0.00051 | mg/L | 0.0009 | 0.00051 | mg/L | 56.09% |
| e 313.107 | -764.0 | 0.0001 | 0.00010 | mg/L | 0.0001 | 0.00010 | mg/L | 81.65% |
| d 214.438 | -59.9 | 0.0014 | 0.00075 | mg/L | 0.0014 | 0.00075 | mg/L | 52.65% |
| o 228.616 | -2.7 | 0.0013 | 0.00155 | mg/L | 0.0013 | 0.00155 | mg/L | 118.74% |
| r 267.716 | 35.9 | -0.0008 | 0.00054 | mg/L | -0.0008 | 0.00054 | mg/L | 67.22% |
| u 324.754 | 336.7 | 0.0005 | 0.00042 | mg/L | 0.0005 | 0.00042 | mg/L | 76.91% |
| e 238.204 | 155.5 | 0.0119 | 0.00035 | mg/L | 0.0119 | 0.00035 | mg/L | 2.92% |
| n 257.610 | 20.3 | 0.0003 | 0.00029 | mg/L | 0.0003 | 0.00029 | mg/L | 86.74% |
| o 202.030 | 3.0 | 0.0003 | 0.00029 | mg/L | 0.0003 | 0.00029 | mg/L | 91.51% |
| i 231.604 | 37.4 | 0.0034 | 0.00294 | mg/L | 0.0034 | 0.00294 | mg/L | 85.76% |
| b 220.353 | -24.2 | 0.0029 | 0.00129 | mg/L | 0.0029 | 0.00129 | mg/L | 44.58% |
| o 20[illegible]933 | 13.4 | -0.0025 | 0.02292 | mg/L | -0.0025 | 0.02292 | mg/L | 912.12% |
| e 19[illegible]26 | -7.8 | -0.0014 | 0.02979 | mg/L | -0.0014 | 0.02979 | mg/L | >999.9% |
| r 407.771 | 33.2 | 0.0001 | 0.00001 | mg/L | 0.0001 | 0.00001 | mg/L | 10.20% |
| i 334.941 | -76.0 | 0.0016 | 0.00040 | mg/L | 0.0016 | 0.00040 | mg/L | 25.08% |
| l 190.800 | -12.2 | -0.0250 | 0.02711 | mg/L | -0.0250 | 0.02711 | mg/L | 108.54% |
| 292.402 | -16.8 | 0.0004 | 0.00198 | mg/L | 0.0004 | 0.00198 | mg/L | 565.61% |
| n 213.856 | 179.6 | 0.0021 | 0.00020 | mg/L | 0.0021 | 0.00020 | mg/L | 9.39% |
| g 279.079 | -21.4 | 0.0098 | 0.00696 | mg/L | 0.0098 | 0.00696 | mg/L | 70.87% |
| a 317.933 | 1229.3 | 0.115 | 0.0028 | mg/L | 0.115 | 0.0028 | mg/L | 2.43% |
| n 189.933 | 16.7 | 0.0006 | 0.01076 | mg/L | 0.0006 | 0.01076 | mg/L | >999.9% |
| i 251.611 | 460.1 | 0.115 | 0.0120 | mg/L | 0.115 | 0.0120 | mg/L | 10.43% |
| g 328.068 | -143.0 | 0.0003 | 0.00056 | mg/L | 0.0003 | 0.00056 | mg/L | 161.24% |

ean Data

D: r blk Seq. No.: 69 Sample No.: 1 A/S Pos: 4
ample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 10:55:28 PM

| lement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | -73.8 | -0.0133 | 0.01889 | mg/L | | | | 142.04% |
| s 18[illegible]79 | -2.0 | -0.0092 | 0.01490 | mg/L | | | | 161.21% |
| 208[illegible]59 | 15.0 | 0.0004 | 0.00374 | mg/L | | | | 843.68% |
| a 233.527 | -72.4 | 0.0025 | 0.00010 | mg/L | | | | 3.89% |
| e 313.107 | -771.8 | 0.0001 | 0.00004 | mg/L | | | | 41.24% |
| d 214.438 | -63.9 | 0.0010 | 0.00002 | mg/L | | | | 1.99% |
| o 228.616 | -4.7 | 0.0003 | 0.00053 | mg/L | | | | 191.16% |
| r 267.716 | 34.9 | -0.0009 | 0.00096 | mg/L | | | | 105.49% |
| u 324.754 | 309.7 | -0.0014 | 0.00147 | mg/L | | | | 106.36% |
| e 238.204 | 115.2 | 0.0027 | 0.00020 | mg/L | | | | 7.21% |
| n 257.610 | 11.1 | 0.0001 | 0.00009 | mg/L | | | | 161.18% |
| o 202.030 | 1.0 | -0.0011 | 0.00262 | mg/L | | | | 229.49% |
| i 231.604 | 14.3 | -0.0018 | 0.00096 | mg/L | | | | 54.40% |
| b 220.353 | -21.9 | 0.0059 | 0.00386 | mg/L | | | | 65.01% |
| b 206.833 | 16.7 | 0.0163 | 0.02741 | mg/L | | | | 167.77% |
| e 196.026 | -11.0 | -0.0149 | 0.00644 | mg/L | | | | 43.20% |
| r 407.771 | -53.1 | 0.0000 | 0.00000 | mg/L | | | | >999.9% |
| i 334.941 | -123.4 | 0.0006 | 0.00014 | mg/L | | | | 24.83% |
| l 190.800 | -12.4 | -0.0277 | 0.00900 | mg/L | | | | 32.50% |
| 292.402 | -14.5 | 0.0006 | 0.00062 | mg/L | | | | 112.65% |
| n 213.856 | 149.9 | -0.0009 | 0.00001 | mg/L | | | | 1.41% |
| g 279.079 | -37.4 | -0.0073 | 0.01477 | mg/L | | | | 202.74% |
| a 317.933 | 491.5 | 0.0370 | 0.00757 | mg/L | | | | 20.45% |
| n 189.933 | 12.1 | -0.0076 | 0.00574 | mg/L | | | | 75.51% |
| i 251.611 | 387.4 | 0.0830 | 0.00417 | mg/L | | | | 5.03% |
| g 328.068 | -150.4 | -0.0001 | 0.00094 | mg/L | | | | 635.54% |

ean Data

): ccv
.mple Qty: 1.0000 g

Seq. No.: 70 Sample No.: 2 A/S Pos: 7
Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 11:01:54 PM

| .ement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| . 396.152 | 2037.0 | 1.86 | 0.006 | mg/L | | | | 0.31% |
| 3 188.979 | 282.0 | 1.96 | 0.023 | mg/L | | | | 1.17% |
| 208.959 | 838.7 | 0.9376 | 0.01380 | mg/L | | | | 1.47% |
| a 233.527 | 10989.9 | 1.933 | 0.0100 | mg/L | | | | 0.52% |
| e 313.107 | 315815.9 | 0.9704 | 0.01192 | mg/L | | | | 1.23% |
| l 214.438 | 8221.1 | 0.9593 | 0.00839 | mg/L | | | | 0.87% |
| ) 228.616 | 1869.5 | 0.973 | 0.0054 | mg/L | | | | 0.55% |
| r 267.716 | 19623.6 | 1.939 | 0.0149 | mg/L | | | | 0.77% |
| 1 324.754 | 13805.5 | 0.9650 | 0.00772 | mg/L | | | | 0.80% |
| e 238.204 | 8683.1 | 1.943 | 0.0197 | mg/L | | | | 1.01% |
| 1 257.610 | 31755.5 | 0.9695 | 0.00377 | mg/L | | | | 0.39% |
| ) 202.030 | 1384.8 | 0.972 | 0.0079 | mg/L | | | | 0.81% |
| . 231.604 | 4324.1 | 0.9638 | 0.00914 | mg/L | | | | 0.95% |
| ) 220.353 | 1415.3 | 1.940 | 0.0133 | mg/L | | | | 0.69% |
| ) 206.833 | 355.4 | 1.91 | 0.043 | mg/L | | | | 2.24% |
| e 196.026 | 440.4 | 1.93 | 0.041 | mg/L | | | | 2.14% |
| r 407.771 | 585916.5 | 0.9686 | 0.01142 | mg/L | | | | 1.18% |
| . 334.941 | 45255.7 | 0.9636 | 0.00598 | mg/L | | | | 0.62% |
| . 190.800 | 182.1 | 1.92 | 0.019 | mg/L | | | | 0.99% |
| 292.402 | 10924.8 | 0.9788 | 0.00358 | mg/L | | | | 0.37% |
| 1 213.856 | 19218.3 | 1.933 | 0.0136 | mg/L | | | | 0.70% |
| g 279.079 | 1855.0 | 2.02 | 0.014 | mg/L | | | | 0.68% |
| i 317.933 | 19477.3 | 2.05 | 0.013 | mg/L | | | | 0.64% |
| 1 189.933 | 1110.4 | 1.98 | 0.019 | mg/L | | | | 0.98% |
| . 251.611 | 5096.3 | 2.18 | 0.010 | mg/L | | | | 0.48% |
| g 328.068 | 16135.1 | 1.08 | 0.006 | mg/L | | | | 0.55% |

ean Data

D: 570985 2.07
ample Qty: 1.0000 mL

Seq. No.: 71 Sample No.: 56 A/S Pos: 74
Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 11:08:20 PM

| .ement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| . 396.152 | 121148.7 | 109 | 0.7 | mg/L | 109 | 0.7 | mg/L | 0.65% |
| 3 188.979 | 24.0 | 0.0877 | 0.01470 | mg/L | 0.0877 | 0.01470 | mg/L | 16.77% |
| 208.959 | 368.9 | 0.3150 | 0.00582 | mg/L | 0.3150 | 0.00582 | mg/L | 1.85% |
| a 233.527 55 | 6274.3 | 1.145 | 0.0046 | mg/L | 1.145 | 0.0046 | mg/L | 0.40% |
| e 313.107 | 2401.4 | 0.0098 | 0.00003 | mg/L | 0.0098 | 0.00003 | mg/L | 0.29% |
| l 214.438 3.5 | 678.9 | 0.0722 | 0.00042 | mg/L | 0.0722 | 0.00042 | mg/L | 0.58% |
| ) 228.616 | 299.6 | 0.158 | 0.0014 | mg/L | 0.158 | 0.0014 | mg/L | 0.89% |
| r 267.716 9.9 | 2020.4 | 0.2042 | 0.00035 | mg/L | 0.2042 | 0.00035 | mg/L | 0.17% |
| 1 324.754 | 13745.2 | 0.9258 | 0.00187 | mg/L | 0.9258 | 0.00187 | mg/L | 0.20% |
| e 238.204 | 1602436.8 | 362.9 | 1.64 | mg/L | 362.9 | 1.64 | mg/L | 0.45% |
| 1 257.610 | 236935.6 | 7.223 | 0.0324 | mg/L | 7.223 | 0.0324 | mg/L | 0.45% |
| ) 202.030 | 56.2 | 0.0377 | 0.00131 | mg/L | 0.0377 | 0.00131 | mg/L | 3.47% |
| i 231.604 | 1285.4 | 0.2830 | 0.00213 | mg/L | 0.2830 | 0.00213 | mg/L | 0.75% |
| ) 220.353 39 | 555.0 | 0.8081 | 0.01249 | mg/L | 0.8081 | 0.01249 | mg/L | 1.55% |
| ) 206.833 | 5.0 | 0.111 | 0.0051 | mg/L | 0.111 | 0.0051 | mg/L | 4.56% |
| e 196.026 | 0.7 | 0.0354 | 0.03608 | mg/L | 0.0354 | 0.03608 | mg/L | 101.93% |
| r 407.771 | 462612.1 | 0.7222 | 0.00325 | mg/L | 0.7222 | 0.00325 | mg/L | 0.45% |
| i 334.941 | 133644.3 | 2.839 | 0.0122 | mg/L | 2.839 | 0.0122 | mg/L | 0.43% |
| l 190.800 | -14.4 | -0.204 | 0.1105 | mg/L | -0.204 | 0.1105 | mg/L | 54.05% |
| 292.402 | 6041.7 | 0.4719 | 0.00144 | mg/L | 0.4719 | 0.00144 | mg/L | 0.31% |
| n 213.856 | 38170.2 | 3.639 | 0.0145 | mg/L | 3.639 | 0.0145 | mg/L | 0.40% |
| g 279.079 | 782874.1 | 839 | 4.4 | mg/L | 839 | 4.4 | mg/L | 0.52% |
| a 317.933 | 13071713.3 | 1380 | 7.8 | mg/L | 1380 | 7.8 | mg/L | 0.56% |
| n 189.933 | -6.2 | -0.0409 | 0.01065 | mg/L | -0.0409 | 0.01065 | mg/L | 26.04% |
| i 251.611 | 55493.0 | 24.7 | 0.18 | mg/L | 24.7 | 0.18 | mg/L | 0.72% |
| g 328.068 | -540.3 | -0.0261 | 0.00196 | mg/L | -0.0261 | 0.00196 | mg/L | 7.51% |

ean Data

D: 570987 2.14
ample Qty: 1.0000 mL

Seq. No.: 72 Sample No.: 57 A/S Pos: 75
Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 11:14:51 PM

| ement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| 396.152 X | 150634.9 | 136 | 2.1 | mg/L | 136 | 2.1 | mg/L | 1.58% |
| 188.979 X | 47.1 | 0.276 | 0.0003 | mg/L | 0.276 | 0.0003 | mg/L | 0.09% |
| 208.959 | 260.7 | 0.1898 | 0.00377 | mg/L | 0.1898 | 0.00377 | mg/L | 1.98% |
| 233.527 83 | 9875.0 | 1.772 | 0.0086 | mg/L | 1.772 | 0.0086 | mg/L | 0.49% |
| 313.107 | 4485.2 | 0.0162 | 0.00000 | mg/L | 0.0162 | 0.00000 | mg/L | 0.02% |
| 214.438 1.0 | 239.1 | 0.0216 | 0.00024 | mg/L | 0.0216 | 0.00024 | mg/L | 1.12% |
| 228.616 | 273.7 | 0.145 | 0.0007 | mg/L | 0.145 | 0.0007 | mg/L | 0.51% |
| 267.716 12 | 2317.2 | 0.2522 | 0.00421 | mg/L | 0.2522 | 0.00421 | mg/L | 1.67% |
| 324.754 | 9955.2 | 0.6552 | 0.00209 | mg/L | 0.6552 | 0.00209 | mg/L | 0.32% |
| 238.204 | 1565593.9 | 354.6 | 5.13 | mg/L | 354.6 | 5.13 | mg/L | 1.45% |
| 257.610 | 222759.8 | 6.798 | 0.0992 | mg/L | 6.798 | 0.0992 | mg/L | 1.46% |
| 202.030 | 39.6 | 0.0260 | 0.00540 | mg/L | 0.0260 | 0.00540 | mg/L | 20.77% |
| 231.604 | 1557.8 | 0.3440 | 0.00050 | mg/L | 0.3440 | 0.00050 | mg/L | 0.15% |
| 220.353 45 | 669.2 | 0.9681 | 0.00004 | mg/L | 0.9681 | 0.00004 | mg/L | 0.00% |
| 206.833 | -4.9 | 0.0509 | 0.02096 | mg/L | 0.0509 | 0.02096 | mg/L | 41.16% |
| 196.026 | -7.6 | -0.0003 | 0.00850 | mg/L | -0.0003 | 0.00850 | mg/L | >999.9% |
| 407.771 | 735082.8 | 1.175 | 0.0181 | mg/L | 1.175 | 0.0181 | mg/L | 1.54% |
| 334.941 | 120776.3 | 2.566 | 0.0009 | mg/L | 2.566 | 0.0009 | mg/L | 0.03% |
| 190.800 | -15.4 | -0.188 | 0.0659 | mg/L | -0.188 | 0.0659 | mg/L | 35.07% |
| 292.402 | 4943.5 | 0.3764 | 0.00053 | mg/L | 0.3764 | 0.00053 | mg/L | 0.14% |
| 213.856 | 32198.2 | 3.053 | 0.0016 | mg/L | 3.053 | 0.0016 | mg/L | 0.05% |
| 279.079 | 266942.4 | 286 | 4.6 | mg/L | 286 | 4.6 | mg/L | 1.61% |
| 31[illegible]33 | 12870072.5 | 1360 | 11.0 | mg/L | 1360 | 11.0 | mg/L | 0.81% |
| 18[illegible]33 | 16.6 | 0.0005 | 0.00466 | mg/L | 0.0005 | 0.00466 | mg/L | 931.25% |
| 251.611 | 59392.0 | 26.4 | 0.05 | mg/L | 26.4 | 0.05 | mg/L | 0.17% |
| 328.068 | -530.3 | -0.0255 | 0.00166 | mg/L | -0.0255 | 0.00166 | mg/L | 6.52% |

ean Data ----------

D: 571007 2.06 Seq. No.: 73 Sample No.: 58 A/S Pos: 76
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 11:21:19 PM

| ement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| 396.152 X | 179105.3 | 161 | 1.1 | mg/L | 161 | 1.1 | mg/L | 0.69% |
| 188.979 | 21.9 | 0.0963 | 0.00769 | mg/L | 0.0963 | 0.00769 | mg/L | 7.99% |
| 208.959 | 315.4 | 0.2512 | 0.00678 | mg/L | 0.2512 | 0.00678 | mg/L | 2.70% |
| 233.527 27 | 2923.1 | 0.5603 | 0.00438 | mg/L | 0.5603 | 0.00438 | mg/L | 0.78% |
| 313.107 | 2620.3 | 0.0105 | 0.00001 | mg/L | 0.0105 | 0.00001 | mg/L | 0.12% |
| 214.438 0.75 | 189.7 | 0.0155 | 0.00124 | mg/L | 0.0155 | 0.00124 | mg/L | 7.99% |
| 228.616 | 452.5 | 0.238 | 0.0062 | mg/L | 0.238 | 0.0062 | mg/L | 2.62% |
| 267.716 15 | 2937.8 | 0.3034 | 0.00423 | mg/L | 0.3034 | 0.00423 | mg/L | 1.40% |
| 324.754 | 8564.1 | 0.5545 | 0.00058 | mg/L | 0.5545 | 0.00058 | mg/L | 0.10% |
| 23[illegible]04 | 1612720.3 | 365.2 | 5.40 | mg/L | 365.2 | 5.40 | mg/L | 1.48% |
| 25[illegible]610 | 212399.8 | 6.479 | 0.0368 | mg/L | 6.479 | 0.0368 | mg/L | 0.57% |
| 202.030 | 195.9 | 0.136 | 0.0016 | mg/L | 0.136 | 0.0016 | mg/L | 1.18% |
| 231.604 | 2591.4 | 0.5756 | 0.00317 | mg/L | 0.5756 | 0.00317 | mg/L | 0.55% |
| 220.353 14 | 162.8 | 0.2928 | 0.00709 | mg/L | 0.2928 | 0.00709 | mg/L | 2.42% |
| 206.833 | -2.4 | 0.0695 | 0.00982 | mg/L | 0.0695 | 0.00982 | mg/L | 14.14% |
| 196.026 | 0.4 | 0.0339 | 0.00183 | mg/L | 0.0339 | 0.00183 | mg/L | 5.39% |
| 407.771 | 566114.8 | 0.9049 | 0.01460 | mg/L | 0.9049 | 0.01460 | mg/L | 1.61% |
| 334.941 | 96815.9 | 2.058 | 0.0133 | mg/L | 2.058 | 0.0133 | mg/L | 0.65% |
| 190.800 | -14.6 | -0.120 | 0.0298 | mg/L | -0.120 | 0.0298 | mg/L | 24.76% |
| 292.402 | 4970.3 | 0.3769 | 0.00170 | mg/L | 0.3769 | 0.00170 | mg/L | 0.45% |
| 213.856 | 9568.5 | 0.8073 | 0.00343 | mg/L | 0.8073 | 0.00343 | mg/L | 0.43% |
| 279.079 | 450848.0 | 483 | 8.0 | mg/L | 483 | 8.0 | mg/L | 1.65% |
| 317.933 | 8250301.6 | 873 | 13.3 | mg/L | 873 | 13.3 | mg/L | 1.53% |
| 189.933 | 2.3 | -0.0254 | 0.00796 | mg/L | -0.0254 | 0.00796 | mg/L | 31.32% |
| 251.611 | 74979.5 | 33.4 | 0.31 | mg/L | 33.4 | 0.31 | mg/L | 0.93% |
| 328.068 | -470.8 | -0.0215 | 0.00026 | mg/L | -0.0215 | 0.00026 | mg/L | 1.20% |

ean Data ----------

D: 571008 2.19 Seq. No.: 74 Sample No.: 59 A/S Pos: 77
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 11:27:36 PM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| 396.152 | 27956.0 | 25.0 | 0.32 | mg/L | 25.0 | 0.32 | mg/L | 1.29% |
| 188.979 | 3.6 | -0.0055 | 0.01474 | mg/L | -0.0055 | 0.01474 | mg/L | 266.72% |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 208.959 | 3.9 | 80.0 | 0.0539 | 0.00556 | mg/L | 0.0539 | 0.00556 | mg/L | 10.33% |
| a 233.527 | | 353.6 | 0.0847 | 0.00204 | mg/L | 0.0847 | 0.00204 | mg/L | 2.41% |
| e 313.107 | | -300.8 | 0.0015 | 0.00003 | mg/L | 0.0015 | 0.00003 | mg/L | 1.87% |
| d 214.438 | < | -27.3 | 0.0052 | 0.00008 | mg/L | 0.0052 | 0.00008 | mg/L | 1.58% |
| o 228.616 | | 72.1 | 0.0402 | 0.00146 | mg/L | 0.0402 | 0.00146 | mg/L | 3.64% |
| r 267.716 | 3.1 | 811.8 | 0.0689 | 0.00133 | mg/L | 0.0689 | 0.00133 | mg/L | 1.94% |
| u 324.754 | | 917.6 | 0.0342 | 0.00361 | mg/L | 0.0342 | 0.00361 | mg/L | 10.54% |
| e 238.204 | | 362975.6 | 82.18 | 0.531 | mg/L | 82.18 | 0.531 | mg/L | 0.65% |
| n 257.610 | | 104020.3 | 3.172 | 0.0389 | mg/L | 3.172 | 0.0389 | mg/L | 1.23% |
| o 202.030 | | 26.4 | 0.0167 | 0.00024 | mg/L | 0.0167 | 0.00024 | mg/L | 1.45% |
| i 231.604 | | 234.0 | 0.0475 | 0.00099 | mg/L | 0.0475 | 0.00099 | mg/L | 2.09% |
| o 220.353 | < | 15.0 | 0.0556 | 0.00645 | mg/L | 0.0556 | 0.00645 | mg/L | 11.61% |
| o 206.833 | | 16.1 | 0.0495 | 0.00122 | mg/L | 0.0495 | 0.00122 | mg/L | 2.45% |
| e 196.026 | | -9.6 | -0.0092 | 0.00313 | mg/L | -0.0092 | 0.00313 | mg/L | 34.12% |
| r 407.771 | | 171927.7 | 0.2670 | 0.00120 | mg/L | 0.2670 | 0.00120 | mg/L | 0.45% |
| i 334.941 | | 83141.9 | 1.768 | 0.0242 | mg/L | 1.768 | 0.0242 | mg/L | 1.37% |
| l 190.800 | | -4.3 | -0.0199 | 0.00818 | mg/L | -0.0199 | 0.00818 | mg/L | 41.11% |
| 292.402 | | 1207.7 | 0.0941 | 0.00391 | mg/L | 0.0941 | 0.00391 | mg/L | 4.15% |
| n 213.856 | | 2480.9 | 0.1437 | 0.00230 | mg/L | 0.1437 | 0.00230 | mg/L | 1.60% |
| g 279.079 | | 292293.3 | 313 | 2.1 | mg/L | 313 | 2.1 | mg/L | 0.66% |
| a 317.933 | | 6161757.0 | 652 | 3.8 | mg/L | 652 | 3.8 | mg/L | 0.58% |
| n 189.933 | | 11.9 | -0.0080 | 0.00602 | mg/L | -0.0080 | 0.00602 | mg/L | 75.41% |
| i 251.611 | | 43177.0 | 19.2 | 0.24 | mg/L | 19.2 | 0.24 | mg/L | 1.27% |
| g 328.068 | | -269.2 | -0.0081 | 0.00174 | mg/L | -0.0081 | 0.00174 | mg/L | 21.61% |

ean Data ----------

D: 571009 2.08 Seq. No.: 75 Sample No.: 60 A/S Pos: 78
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 11:33:54 PM

| lement | | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|---|
| l 396.152 | | 42315.5 | 37.9 | 0.33 | mg/L | 37.9 | 0.33 | mg/L | 0.88% |
| s 188.979 | | 14.2 | 0.0641 | 0.01471 | mg/L | 0.0641 | 0.01471 | mg/L | 22.94% |
| 208.959 | | 166.9 | 0.1337 | 0.00198 | mg/L | 0.1337 | 0.00198 | mg/L | 1.48% |
| a 233.527 | 14 | 1493.3 | 0.2913 | 0.00239 | mg/L | 0.2913 | 0.00239 | mg/L | 0.82% |
| e 313.107 | | 336.3 | 0.0035 | 0.00008 | mg/L | 0.0035 | 0.00008 | mg/L | 2.42% |
| d 214.438 | < | 3.4 | 0.0022 | 0.00023 | mg/L | 0.0022 | 0.00023 | mg/L | 10.63% |
| o 228.616 | | 105.6 | 0.0575 | 0.00279 | mg/L | 0.0575 | 0.00279 | mg/L | 4.86% |
| r 267.716 | 5.5 | 1070.5 | 0.1140 | 0.00091 | mg/L | 0.1140 | 0.00091 | mg/L | 0.80% |
| u 324.754 | | 2632.0 | 0.1493 | 0.00064 | mg/L | 0.1493 | 0.00064 | mg/L | 0.43% |
| e 238.204 | | 714660.0 | 161.8 | 0.28 | mg/L | 161.8 | 0.28 | mg/L | 0.17% |
| n 257.610 | | 161056.8 | 4.914 | 0.0387 | mg/L | 4.914 | 0.0387 | mg/L | 0.79% |
| o 202.030 | | 36.2 | 0.0236 | 0.00073 | mg/L | 0.0236 | 0.00073 | mg/L | 3.08% |
| i 231.604 | | 465.4 | 0.0993 | 0.00243 | mg/L | 0.0993 | 0.00243 | mg/L | 2.45% |
| o 220.353 | 12 | 154.6 | 0.2435 | 0.00018 | mg/L | 0.2435 | 0.00018 | mg/L | 0.07% |
| o 206.833 | | 11.7 | 0.0598 | 0.01673 | mg/L | 0.0598 | 0.01673 | mg/L | 27.96% |
| e 196.026 | | -6.9 | 0.0024 | 0.00946 | mg/L | 0.0024 | 0.00946 | mg/L | 398.18% |
| r 407.771 | | 289681.5 | 0.4563 | 0.00019 | mg/L | 0.4563 | 0.00019 | mg/L | 0.04% |
| i 334.941 | | 98410.3 | 2.092 | 0.0195 | mg/L | 2.092 | 0.0195 | mg/L | 0.93% |
| l 190.800 | | -13.9 | -0.133 | 0.0571 | mg/L | -0.133 | 0.0571 | mg/L | 42.88% |
| 292.402 | | 1888.9 | 0.1403 | 0.00013 | mg/L | 0.1403 | 0.00013 | mg/L | 0.09% |
| n 213.856 | | 6029.9 | 0.4805 | 0.00549 | mg/L | 0.4805 | 0.00549 | mg/L | 1.14% |
| g 279.079 | | 277515.0 | 298 | 0.7 | mg/L | 298 | 0.7 | mg/L | 0.23% |
| a 317.933 | | 7533966.7 | 797 | 1.2 | mg/L | 797 | 1.2 | mg/L | 0.15% |
| n 189.933 | | 20.6 | 0.0077 | 0.00764 | mg/L | 0.0077 | 0.00764 | mg/L | 99.31% |
| i 251.611 | | 51241.2 | 22.8 | 0.27 | mg/L | 22.8 | 0.27 | mg/L | 1.17% |
| g 328.068 | | -348.1 | -0.0133 | 0.00161 | mg/L | -0.0133 | 0.00161 | mg/L | 12.10% |

ean Data ----------

D: 571560 2.09 Seq. No.: 76 Sample No.: 61 A/S Pos: 79
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 11:40:16 PM

| lement | | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|---|
| l 396.152 | | 245080.4 | 221 | 1.8 | mg/L | 221 | 1.8 | mg/L | 0.81% |
| s 188.979 | | 20.3 | 0.0921 | 0.03363 | mg/L | 0.0921 | 0.03363 | mg/L | 36.51% |
| 208.959 | | 416.5 | 0.3224 | 0.00670 | mg/L | 0.3224 | 0.00670 | mg/L | 2.08% |
| a 233.527 | 150 | 17344.4 | 3.098 | 0.0258 | mg/L | 3.098 | 0.0258 | mg/L | 0.83% |
| e 313.107 | | 10111.0 | 0.0335 | 0.00022 | mg/L | 0.0335 | 0.00022 | mg/L | 0.67% |
| d 214.438 | 2.8 | 575.0 | 0.0584 | 0.00050 | mg/L | 0.0584 | 0.00050 | mg/L | 0.85% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| o 228.616 | 158.8 | 0.0749 | 0.00230 mg/L | 0.0749 | 0.00230 mg/L | 3.06% |
| r 267.716 16 | 3114.0 | 0.3448 | 0.00327 mg/L | 0.3448 | 0.00327 mg/L | 0.95% |
| u 324.754 | 39874.6 | 2.780 | 0.0312 mg/L | 2.780 | 0.0312 mg/L | 1.12% |
| e 238.204 | 2361816.0 | 534.9 | 3.53 mg/L | 534.9 | 3.53 mg/L | 0.66% |
| n 257.610 | 701883.1 | 21.43 | 0.154 mg/L | 21.43 | 0.154 mg/L | 0.72% |
| o 202.030 | 45.6 | 0.0302 | 0.00131 mg/L | 0.0302 | 0.00131 mg/L | 4.34% |
| i 231.604 | 994.7 | 0.2179 | 0.00040 mg/L | 0.2179 | 0.00040 mg/L | 0.18% |
| b 220.353 120 | 1776.5 | 2.479 | 0.0135 mg/L | 2.479 | 0.0135 mg/L | 0.55% |
| b 206.833 | -11.3 | 0.0942 | 0.00834 mg/L | 0.0942 | 0.00834 mg/L | 8.85% |
| e 196.026 | 20.6 | 0.121 | 0.0335 mg/L | 0.121 | 0.0335 mg/L | 27.74% |
| r 407.771 | 1187194.8 | 1.927 | 0.0142 mg/L | 1.927 | 0.0142 mg/L | 0.74% |
| i 334.941 | 284456.7 | 6.040 | 0.0539 mg/L | 6.040 | 0.0539 mg/L | 0.89% |
| l 190.800 | -12.1 | -0.144 | 0.0082 mg/L | -0.144 | 0.0082 mg/L | 5.74% |
| 292.402 | 4232.3 | 0.2820 | 0.00264 mg/L | 0.2820 | 0.00264 mg/L | 0.94% |
| n 213.856 | 81449.0 | 8.067 | 0.0819 mg/L | 8.067 | 0.0819 mg/L | 1.02% |
| g 279.079 | 196964.4 | 211 | 1.6 mg/L | 211 | 1.6 mg/L | 0.76% |
| a 317.933 | 10262870.3 | 1090 | 13.6 mg/L | 1090 | 13.6 mg/L | 1.25% |
| n 189.933 | 74.3 | 0.105 | 0.0094 mg/L | 0.105 | 0.0094 mg/L | 8.91% |
| i 251.611 | 596143.2 | 266 | 2.9 mg/L | 266 | 2.9 mg/L | 1.10% |
| g 328.068 | -513.5 | -0.0243 | 0.00246 mg/L | -0.0243 | 0.00246 mg/L | 10.09% |

ean Data ----------

D: 571561 2.10 Seq. No.: 77 Sample No.: 62 A/S Pos: 80
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 11:49:46 PM

| lement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Units | Mean Conc. | Sample Std.Dev. | Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 208620.2 | 188 | 2.1 | mg/L | 188 | 2.1 | mg/L | 1.11% |
| s 188.979 | 20.6 | 0.104 | 0.0005 | mg/L | 0.104 | 0.0005 | mg/L | 0.52% |
| 208.959 | 421.5 | 0.3459 | 0.00349 | mg/L | 0.3459 | 0.00349 | mg/L | 1.01% |
| a 233.527 136 | 15146.9 | 2.708 | 0.0305 | mg/L | 2.708 | 0.0305 | mg/L | 1.13% |
| e 313.107 | 9435.9 | 0.0314 | 0.00024 | mg/L | 0.0314 | 0.00024 | mg/L | 0.77% |
| d 214.438 2.3 | 480.5 | 0.0492 | 0.00114 | mg/L | 0.0492 | 0.00114 | mg/L | 2.31% |
| o 228.616 | 160.7 | 0.0713 | 0.00065 | mg/L | 0.0713 | 0.00065 | mg/L | 0.92% |
| r 267.716 20 | 4059.2 | 0.4149 | 0.00390 | mg/L | 0.4149 | 0.00390 | mg/L | 0.94% |
| u 324.754 | 214007.2 | 15.26 | 0.168 | mg/L | 15.26 | 0.168 | mg/L | 1.10% |
| e 238.204 | 2089351.2 | 473.2 | 4.50 | mg/L | 473.2 | 4.50 | mg/L | 0.95% |
| n 257.610 | 615560.2 | 18.80 | 0.193 | mg/L | 18.80 | 0.193 | mg/L | 1.03% |
| o 202.030 | 55.2 | 0.0370 | 0.00030 | mg/L | 0.0370 | 0.00030 | mg/L | 0.81% |
| i 231.604 | 1190.5 | 0.2618 | 0.00155 | mg/L | 0.2618 | 0.00155 | mg/L | 0.59% |
| o 220.353 160 | 2499.9 | 3.444 | 0.0075 | mg/L | 3.444 | 0.0075 | mg/L | 0.22% |
| o 206.833 | -10.5 | 0.0719 | 0.01467 | mg/L | 0.0719 | 0.01467 | mg/L | 20.41% |
| e 196.026 | 12.6 | 0.0864 | 0.06356 | mg/L | 0.0864 | 0.06356 | mg/L | 73.53% |
| r 407.771 | 949348.8 | 1.537 | 0.0157 | mg/L | 1.537 | 0.0157 | mg/L | 1.02% |
| i 33[illegible]941 | 415048.6 | 8.812 | 0.1037 | mg/L | 8.812 | 0.1037 | mg/L | 1.18% |
| l 19[illegible]00 | -17.1 | -0.185 | 0.0231 | mg/L | -0.185 | 0.0231 | mg/L | 12.48% |
| 292.402 | 4000.2 | 0.2723 | 0.00331 | mg/L | 0.2723 | 0.00331 | mg/L | 1.22% |
| n 213.856 | 94063.8 | 9.340 | 0.0923 | mg/L | 9.340 | 0.0923 | mg/L | 0.99% |
| g 279.079 | 162457.6 | 174 | 1.8 | mg/L | 174 | 1.8 | mg/L | 1.03% |
| a 317.933 | 9444253.7 | 1000 | 13.1 | mg/L | 1000 | 13.1 | mg/L | 1.31% |
| n 189.933 | 94.6 | 0.142 | 0.0010 | mg/L | 0.142 | 0.0010 | mg/L | 0.70% |
| i 251.611 | 649696.5 | 290 | 3.8 | mg/L | 290 | 3.8 | mg/L | 1.30% |
| g 328.068 | -458.1 | -0.0206 | 0.00230 | mg/L | -0.0206 | 0.00230 | mg/L | 11.15% |

ean Data ----------

D: 570934 2.21 Seq. No.: 78 Sample No.: 63 A/S Pos: 81
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/26/00 11:56:19 PM

| lement | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Units | Mean Conc. | Sample Std.Dev. | Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 499732.8 | 451 | 6.1 | mg/L | 451 | 6.1 | mg/L | 1.35% |
| s 188.979 | 32.9 | 0.112 | 0.0114 | mg/L | 0.112 | 0.0114 | mg/L | 10.14% |
| 208.959 | 1005.6 | 1.033 | 0.0003 | mg/L | 1.033 | 0.0003 | mg/L | 0.03% |
| a 233.527 330 | 40934.0 | 7.214 | 0.0801 | mg/L | 7.214 | 0.0801 | mg/L | 1.11% |
| e 313.107 | 21683.0 | 0.0689 | 0.00089 | mg/L | 0.0689 | 0.00089 | mg/L | 1.29% |
| d 214.438 1.7 | 325.4 | 0.0373 | 0.00029 | mg/L | 0.0373 | 0.00029 | mg/L | 0.77% |
| o 228.616 | 206.7 | 0.0810 | 0.00176 | mg/L | 0.0810 | 0.00176 | mg/L | 2.17% |
| r 267.716 45 | 10169.5 | 1.003 | 0.0107 | mg/L | 1.003 | 0.0107 | mg/L | 1.07% |
| u 324.754 | 122355.3 | 8.692 | 0.0992 | mg/L | 8.692 | 0.0992 | mg/L | 1.14% |
| e 238.204 | 2106031.7 | 477.0 | 5.38 | mg/L | 477.0 | 5.38 | mg/L | 1.13% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mn 257.610 | 1662033.1 | 50.75 | 0.611 mg/L | 50.75 | 0.611 mg/L | 1.20% |
| Mo 202.030 | 66.0 | 0.0446 | 0.00190 mg/L | 0.0446 | 0.00190 mg/L | 4.26% |
| Ni 231.604 | 1524.3 | 0.3365 | 0.00026 mg/L | 0.3365 | 0.00026 mg/L | 0.08% |
| Pb 220.353 240 | 3898.5 | 5.389 | 0.0491 mg/L | 5.389 | 0.0491 mg/L | 0.91% |
| Sb 206.833 | 2.9 | 0.175 | 0.0334 mg/L | 0.175 | 0.0334 mg/L | 19.07% |
| Se 196.026 | -4.0 | 0.0149 | 0.01642 mg/L | 0.0149 | 0.01642 mg/L | 110.38% |
| Sr 407.771 | 2076974.5 | 3.360 | 0.0407 mg/L | 3.360 | 0.0407 mg/L | 1.21% |
| Ti 334.941 | 808493.4 | 17.16 | 0.237 mg/L | 17.16 | 0.237 mg/L | 1.38% |
| Tl 190.800 | -4.4 | -0.213 | 0.0678 mg/L | -0.213 | 0.0678 mg/L | 31.81% |
| V 292.402 | 5298.5 | 0.3863 | 0.00246 mg/L | 0.3863 | 0.00246 mg/L | 0.64% |
| Zn 213.856 | 44920.1 | 4.208 | 0.0466 mg/L | 4.208 | 0.0466 mg/L | 1.11% |
| Mg 279.079 | 365956.5 | 393 | 4.8 mg/L | 393 | 4.8 mg/L | 1.22% |
| Ca 317.933 | 21783695.6 | 2310 | 30.7 mg/L | 2310 | 30.7 mg/L | 1.33% |
| Sn 189.933 | 435.7 | 0.760 | 0.0232 mg/L | 0.760 | 0.0232 mg/L | 3.05% |
| Si 251.611 | 195230.6 | 87.0 | 1.19 mg/L | 87.0 | 1.19 mg/L | 1.37% |
| Ag 328.068 | -585.7 | -0.0292 | 0.00050 mg/L | -0.0292 | 0.00050 mg/L | 1.72% |

Mean Data ----------

ID: 571010 2.23 Seq. No.: 79 Sample No.: 64 A/S Pos: 82
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/27/00 12:02:43 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 33911.8 | 30.3 | 0.35 | mg/L | 30.3 | 0.35 | mg/L | 1.15% |
| As 188.979 X | 8.7 | 0.0194 | 0.02912 | mg/L | 0.0194 | 0.02912 | mg/L | 150.30% |
| B 208.959 | 127.8 | 0.1075 | 0.00241 | mg/L | 0.1075 | 0.00241 | mg/L | 2.24% |
| Ba 233.527 3.6 | 328.7 | 0.0813 | 0.00135 | mg/L | 0.0813 | 0.00135 | mg/L | 1.66% |
| Be 313.107 | -112.7 | 0.0021 | 0.00001 | mg/L | 0.0021 | 0.00001 | mg/L | 0.54% |
| Cd 214.438 < | -15.9 | 0.0065 | 0.00073 | mg/L | 0.0065 | 0.00073 | mg/L | 11.20% |
| Co 228.616 | 102.0 | 0.0556 | 0.00191 | mg/L | 0.0556 | 0.00191 | mg/L | 3.43% |
| Cr 267.716 3.1 | 803.9 | 0.0690 | 0.00358 | mg/L | 0.0690 | 0.00358 | mg/L | 5.19% |
| Cu 324.754 | 902.9 | 0.0323 | 0.00129 | mg/L | 0.0323 | 0.00129 | mg/L | 4.01% |
| Fe 238.204 | 404846.4 | 91.66 | 1.499 | mg/L | 91.66 | 1.499 | mg/L | 1.64% |
| Mn 257.610 | 131117.1 | 3.998 | 0.0334 | mg/L | 3.998 | 0.0334 | mg/L | 0.84% |
| Mo 202.030 | 8.1 | 0.0039 | 0.00321 | mg/L | 0.0039 | 0.00321 | mg/L | 82.79% |
| Ni 231.604 | 361.7 | 0.0761 | 0.00461 | mg/L | 0.0761 | 0.00461 | mg/L | 6.06% |
| Pb 220.353 < | 20.0 | 0.0624 | 0.00449 | mg/L | 0.0624 | 0.00449 | mg/L | 7.20% |
| Sb 206.833 | 16.8 | 0.0573 | 0.02070 | mg/L | 0.0573 | 0.02070 | mg/L | 36.10% |
| Se 196.026 | -8.6 | -0.0049 | 0.02525 | mg/L | -0.0049 | 0.02525 | mg/L | 514.79% |
| Sr 407.771 | 195888.8 | 0.3025 | 0.00481 | mg/L | 0.3025 | 0.00481 | mg/L | 1.59% |
| Ti 334.941 | 103068.7 | 2.191 | 0.0158 | mg/L | 2.191 | 0.0158 | mg/L | 0.72% |
| Tl 190.800 | -8.4 | -0.0772 | 0.05803 | mg/L | -0.0772 | 0.05803 | mg/L | 75.20% |
| V 292.402 | 1592.5 | 0.1264 | 0.00242 | mg/L | 0.1264 | 0.00242 | mg/L | 1.92% |
| Zn 213.856 | 3232.3 | 0.1992 | 0.00098 | mg/L | 0.1992 | 0.00098 | mg/L | 0.49% |
| Mg 279.079 | 400407.5 | 429 | 7.7 | mg/L | 429 | 7.7 | mg/L | 1.79% |
| Ca 317.933 | 7503790.8 | 794 | 12.7 | mg/L | 794 | 12.7 | mg/L | 1.60% |
| Sn 189.933 | 6.8 | -0.0173 | 0.00692 | mg/L | -0.0173 | 0.00692 | mg/L | 39.94% |
| Si 251.611 | 67616.0 | 30.1 | 0.35 | mg/L | 30.1 | 0.35 | mg/L | 1.17% |
| Ag 328.068 | -318.3 | -0.0113 | 0.00162 | mg/L | -0.0113 | 0.00162 | mg/L | 14.32% |

Mean Data ----------

ID: xxx Seq. No.: 80 Sample No.: 65 A/S Pos: 83
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/27/00 12:09:03 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | -61.8 | -0.0024 | 0.01008 | mg/L | -0.0024 | 0.01008 | mg/L | 417.01% |
| As 188.979 | -3.2 | -0.0173 | 0.01289 | mg/L | -0.0173 | 0.01289 | mg/L | 74.40% |
| B 208.959 | 18.9 | 0.0050 | 0.00254 | mg/L | 0.0050 | 0.00254 | mg/L | 50.41% |
| Ba 233.527 | -78.3 | 0.0014 | 0.00025 | mg/L | 0.0014 | 0.00025 | mg/L | 17.55% |
| Be 313.107 | -757.4 | 0.0001 | 0.00005 | mg/L | 0.0001 | 0.00005 | mg/L | 36.56% |
| Cd 214.438 | -65.4 | 0.0008 | 0.00078 | mg/L | 0.0008 | 0.00078 | mg/L | 99.72% |
| Co 228.616 | -2.2 | 0.0016 | 0.00224 | mg/L | 0.0016 | 0.00224 | mg/L | 143.92% |
| Cr 267.716 | 34.7 | -0.0009 | 0.00171 | mg/L | -0.0009 | 0.00171 | mg/L | 183.62% |
| Cu 324.754 | 431.6 | 0.0073 | 0.00115 | mg/L | 0.0073 | 0.00115 | mg/L | 15.62% |
| Fe 238.204 | 149.1 | 0.0104 | 0.00221 | mg/L | 0.0104 | 0.00221 | mg/L | 21.25% |
| Mn 257.610 | 32.7 | 0.0007 | 0.00024 | mg/L | 0.0007 | 0.00024 | mg/L | 33.89% |
| Mo 202.030 | 0.6 | -0.0014 | 0.00206 | mg/L | -0.0014 | 0.00206 | mg/L | 147.54% |
| Ni 231.604 | 65.9 | 0.0098 | 0.00064 | mg/L | 0.0098 | 0.00064 | mg/L | 6.53% |
| Pb 220.353 | -25.1 | 0.0016 | 0.00038 | mg/L | 0.0016 | 0.00038 | mg/L | 23.90% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| b 206.833 | 12.8 | -0.0059 | 0.00959 mg/L | -0.0059 | 0.00959 mg/L | 162.62% |
| e 196.026 | -15.1 | -0.0327 | 0.00122 mg/L | -0.0327 | 0.00122 mg/L | 3.73% |
| r 407.771 | -30.0 | 0.0000 | 0.00001 mg/L | 0.0000 | 0.00001 mg/L | 16.12% |
| i 334.941 | 95.7 | 0.0052 | 0.00094 mg/L | 0.0052 | 0.00094 mg/L | 17.96% |
| l 190.800 | -10.7 | -0.0102 | 0.02527 mg/L | -0.0102 | 0.02527 mg/L | 248.01% |
| 292.402 | -10.6 | 0.0009 | 0.00087 mg/L | 0.0009 | 0.00087 mg/L | 97.28% |
| n 213.856 | 170.3 | 0.0011 | 0.00021 mg/L | 0.0011 | 0.00021 mg/L | 17.94% |
| g 279.079 | -21.0 | 0.0103 | 0.00326 mg/L | 0.0103 | 0.00326 mg/L | 31.69% |
| a 317.933 | 594.6 | 0.0479 | 0.00447 mg/L | 0.0479 | 0.00447 mg/L | 9.32% |
| n 189.933 | 11.7 | -0.0083 | 0.00017 mg/L | -0.0083 | 0.00017 mg/L | 2.09% |
| i 251.611 | 568.0 | 0.164 | 0.0209 mg/L | 0.164 | 0.0209 mg/L | 12.75% |
| g 328.068 | -135.9 | 0.0008 | 0.00013 mg/L | 0.0008 | 0.00013 mg/L | 15.52% |

ean Data ----------

D: rlvs Seq. No.: 81 Sample No.: 66 A/S Pos: 9
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/27/00 12:15:18 AM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | 55.5 | 0.104 | 0.0069 | mg/L | 0.104 | 0.0069 | mg/L | 6.70% |
| s 188.979 | 11.2 | 0.0832 | 0.00359 | mg/L | 0.0832 | 0.00359 | mg/L | 4.31% |
| 208.959 | 59.9 | 0.0534 | 0.00134 | mg/L | 0.0534 | 0.00134 | mg/L | 2.51% |
| a 233.527 | 484.7 | 0.0997 | 0.00116 | mg/L | 0.0997 | 0.00116 | mg/L | 1.16% |
| e 313.107 | 15383.2 | 0.0496 | 0.00031 | mg/L | 0.0496 | 0.00031 | mg/L | 0.62% |
| d 214.438 | 352.1 | 0.0491 | 0.00057 | mg/L | 0.0491 | 0.00057 | mg/L | 1.17% |
| o 228.616 | 90.7 | 0.0498 | 0.00090 | mg/L | 0.0498 | 0.00090 | mg/L | 1.80% |
| r 267.716 | 1071.3 | 0.1017 | 0.00011 | mg/L | 0.1017 | 0.00011 | mg/L | 0.11% |
| u 324.754 | 988.9 | 0.0473 | 0.00225 | mg/L | 0.0473 | 0.00225 | mg/L | 4.77% |
| e 238.204 | 569.0 | 0.1055 | 0.00075 | mg/L | 0.1055 | 0.00075 | mg/L | 0.71% |
| n 257.610 | 1656.5 | 0.0503 | 0.00042 | mg/L | 0.0503 | 0.00042 | mg/L | 0.83% |
| o 202.030 | 75.5 | 0.0513 | 0.00137 | mg/L | 0.0513 | 0.00137 | mg/L | 2.66% |
| i 231.604 | 232.8 | 0.0472 | 0.00163 | mg/L | 0.0472 | 0.00163 | mg/L | 3.46% |
| b 220.353 | 52.5 | 0.1060 | 0.00036 | mg/L | 0.1060 | 0.00036 | mg/L | 0.34% |
| b 206.833 | 98.7 | 0.483 | 0.0041 | mg/L | 0.483 | 0.0041 | mg/L | 0.84% |
| e 196.026 | 10.3 | 0.0765 | 0.00765 | mg/L | 0.0765 | 0.00765 | mg/L | 10.00% |
| r 407.771 | 30022.1 | 0.0497 | 0.00026 | mg/L | 0.0497 | 0.00026 | mg/L | 0.52% |
| i 334.941 | 2348.3 | 0.0530 | 0.00064 | mg/L | 0.0530 | 0.00064 | mg/L | 1.21% |
| l 190.800 | 10.4 | 0.200 | 0.0044 | mg/L | 0.200 | 0.0044 | mg/L | 2.17% |
| 292.402 | 549.2 | 0.0503 | 0.00034 | mg/L | 0.0503 | 0.00034 | mg/L | 0.67% |
| n 213.856 | 1144.2 | 0.0999 | 0.00002 | mg/L | 0.0999 | 0.00002 | mg/L | 0.02% |
| g 279.079 | 946.5 | 1.05 | 0.013 | mg/L | 1.05 | 0.013 | mg/L | 1.23% |
| a 317.933 | 10078.7 | 1.05 | 0.006 | mg/L | 1.05 | 0.006 | mg/L | 0.60% |
| n 189.933 | 546.4 | 0.961 | 0.0018 | mg/L | 0.961 | 0.0018 | mg/L | 0.19% |
| i 251.611 | 596.2 | 0.176 | 0.0075 | mg/L | 0.176 | 0.0075 | mg/L | 4.25% |
| g 328.068 | 647.6 | 0.0530 | 0.00172 | mg/L | 0.0530 | 0.00172 | mg/L | 3.25% |

ean Data ----------

D: r blk Seq. No.: 82 Sample No.: 67 A/S Pos: 4
ample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/27/00 12:21:32 AM

| lement | Mean Corr. Intensity | Mean Conc. | Std.Dev. | Calib Units | Mean Conc. | Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| l 396.152 | -70.8 | -0.0106 | 0.01051 | mg/L | -0.0106 | 0.01051 | mg/L | 99.60% |
| s 188.979 | -3.3 | -0.0183 | 0.02205 | mg/L | -0.0183 | 0.02205 | mg/L | 120.29% |
| 208.959 | 20.4 | 0.0069 | 0.00114 | mg/L | 0.0069 | 0.00114 | mg/L | 16.61% |
| a 233.527 | -80.9 | 0.0010 | 0.00096 | mg/L | 0.0010 | 0.00096 | mg/L | 98.25% |
| e 313.107 | -760.1 | 0.0001 | 0.00002 | mg/L | 0.0001 | 0.00002 | mg/L | 16.66% |
| d 214.438 | -66.2 | 0.0007 | 0.00045 | mg/L | 0.0007 | 0.00045 | mg/L | 65.31% |
| o 228.616 | -8.9 | -0.0019 | 0.00079 | mg/L | -0.0019 | 0.00079 | mg/L | 41.11% |
| r 267.716 | 25.7 | -0.0018 | 0.00038 | mg/L | -0.0018 | 0.00038 | mg/L | 21.08% |
| u 324.754 | 302.3 | -0.0019 | 0.00051 | mg/L | -0.0019 | 0.00051 | mg/L | 26.72% |
| e 238.204 | 108.1 | 0.0011 | 0.00116 | mg/L | 0.0011 | 0.00116 | mg/L | 102.78% |
| n 257.610 | 0.4 | -0.0003 | 0.00030 | mg/L | -0.0003 | 0.00030 | mg/L | 110.41% |
| o 202.030 | 5.0 | 0.0017 | 0.00064 | mg/L | 0.0017 | 0.00064 | mg/L | 38.35% |
| i 231.604 | 11.8 | -0.0023 | 0.00122 | mg/L | -0.0023 | 0.00122 | mg/L | 52.91% |
| b 220.353 | -18.7 | 0.0102 | 0.00189 | mg/L | 0.0102 | 0.00189 | mg/L | 18.52% |
| b 206.833 | 10.3 | -0.0205 | 0.00614 | mg/L | -0.0205 | 0.00614 | mg/L | 29.94% |
| e 196.026 | -13.2 | -0.0245 | 0.00542 | mg/L | -0.0245 | 0.00542 | mg/L | 22.15% |
| r 407.771 | -59.7 | 0.0000 | 0.00003 | mg/L | 0.0000 | 0.00003 | mg/L | 261.22% |
| i 334.941 | -85.4 | 0.0014 | 0.00044 | mg/L | 0.0014 | 0.00044 | mg/L | 32.06% |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Tl 190.800 | -11.2 | -0.0147 | 0.04974 mg/L | -0.0147 | 0.04974 mg/L | 337.33% |
| V 292.402 | -4.7 | 0.0014 | 0.00076 mg/L | 0.0014 | 0.00076 mg/L | 53.68% |
| Zn 213.856 | 153.3 | -0.0006 | 0.00024 mg/L | -0.0006 | 0.00024 mg/L | 41.18% |
| Mg 279.079 | -29.6 | 0.0012 | 0.00396 mg/L | 0.0012 | 0.00396 mg/L | 331.92% |
| Ca 317.933 | 179.3 | 0.0039 | 0.00067 mg/L | 0.0039 | 0.00067 mg/L | 16.85% |
| Sn 189.933 | 18.9 | 0.0046 | 0.00985 mg/L | 0.0046 | 0.00985 mg/L | 216.07% |
| Si 251.611 | 335.8 | 0.0599 | 0.00049 mg/L | 0.0599 | 0.00049 mg/L | 0.81% |
| Ag 328.068 | -124.9 | 0.0016 | 0.00048 mg/L | 0.0016 | 0.00048 mg/L | 30.70% |

Mean Data ----------

ID: ics 1 Seq. No.: 83 Sample No.: 3 A/S Pos: 11
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/27/00 12:27:59 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 261814.1 | 237 | 3.3 | mg/L | | | | 1.39% |
| As 188.979 | -2.5 | -0.0396 | 0.00755 | mg/L | | | | 19.06% |
| B 208.959 | 19.1 | -0.0212 | 0.00527 | mg/L | | | | 24.88% |
| Ba 233.527 | -150.2 | -0.0021 | 0.00048 | mg/L | | | | 23.23% |
| Be 313.107 | -784.0 | 0.0001 | 0.00007 | mg/L | | | | 121.47% |
| Cd 214.438 | -77.7 | 0.0049 | 0.00018 | mg/L | | | | 3.56% |
| Co 228.616 | 3.9 | 0.0048 | 0.00110 | mg/L | | | | 23.15% |
| Cr 267.716 | 65.1 | 0.0092 | 0.00330 | mg/L | | | | 35.76% |
| Cu 324.754 | 428.3 | -0.0019 | 0.00009 | mg/L | | | | 4.90% |
| Fe 238.204 | 413455.3 | 93.62 | 1.203 | mg/L | | | | 1.28% |
| Mn 257.610 | 90.6 | -0.0010 | 0.00013 | mg/L | | | | 12.93% |
| Mo 202.030 | -4.0 | -0.0046 | 0.00312 | mg/L | | | | 67.57% |
| Ni 231.604 | 28.0 | 0.0013 | 0.00108 | mg/L | | | | 82.26% |
| Pb 220.353 | -49.7 | 0.0245 | 0.00122 | mg/L | | | | 4.98% |
| Sb 206.833 | 11.4 | 0.0275 | 0.00806 | mg/L | | | | 29.26% |
| Se 196.026 | -12.6 | -0.0218 | 0.04534 | mg/L | | | | 207.71% |
| Sr 407.771 | 5259.3 | -0.0009 | 0.00005 | mg/L | | | | 5.67% |
| Ti 334.941 | -258.1 | -0.0023 | 0.00072 | mg/L | | | | 31.27% |
| Tl 190.800 | -16.1 | -0.0503 | 0.02800 | mg/L | | | | 55.65% |
| V 292.402 | 185.7 | 0.0018 | 0.00342 | mg/L | | | | 184.91% |
| Zn 213.856 | 548.7 | -0.0044 | 0.00045 | mg/L | | | | 10.35% |
| Mg 279.079 | 233952.0 | 251 | 3.3 | mg/L | | | | 1.31% |
| Ca 317.933 | 2310628.0 | 244 | 3.0 | mg/L | | | | 1.22% |
| Sn 189.933 | 15.3 | -0.0019 | 0.00401 | mg/L | | | | 212.03% |
| Si 251.611 | 542.3 | 0.152 | 0.0002 | mg/L | | | | 0.10% |
| Ag 328.068 | -230.9 | -0.0055 | 0.00037 | mg/L | | | | 6.70% |

Mean Data ----------

ID: ics 2 Seq. No.: 84 Sample No.: 4 A/S Pos: 12
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.
Data: Original Date: 3/27/00 12:34:15 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 260908.0 | 236 | 3.2 | mg/L | | | | 1.36% |
| As 188.979 | 70.5 | 0.470 | 0.0281 | mg/L | | | | 5.97% |
| B 208.959 | 442.4 | 0.4613 | 0.00494 | mg/L | | | | 1.07% |
| Ba 233.527 | 2539.8 | 0.4673 | 0.00240 | mg/L | | | | 0.51% |
| Be 313.107 | 156378.8 | 0.4817 | 0.00648 | mg/L | | | | 1.34% |
| Cd 214.438 | 3846.9 | 0.4589 | 0.00312 | mg/L | | | | 0.68% |
| Co 228.616 | 879.2 | 0.459 | 0.0024 | mg/L | | | | 0.53% |
| Cr 267.716 | 4922.8 | 0.4903 | 0.00328 | mg/L | | | | 0.67% |
| Cu 324.754 | 6842.6 | 0.4574 | 0.00027 | mg/L | | | | 0.06% |
| Fe 238.204 | 412973.2 | 93.51 | 1.194 | mg/L | | | | 1.28% |
| Mn 257.610 | 15573.2 | 0.4718 | 0.00175 | mg/L | | | | 0.37% |
| Mo 202.030 | 679.0 | 0.476 | 0.0041 | mg/L | | | | 0.87% |
| Ni 231.604 | 2053.1 | 0.4550 | 0.00204 | mg/L | | | | 0.45% |
| Pb 220.353 | 282.6 | 0.4715 | 0.00711 | mg/L | | | | 1.51% |
| Sb 206.833 | 100.7 | 0.536 | 0.0214 | mg/L | | | | 3.98% |
| Se 196.026 | 105.1 | 0.485 | 0.0005 | mg/L | | | | 0.11% |
| Sr 407.771 | 298243.2 | 0.4835 | 0.00652 | mg/L | | | | 1.35% |
| Ti 334.941 | 23021.1 | 0.4918 | 0.00087 | mg/L | | | | 0.18% |
| Tl 190.800 | 32.1 | 0.431 | 0.0093 | mg/L | | | | 2.15% |
| V 292.402 | 5654.7 | 0.4849 | 0.00149 | mg/L | | | | 0.31% |
| Zn 213.856 | 5166.5 | 0.4641 | 0.00190 | mg/L | | | | 0.41% |
| Mg 279.079 | 233134.5 | 250 | 3.5 | mg/L | | | | 1.38% |

| | | | | | |
|---|---|---|---|---|---|
| Ca 317.933 | 2303012.9 | 243 | 3.1 | mg/L | 1.28% |
| Sn 189.933 | 10209.4 | 18.5 | 0.03 | mg/L | 0.18% |
| Si 251.611 | 1472.2 | 0.567 | 0.0073 | mg/L | 1.29% |
| Ag 328.068 | 7741.8 | 0.526 | 0.0036 | mg/L | 0.69% |

Mean Data ----------

ID: ics 3 Seq. No.: 85 Sample No.: 5 A/S Pos: 13
Sample Qty: 1.0000 g Prep. Vol.: 1.0 L Dilution: 1.0: 1.0
Data: Original Date: 3/27/00 12:40:33 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 688.1 | -0.0322 | 0.02443 | mg/L | | | | 75.76% |
| As 188.979 | 27.8 | -0.0668 | 0.00447 | mg/L | | | | 6.69% |
| B 208.959 | 606.7 | 0.0143 | 0.01115 | mg/L | | | | 78.21% |
| Ba 233.527 | -351.9 | -0.0057 | 0.00145 | mg/L | | | | 25.40% |
| Be 313.107 | -1220.0 | 0.0003 | 0.00025 | mg/L | | | | 77.29% |
| Cd 214.438 | -78.2 | -0.0007 | 0.00010 | mg/L | | | | 14.02% |
| Co 228.616 | -18.7 | 0.0121 | 0.00154 | mg/L | | | | 12.73% |
| Cr 267.716 | 497835.5 | 49.24 | 0.354 | mg/L | | | | 0.72% |
| Cu 324.754 | 524153.0 | 37.50 | 0.248 | mg/L | | | | 0.66% |
| Fe 238.204 | 216.4 | 0.0257 | 0.00014 | mg/L | | | | 0.55% |
| Mn 257.610 | 1605414.8 | 49.03 | 0.319 | mg/L | | | | 0.65% |
| Mo 202.030 | 28208.3 | 19.8 | 0.31 | mg/L | | | | 1.57% |
| Ni 231.604 | 212837.0 | 47.68 | 0.348 | mg/L | | | | 0.73% |
| Pb 220.353 | -41.4 | 0.0028 | 0.00501 | mg/L | | | | 175.93% |
| Sb 206.833 | 177.7 | 0.0074 | 0.03751 | mg/L | | | | 509.08% |
| Se 196.026 | -10.3 | -0.0120 | 0.03462 | mg/L | | | | 289.50% |
| Sr 407.771 | 89.7 | -0.0079 | 0.00001 | mg/L | | | | 0.10% |
| Ti 334.941 | 754.4 | 0.0044 | 0.00001 | mg/L | | | | 0.22% |
| Tl 190.800 | -23.5 | -0.145 | 0.0261 | mg/L | | | | 18.06% |
| V 292.402 | -4545.6 | 0.0545 | 0.00260 | mg/L | | | | 4.77% |
| Zn 213.856 | 2630.1 | 0.0006 | 0.00283 | mg/L | | | | 490.32% |
| Mg 279.079 | -414.8 | -0.0073 | 0.00683 | mg/L | | | | 93.87% |
| Ca 317.933 | 558.8 | 0.0050 | 0.00103 | mg/L | | | | 20.64% |
| Sn 189.933 | 41.1 | 0.0449 | 0.02896 | mg/L | | | | 64.45% |
| Si 251.611 | 881.2 | 0.256 | 0.0083 | mg/L | | | | 3.23% |
| Ag 328.068 | -120.2 | 0.0019 | 0.00241 | mg/L | | | | 129.35% |

Mean Data ----------

ID: ccv Seq. No.: 86 Sample No.: 68 A/S Pos: 7
Sample Qty: 1.0000 mL Prep. Vol.: 1.0 mL Dilution: 1.0: 1.0
Data: Original Date: 3/27/00 12:46:48 AM

| Element | Mean Corr. Intensity | Mean Conc. | Calib Std.Dev. | Calib Units | Mean Conc. | Sample Std.Dev. | Sample Units | RSD |
|---|---|---|---|---|---|---|---|---|
| Al 396.152 | 2096.1 | 1.91 | 0.034 | mg/L | 1.91 | 0.034 | mg/L | 1.80% |
| As 188.979 | 285.3 | 1.98 | 0.010 | mg/L | 1.98 | 0.010 | mg/L | 0.50% |
| B 208.959 | 850.6 | 0.9507 | 0.00114 | mg/L | 0.9507 | 0.00114 | mg/L | 0.12% |
| Ba 233.527 | 11144.7 | 1.960 | 0.0197 | mg/L | 1.960 | 0.0197 | mg/L | 1.00% |
| Be 313.107 | 320143.9 | 0.9836 | 0.00429 | mg/L | 0.9836 | 0.00429 | mg/L | 0.44% |
| Cd 214.438 | 8333.9 | 0.9723 | 0.00498 | mg/L | 0.9723 | 0.00498 | mg/L | 0.51% |
| Co 228.616 | 1895.9 | 0.987 | 0.0088 | mg/L | 0.987 | 0.0088 | mg/L | 0.89% |
| Cr 267.716 | 19865.6 | 1.963 | 0.0164 | mg/L | 1.963 | 0.0164 | mg/L | 0.84% |
| Cu 324.754 | 14110.5 | 0.9869 | 0.00593 | mg/L | 0.9869 | 0.00593 | mg/L | 0.60% |
| Fe 238.204 | 8798.4 | 1.969 | 0.0151 | mg/L | 1.969 | 0.0151 | mg/L | 0.77% |
| Mn 257.610 | 32168.6 | 0.9821 | 0.00759 | mg/L | 0.9821 | 0.00759 | mg/L | 0.77% |
| Mo 202.030 | 1420.1 | 0.997 | 0.0071 | mg/L | 0.997 | 0.0071 | mg/L | 0.71% |
| Ni 231.604 | 4376.7 | 0.9756 | 0.00625 | mg/L | 0.9756 | 0.00625 | mg/L | 0.64% |
| Pb 220.353 | 1429.0 | 1.959 | 0.0183 | mg/L | 1.959 | 0.0183 | mg/L | 0.93% |
| Sb 206.833 | 358.4 | 1.92 | 0.027 | mg/L | 1.92 | 0.027 | mg/L | 1.39% |
| Se 196.026 | 448.1 | 1.96 | 0.027 | mg/L | 1.96 | 0.027 | mg/L | 1.39% |
| Sr 407.771 | 594108.3 | 0.9822 | 0.00353 | mg/L | 0.9822 | 0.00353 | mg/L | 0.36% |
| Ti 334.941 | 45735.4 | 0.9738 | 0.00776 | mg/L | 0.9738 | 0.00776 | mg/L | 0.80% |
| Tl 190.800 | 185.3 | 1.95 | 0.027 | mg/L | 1.95 | 0.027 | mg/L | 1.39% |
| V 292.402 | 11071.4 | 0.9920 | 0.00818 | mg/L | 0.9920 | 0.00818 | mg/L | 0.82% |
| Zn 213.856 | 19424.8 | 1.954 | 0.0123 | mg/L | 1.954 | 0.0123 | mg/L | 0.63% |
| Mg 279.079 | 1874.5 | 2.04 | 0.009 | mg/L | 2.04 | 0.009 | mg/L | 0.44% |
| Ca 317.933 | 19709.4 | 2.07 | 0.013 | mg/L | 2.07 | 0.013 | mg/L | 0.61% |
| Sn 189.933 | 1128.2 | 2.02 | 0.011 | mg/L | 2.02 | 0.011 | mg/L | 0.56% |
| Si 251.611 | 5090.8 | 2.18 | 0.022 | mg/L | 2.18 | 0.022 | mg/L | 1.01% |
| Ag 328.068 | 16317.6 | 1.10 | 0.008 | mg/L | 1.10 | 0.008 | mg/L | 0.77% |