DATA PACKAGE FOR

METALS

PROJECT NAME : CONNECTICUT SUPERFUND SITE

DEWBERRY

600 Parsippany Road
3rd Floor
Parsippany , NJ - 07054-3715
Phone No: 9737399400

CHEMTECH PROJECT N **Z4932**
ATTENTION: **Corey Nachshen**

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CHEMTECH

CASE NARRATIVE

Dewberry
Project Name: Connecticut Superfund Site
Project # N/A
Chemtech Project # Z4932

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 10/10/08.
4 Water samples were received on 10/10/08.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, Mercury, PCB Group1, PESTICIDE Group1, SVOCMS Group1, TAL ICP Metals, TAL Metals, and VOCMS Group1. This data package contains results for Mercury and TAL Metals.

C. Analytical Techniques:
The analysis of Mercury was based on method ILM05.3 and TAL Metals was based on method ILM05.3.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Lab Control Sample met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples except for Barium and Silver.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature___ Mildred V Reyes

Mildred V. Reyes
I am approving this document
2008.11.04 13:49:43 -05'00'

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Cover Page

Order ID : Z4932

Project ID : Connecticut Superfund Site

Customer Name : Dewberry

Lab Sample Number	Customer Sample Number
Z4932-01	TRIPBLANK
Z4932-02	FIELDBLANK
Z4932-03	RINSATEBLANK
Z4932-04	DUP
Z4932-05	SED1
Z4932-06	Z4932-05MS
Z4932-07	Z4932-05MSD
Z4932-08	SED2
Z4932-09	SED3
Z4932-10	SED4
Z4932-11	SED5
Z4932-12	SED6
Z4932-13	SED7
Z4932-14	SED8
Z4932-15	VHBLK
Z4932-16	VHBLK

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : Mildred V Reyes

Mildred V. Reyes
I am approving this document
2008.11.04 13:49:57 -05'00'

NYDOH CERTIFICATION NO.11376

NJDEP CERTIFICATION NO.20012

CHEMTECH

284 Sheffield Street Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	If the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	If the analyte was analyzed for, but not detected.
E	The reported value is estimated because of the presence of interference
M	Duplicate injection precision not met.
N	Spiked sample recovery not within control limits.
S	The reported value was determined by the Method of Standard Addition (MSA).
W	Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while absorbance is less that 50% of spike absorbance.
*	Duplicate analysis not within control limits.
+	Correlation coefficient for the MSA is less than 0.995.
***	Entering "S", "W " or " +" is mutually exclusive. NO combination of these qualifiers can appear in the same field for an analyte.
D	The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"A"** for Flame AA **"PM"** for ICP when Microwave Digestion is used **"AM"** for flame AA when Microwave Digestion is used **"FM"** for furnace AA when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.

CHEMTECH

METALS

DATA

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METALS SAMPLE DATA

METALS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELDBLANK

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): WATER Lab Sample ID: Z4932-02

Level (low/med): LOW Date Received: 10/10/2008

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	60.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	200	U		P
7440-41-7	Beryllium	5.000	U		P
7440-43-9	Cadmium	5.000	U		P
7440-70-2	Calcium	5000	U		P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	50.0	U		P
7440-50-8	Copper	25.0	U		P
7439-89-6	Iron	100	U		P
7439-92-1	Lead	10.0	U		P
7439-95-4	Magnesium	5000	U		P
7439-96-5	Manganese	1.900	J		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	40.0	U		P
7440-09-7	Potassium	5000	U		P
7782-49-2	Selenium	35.0	U		P
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium	5000	U		P
7440-28-0	Thallium	25.0	U		P
7440-62-2	Vanadium	50.0	U		P
7440-66-6	Zinc	14.8	J		P

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts:

Comments:

METALS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RINSATEBLANK

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): WATER Lab Sample ID: Z4932-03

Level (low/med): LOW Date Received: 10/10/2008

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	60.0	U		P
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	200	U		P
7440-41-7	Beryllium	5.000	U		P
7440-43-9	Cadmium	5.000	U		P
7440-70-2	Calcium	5000	U		P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	50.0	U		P
7440-50-8	Copper	25.0	U		P
7439-89-6	Iron	100	U		P
7439-92-1	Lead	10.0	U		P
7439-95-4	Magnesium	5000	U		P
7439-96-5	Manganese	1.450	J		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	40.0	U		P
7440-09-7	Potassium	5000	U		P
7782-49-2	Selenium	35.0	U		P
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium	5000	U		P
7440-28-0	Thallium	25.0	U		P
7440-62-2	Vanadium	50.0	U		P
7440-66-6	Zinc	22.5	J		P

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts:

Comments:

METALS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): SOIL Lab Sample ID: Z4932-04

Level (low/med): LOW Date Received: 10/10/2008

% Solids: 54.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11600			P
7440-36-0	Antimony	10.9	U		P
7440-38-2	Arsenic	1.820	U		P
7440-39-3	Barium	119		N	P
7440-41-7	Beryllium	0.876	J		P
7440-43-9	Cadmium	0.763	J		P
7440-70-2	Calcium	2330			P
7440-47-3	Chromium	15.9			P
7440-48-4	Cobalt	7.800	J		P
7440-50-8	Copper	28.5			P
7439-89-6	Iron	15800			P
7439-92-1	Lead	36.9			P
7439-95-4	Magnesium	3290			P
7439-96-5	Manganese	222			P
7439-97-6	Mercury	0.09	J		CV
7440-02-0	Nickel	11.6			P
7440-09-7	Potassium	1570			P
7782-49-2	Selenium	6.390	U		P
7440-22-4	Silver	1.820	U	N	P
7440-23-5	Sodium	182	J		P
7440-28-0	Thallium	4.560	U		P
7440-62-2	Vanadium	29.9			P
7440-66-6	Zinc	74.0			P

Color Before: Brown Clarity Before: _____ Texture: Medium

Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

METALS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED1

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): SOIL Lab Sample ID: Z4932-05

Level (low/med): LOW Date Received: 10/10/2008

% Solids: 39.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18100			P
7440-36-0	Antimony	15.2	U		P
7440-38-2	Arsenic	2.530	U		P
7440-39-3	Barium	227		N	P
7440-41-7	Beryllium	0.470	J		P
7440-43-9	Cadmium	1.340			P
7440-70-2	Calcium	10700			P
7440-47-3	Chromium	35.1			P
7440-48-4	Cobalt	14.4			P
7440-50-8	Copper	41.6			P
7439-89-6	Iron	34800			P
7439-92-1	Lead	35.6			P
7439-95-4	Magnesium	7920			P
7439-96-5	Manganese	709			P
7439-97-6	Mercury	0.15			CV
7440-02-0	Nickel	21.2			P
7440-09-7	Potassium	5610			P
7782-49-2	Selenium	8.840	U		P
7440-22-4	Silver	2.530	U	N	P
7440-23-5	Sodium	318	J		P
7440-28-0	Thallium	6.310	U		P
7440-62-2	Vanadium	47.2			P
7440-66-6	Zinc	148			P

Color Before: Brown Clarity Before: _____ Texture: Medium

Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

METALS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED2

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): SOIL Lab Sample ID: Z4932-08

Level (low/med): LOW Date Received: 10/10/2008

% Solids: 43.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14500			P
7440-36-0	Antimony	13.9	U		P
7440-38-2	Arsenic	2.440			P
7440-39-3	Barium	178		N	P
7440-41-7	Beryllium	0.580	J		P
7440-43-9	Cadmium	1.490			P
7440-70-2	Calcium	7870			P
7440-47-3	Chromium	26.6			P
7440-48-4	Cobalt	12.3			P
7440-50-8	Copper	35.2			P
7439-89-6	Iron	27300			P
7439-92-1	Lead	61.6			P
7439-95-4	Magnesium	4380			P
7439-96-5	Manganese	1450			P
7439-97-6	Mercury	0.25			CV
7440-02-0	Nickel	15.2			P
7440-09-7	Potassium	2130			P
7782-49-2	Selenium	8.120	U		P
7440-22-4	Silver	2.320	U	N	P
7440-23-5	Sodium	285	J		P
7440-28-0	Thallium	5.800	U		P
7440-62-2	Vanadium	41.5			P
7440-66-6	Zinc	229			P

Color Before: Brown Clarity Before: _____ Texture: Medium

Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

METALS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED3

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): SOIL Lab Sample ID: Z4932-09

Level (low/med): LOW Date Received: 10/10/2008

% Solids: 43.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14400			P
7440-36-0	Antimony	13.8	U		P
7440-38-2	Arsenic	2.300	U		P
7440-39-3	Barium	156		N	P
7440-41-7	Beryllium	1.180			P
7440-43-9	Cadmium	1.090	J		P
7440-70-2	Calcium	2820			P
7440-47-3	Chromium	19.9			P
7440-48-4	Cobalt	9.370	J		P
7440-50-8	Copper	35.7			P
7439-89-6	Iron	18100			P
7439-92-1	Lead	42.6			P
7439-95-4	Magnesium	4060			P
7439-96-5	Manganese	254			P
7439-97-6	Mercury	0.18			CV
7440-02-0	Nickel	13.6			P
7440-09-7	Potassium	2010			P
7782-49-2	Selenium	8.060	U		P
7440-22-4	Silver	2.300	U	N	P
7440-23-5	Sodium	180	J		P
7440-28-0	Thallium	5.760	U		P
7440-62-2	Vanadium	36.0			P
7440-66-6	Zinc	93.4			P

Color Before: Brown Clarity Before: _____ Texture: Medium

Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

METALS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED4

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): SOIL Lab Sample ID: Z4932-10

Level (low/med): LOW Date Received: 10/10/2008

% Solids: 75.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4050			P
7440-36-0	Antimony	7.810	U		P
7440-38-2	Arsenic	1.300	U		P
7440-39-3	Barium	39.9		N	P
7440-41-7	Beryllium	0.651	U		P
7440-43-9	Cadmium	0.230	J		P
7440-70-2	Calcium	3920			P
7440-47-3	Chromium	6.890			P
7440-48-4	Cobalt	4.390	J		P
7440-50-8	Copper	7.830			P
7439-89-6	Iron	9770			P
7439-92-1	Lead	4.710			P
7439-95-4	Magnesium	3340			P
7439-96-5	Manganese	218			P
7439-97-6	Mercury	0.07	U		CV
7440-02-0	Nickel	4.310	J		P
7440-09-7	Potassium	977			P
7782-49-2	Selenium	4.560	U		P
7440-22-4	Silver	1.300	U	N	P
7440-23-5	Sodium	116	J		P
7440-28-0	Thallium	3.250	U		P
7440-62-2	Vanadium	14.6			P
7440-66-6	Zinc	32.6			P

Color Before: Brown Clarity Before: _____ Texture: Medium

Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

METALS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED5

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): SOIL Lab Sample ID: Z4932-11

Level (low/med): LOW Date Received: 10/10/2008

% Solids: 81.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2730			P
7440-36-0	Antimony	7.410	U		P
7440-38-2	Arsenic	1.230	U		P
7440-39-3	Barium	21.2	J	N	P
7440-41-7	Beryllium	0.617	U		P
7440-43-9	Cadmium	0.617	U		P
7440-70-2	Calcium	1100			P
7440-47-3	Chromium	4.090			P
7440-48-4	Cobalt	2.430	J		P
7440-50-8	Copper	5.290			P
7439-89-6	Iron	6180			P
7439-92-1	Lead	3.810			P
7439-95-4	Magnesium	1300			P
7439-96-5	Manganese	55.6			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	3.840	J		P
7440-09-7	Potassium	575	J		P
7782-49-2	Selenium	4.320	U		P
7440-22-4	Silver	1.230	U	N	P
7440-23-5	Sodium	87.7	J		P
7440-28-0	Thallium	3.090	U		P
7440-62-2	Vanadium	8.140			P
7440-66-6	Zinc	17.9			P

Color Before: Brown Clarity Before: _____ Texture: Medium

Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

METALS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED6

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): SOIL Lab Sample ID: Z4932-12

Level (low/med): LOW Date Received: 10/10/2008

% Solids: 76.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1870			P
7440-36-0	Antimony	7.820	U		P
7440-38-2	Arsenic	1.300	U		P
7440-39-3	Barium	13.4	J	N	P
7440-41-7	Beryllium	0.652	U		P
7440-43-9	Cadmium	0.652	U		P
7440-70-2	Calcium	72300			P
7440-47-3	Chromium	2.680			P
7440-48-4	Cobalt	1.280	J		P
7440-50-8	Copper	2.840	J		P
7439-89-6	Iron	3470			P
7439-92-1	Lead	3.150			P
7439-95-4	Magnesium	44500			P
7439-96-5	Manganese	57.8			P
7439-97-6	Mercury	0.07	U		CV
7440-02-0	Nickel	2.140	J		P
7440-09-7	Potassium	547	J		P
7782-49-2	Selenium	4.560	U		P
7440-22-4	Silver	1.300	U	N	P
7440-23-5	Sodium	146	J		P
7440-28-0	Thallium	3.260	U		P
7440-62-2	Vanadium	4.060	J		P
7440-66-6	Zinc	17.8			P

Color Before: Brown Clarity Before: _____ Texture: Medium

Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

METALS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED7

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): SOIL Lab Sample ID: Z4932-13

Level (low/med): LOW Date Received: 10/10/2008

% Solids: 75.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2370			P
7440-36-0	Antimony	7.920	U		P
7440-38-2	Arsenic	1.320	U		P
7440-39-3	Barium	18.9	J	N	P
7440-41-7	Beryllium	0.660	U		P
7440-43-9	Cadmium	0.660	U		P
7440-70-2	Calcium	2880			P
7440-47-3	Chromium	3.010			P
7440-48-4	Cobalt	2.000	J		P
7440-50-8	Copper	3.410			P
7439-89-6	Iron	4790			P
7439-92-1	Lead	1.460			P
7439-95-4	Magnesium	2720			P
7439-96-5	Manganese	118			P
7439-97-6	Mercury	0.03	J		CV
7440-02-0	Nickel	2.820	J		P
7440-09-7	Potassium	591	J		P
7782-49-2	Selenium	4.620	U		P
7440-22-4	Silver	1.320	U	N	P
7440-23-5	Sodium	135	J		P
7440-28-0	Thallium	3.300	U		P
7440-62-2	Vanadium	5.850	J		P
7440-66-6	Zinc	13.9			P

Color Before: Brown Clarity Before: _____ Texture: Medium

Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

METALS

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED8

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): SOIL Lab Sample ID: Z4932-14

Level (low/med): LOW Date Received: 10/10/2008

% Solids: 79.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2650			P
7440-36-0	Antimony	7.590	U		P
7440-38-2	Arsenic	1.270	U		P
7440-39-3	Barium	17.1	J	N	P
7440-41-7	Beryllium	0.633	U		P
7440-43-9	Cadmium	0.633	U		P
7440-70-2	Calcium	45800			P
7440-47-3	Chromium	3.120			P
7440-48-4	Cobalt	2.570	J		P
7440-50-8	Copper	5.360			P
7439-89-6	Iron	7410			P
7439-92-1	Lead	3.680			P
7439-95-4	Magnesium	28400			P
7439-96-5	Manganese	173			P
7439-97-6	Mercury	0.09			CV
7440-02-0	Nickel	3.570	J		P
7440-09-7	Potassium	472	J		P
7782-49-2	Selenium	4.430	U		P
7440-22-4	Silver	1.270	U	N	P
7440-23-5	Sodium	111	J		P
7440-28-0	Thallium	3.160	U		P
7440-62-2	Vanadium	8.990			P
7440-66-6	Zinc	16.5			P

Color Before: Brown Clarity Before: _____ Texture: Medium

Color After: Yellow Clarity After: _____ Artifacts: _____

Comments: _____

CHEMTECH

METALS CALIBRATION DATA

METALS

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	2482.0	2342.40	94.4	10000.0	10022.00	100.2	10139.00	101.4	P
Antimony	992.0	931.53	93.9	5000.0	5038.60	100.8	4986.90	99.7	P
Arsenic	996.0	924.10	92.8	5000.0	4977.60	99.6	4918.40	98.4	P
Barium	502.0	529.95	105.6	10000.0	10781.00	107.8	10931.00	109.3	P
Beryllium	493.0	464.00	94.1	250.0	253.38	101.4	252.23	100.9	P
Cadmium	494.0	480.03	97.2	2500.0	2486.90	99.5	2426.00	97.0	P
Calcium	10180.0	9713.00	95.4	25000.0	25823.00	103.3	25863.00	103.5	P
Chromium	490.0	480.60	98.1	1000.0	1003.50	100.4	983.32	98.3	P
Cobalt	496.0	481.80	97.1	2500.0	2494.60	99.8	2451.20	98.0	P
Copper	490.0	494.79	101.0	1250.0	1270.70	101.7	1255.60	100.4	P
Iron	5107.0	4934.50	96.6	5000.0	5209.10	104.2	5176.20	103.5	P
Lead	996.0	948.41	95.2	5000.0	4957.50	99.2	4846.00	96.9	P
Magnesium	6003.0	5416.50	90.2	25000.0	24546.00	98.2	24057.00	96.2	P
Manganese	495.0	490.75	99.1	2500.0	2615.60	104.6	2621.90	104.9	P
Mercury	4.100	4.10	100	5.000	5.02	100	5.11	102	CV
Nickel	492.0	503.04	102.2	2500.0	2522.10	100.9	2490.00	99.6	P
Potassium	10008.0	9326.70	93.2	25000.0	25768.00	103.1	25968.00	103.9	P
Selenium	1005.0	915.58	91.1	5000.0	4952.40	99.0	4855.50	97.1	P
Silver	495.0	484.14	97.8	1250.0	1278.60	102.3	1275.90	102.1	P
Sodium	10039.0	9406.30	93.7	25000.0	25696.00	102.8	25926.00	103.7	P
Thallium	1027.0	973.22	94.8	5000.0	5001.20	100.0	4892.90	97.9	P
Vanadium	501.0	475.95	95.0	2500.0	2475.90	99.0	2469.10	98.8	P
Zinc	1000.0	957.34	95.7	2500.0	2448.70	97.9	2368.60	94.7	P

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

METALS

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	10051.00	100.5	10099.00	101.0	P
Antimony				5000.0	4947.60	99.0	5229.30	104.6	P
Arsenic				5000.0	4868.40	97.4	5240.50	104.8	P
Barium				10000.0	10618.00	106.2	10409.00	104.1	P
Beryllium				250.0	249.72	99.9	262.03	104.8	P
Cadmium				2500.0	2413.30	96.5	2669.80	106.8	P
Calcium				25000.0	25184.00	100.7	26090.00	104.4	P
Chromium				1000.0	977.17	97.7	1047.80	104.8	P
Cobalt				2500.0	2439.20	97.6	2633.40	105.3	P
Copper				1250.0	1246.10	99.7	1323.60	105.9	P
Iron				5000.0	5070.10	101.4	5235.00	104.7	P
Lead				5000.0	4820.70	96.4	5281.10	105.6	P
Magnesium				25000.0	23501.00	94.0	25590.00	102.4	P
Manganese				2500.0	2561.90	102.5	2625.40	105.0	P
Mercury				5.000	5.13	103	5.01	100	CV
Nickel				2500.0	2468.20	98.7	2647.80	105.9	P
Potassium				25000.0	25541.00	102.2	25134.00	100.5	P
Selenium				5000.0	4813.40	96.3	5379.60	107.6	P
Silver				1250.0	1264.60	101.2	1297.50	103.8	P
Sodium				25000.0	25391.00	101.6	25292.00	101.2	P
Thallium				5000.0	4891.20	97.8	5286.70	105.7	P
Vanadium				2500.0	2458.90	98.4	2587.00	103.5	P
Zinc				2500.0	2356.10	94.2	2697.20	107.9	P

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

METALS

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	10172.00	101.7	10139.00	101.4	P
Antimony				5000.0	5249.40	105.0	5231.10	104.6	P
Arsenic				5000.0	5285.10	105.7	5237.70	104.8	P
Barium				10000.0	10707.00	107.1	10551.00	105.5	P
Beryllium				250.0	264.68	105.9	261.89	104.8	P
Cadmium				2500.0	2676.80	107.1	2678.80	107.2	P
Calcium				25000.0	27330.00	109.3	27146.00	108.6	P
Chromium				1000.0	1055.10	105.5	1061.90	106.2	P
Cobalt				2500.0	2648.10	105.9	2640.70	105.6	P
Copper				1250.0	1330.60	106.4	1325.60	106.0	P
Iron				5000.0	5420.40	108.4	5418.60	108.4	P
Lead				5000.0	5295.90	105.9	5302.80	106.1	P
Magnesium				25000.0	26394.00	105.6	26690.00	106.8	P
Manganese				2500.0	2726.70	109.1	2707.50	108.3	P
Mercury				5.000	5.42	108	5.50	110	CV
Nickel				2500.0	2679.30	107.2	2657.40	106.3	P
Potassium				25000.0	25860.00	103.4	25493.00	102.0	P
Selenium				5000.0	5356.30	107.1	5352.00	107.0	P
Silver				1250.0	1307.70	104.6	1308.00	104.6	P
Sodium				25000.0	26264.00	105.1	25806.00	103.2	P
Thallium				5000.0	5286.80	105.7	5303.50	106.1	P
Vanadium				2500.0	2595.40	103.8	2596.60	103.9	P
Zinc				2500.0	2695.20	107.8	2707.50	108.3	P

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

METALS

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	10097.00	101.0	10144.00	101.4	P
Antimony				5000.0	5199.20	104.0	5192.90	103.9	P
Arsenic				5000.0	5206.60	104.1	5221.40	104.4	P
Barium				10000.0	10098.00	101.0	10281.00	102.8	P
Beryllium				250.0	261.33	104.5	261.90	104.8	P
Cadmium				2500.0	2649.30	106.0	2649.00	106.0	P
Calcium				25000.0	25734.00	102.9	26361.00	105.4	P
Chromium				1000.0	1049.90	105.0	1048.10	104.8	P
Cobalt				2500.0	2611.40	104.5	2618.10	104.7	P
Copper				1250.0	1315.30	105.2	1316.50	105.3	P
Iron				5000.0	5181.30	103.6	5270.50	105.4	P
Lead				5000.0	5237.90	104.8	5240.00	104.8	P
Magnesium				25000.0	25358.00	101.4	25591.00	102.4	P
Manganese				2500.0	2594.30	103.8	2636.00	105.4	P
Mercury				5.000	5.45	109			CV
Nickel				2500.0	2631.60	105.3	2647.40	105.9	P
Potassium				25000.0	25128.00	100.5	25320.00	101.3	P
Selenium				5000.0	5341.60	106.8	5303.30	106.1	P
Silver				1250.0	1292.60	103.4	1298.50	103.9	P
Sodium				25000.0	25250.00	101.0	25569.00	102.3	P
Thallium				5000.0	5256.90	105.1	5259.60	105.2	P
Vanadium				2500.0	2582.30	103.3	2589.50	103.6	P
Zinc				2500.0	2666.00	106.6	2665.70	106.6	P

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

METALS

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	10104.00	101.0	10145.00	101.4	P
Antimony				5000.0	5187.80	103.8	5211.70	104.2	P
Arsenic				5000.0	5184.70	103.7	5237.30	104.7	P
Barium				10000.0	10183.00	101.8	10219.00	102.2	P
Beryllium				250.0	260.42	104.2	263.66	105.5	P
Cadmium				2500.0	2647.30	105.9	2647.10	105.9	P
Calcium				25000.0	25577.00	102.3	25616.00	102.5	P
Chromium				1000.0	1050.90	105.1	1056.20	105.6	P
Cobalt				2500.0	2614.20	104.6	2612.70	104.5	P
Copper				1250.0	1314.60	105.2	1317.00	105.4	P
Iron				5000.0	5172.20	103.4	5132.40	102.6	P
Lead				5000.0	5250.40	105.0	5242.70	104.9	P
Magnesium				25000.0	25403.00	101.6	25031.00	100.1	P
Manganese				2500.0	2580.70	103.2	2572.00	102.9	P
Nickel				2500.0	2624.20	105.0	2638.10	105.5	P
Potassium				25000.0	24686.00	98.7	25172.00	100.7	P
Selenium				5000.0	5357.70	107.2	5381.30	107.6	P
Silver				1250.0	1293.10	103.4	1310.40	104.8	P
Sodium				25000.0	24724.00	98.9	25126.00	100.5	P
Thallium				5000.0	5291.40	105.8	5264.60	105.3	P
Vanadium				2500.0	2587.10	103.5	2582.60	103.3	P
Zinc				2500.0	2673.60	106.9	2671.80	106.9	P

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

METALS

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9794.90	97.9	9837.70	98.4	P
Antimony				5000.0	5046.90	100.9	5105.80	102.1	P
Arsenic				5000.0	5015.20	100.3	5146.80	102.9	P
Barium				10000.0	10417.00	104.2	10514.00	105.1	P
Beryllium				250.0	248.91	99.6	254.84	101.9	P
Cadmium				2500.0	2561.00	102.4	2590.10	103.6	P
Calcium				25000.0	25349.00	101.4	26449.00	105.8	P
Chromium				1000.0	1010.80	101.1	1046.70	104.7	P
Cobalt				2500.0	2540.50	101.6	2572.10	102.9	P
Copper				1250.0	1276.00	102.1	1297.10	103.8	P
Iron				5000.0	5114.50	102.3	5216.80	104.3	P
Lead				5000.0	5079.50	101.6	5123.20	102.5	P
Magnesium				25000.0	24993.00	100.0	25571.00	102.3	P
Manganese				2500.0	2554.50	102.2	2633.90	105.4	P
Nickel				2500.0	2553.10	102.1	2620.60	104.8	P
Potassium				25000.0	24968.00	99.9	25402.00	101.6	P
Selenium				5000.0	5047.80	101.0	5003.10	100.1	P
Silver				1250.0	1247.00	99.8	1286.80	102.9	P
Sodium				25000.0	25376.00	101.5	25570.00	102.3	P
Thallium				5000.0	5122.40	102.4	5083.40	101.7	P
Vanadium				2500.0	2509.10	100.4	2507.50	100.3	P
Zinc				2500.0	2558.00	102.3	2578.40	103.1	P

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

METALS

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9935.40	99.4			P
Antimony				5000.0	5094.90	101.9			P
Arsenic				5000.0	5107.20	102.1			P
Barium				10000.0	10077.00	100.8			P
Beryllium				250.0	256.03	102.4			P
Cadmium				2500.0	2588.50	103.5			P
Calcium				25000.0	25018.00	100.1			P
Chromium				1000.0	1026.00	102.6			P
Cobalt				2500.0	2567.80	102.7			P
Copper				1250.0	1287.20	103.0			P
Iron				5000.0	4995.80	99.9			P
Lead				5000.0	5133.80	102.7			P
Magnesium				25000.0	24387.00	97.5			P
Manganese				2500.0	2513.70	100.5			P
Nickel				2500.0	2583.40	103.3			P
Potassium				25000.0	24350.00	97.4			P
Selenium				5000.0	5136.70	102.7			P
Silver				1250.0	1270.60	101.6			P
Sodium				25000.0	24549.00	98.2			P
Thallium				5000.0	5156.60	103.1			P
Vanadium				2500.0	2530.70	101.2			P
Zinc				2500.0	2595.30	103.8			P

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

METALS

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	4.100	4.02	98	5.000	4.99	100	5.03	101	CV

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

METALS

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				5.000	5.00	100	5.00	100	CV

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

METALS

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Initial Calibration Verification Source: EPA-ICV

Continuing Calibration Verification Source: EPA-LV

Concentration Units: ug/L

	Initial Calibration Verification			Continuing Calibration Verification					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				5.000	5.70	114			CV

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

METALS

2B-IN

CRQL CHECK STANDARD

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

CRQL Check Standard Source: INOR-VEN

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R (1)	Found*	%R (1)
Aluminum		8.29 U	0.0	7.47 U	0.0
Antimony	60.0	61.10	101.8	58.60 J	97.7
Arsenic	10.0	12.45	124.5	11.52	115.2
Barium		-0.23 U	0.0	-0.10 U	0.0
Beryllium	5.0	5.33	106.6	5.29	105.8
Cadmium	5.0	5.48	109.6	5.35	107.0
Calcium		17.85 U	0.0	17.90 U	0.0
Chromium	10.0	10.54	105.4	10.05	100.5
Cobalt	50.0	54.99	110.0	54.25	108.5
Copper	25.0	28.22	112.9	27.78	111.1
Iron	100.0	109.570	109.57	112.160	112.16
Lead	10.0	10.75	107.5	11.12	111.2
Magnesium		-7.90 U	0.0	-10.33 U	0.0
Manganese	15.0	16.31	108.7	15.95	106.3
Mercury	0.200	0.24	120	0.21	105
Nickel	40.0	43.48	108.7	42.81	107.0
Potassium		-2.98 U	0.0	-35.08 U	0.0
Selenium	35.0	37.85	108.1	36.74	105.0
Silver	10.0	10.76	107.6	11.16	111.6
Sodium		-429.76 U	0.0	-803.85 U	0.0
Thallium	25.0	25.96	103.8	25.82	103.3
Vanadium	50.0	51.84	103.7	52.69	105.4
Zinc	60.0	64.88	108.1	63.68	106.1

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150
ICP-MS - Cobalt, Manganese, and Zinc: 50-150

* if applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury)

METALS

2B-IN

CRQL CHECK STANDARD

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

CRQL Check Standard Source: INOR-VEN

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R (1)	Found*	%R (1)
Aluminum				4.01 U	0.0
Antimony	60.0			63.48	105.8
Arsenic	10.0			10.53	105.3
Barium				-0.21 U	0.0
Beryllium	5.0			5.65	113.0
Cadmium	5.0			5.87	117.4
Calcium				-2.09 U	0.0
Chromium	10.0			11.00	110.0
Cobalt	50.0			59.33	118.7
Copper	25.0			30.10	120.4
Iron	100.0			126.360	126.36
Lead	10.0			10.86	108.6
Magnesium				-2.96 U	0.0
Manganese	15.0			17.14	114.3
Mercury	0.200			0.26	130
Nickel	40.0			46.25	115.6
Potassium				-8.62 U	0.0
Selenium	35.0			42.09	120.3
Silver	10.0			11.41	114.1
Sodium				-26.07 U	0.0
Thallium	25.0			26.51	106.0
Vanadium	50.0			55.47	110.9
Zinc	60.0			71.89	119.8

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150
ICP-MS - Cobalt, Manganese, and Zinc: 50-150

* if applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury)

METALS

2B-IN

CRQL CHECK STANDARD

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

CRQL Check Standard Source: INOR-VEN

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R (1)	Found*	%R (1)
Aluminum				-0.18 U	0.0
Antimony	60.0			62.72	104.5
Arsenic	10.0			12.06	120.6
Barium				0.09 U	0.0
Beryllium	5.0			5.61	112.2
Cadmium	5.0			5.85	117.0
Calcium				9.23 U	0.0
Chromium	10.0			11.54	115.4
Cobalt	50.0			58.82	117.6
Copper	25.0			29.73	118.9
Iron	100.0			121.980	121.98
Lead	10.0			10.17	101.7
Magnesium				-0.47 U	0.0
Manganese	15.0			16.92	112.8
Mercury	0.200			0.26	130
Nickel	40.0			46.48	116.2
Potassium				-43.40 U	0.0
Selenium	35.0			40.70	116.3
Silver	10.0			11.49	114.9
Sodium				-56.94 U	0.0
Thallium	25.0			25.80	103.2
Vanadium	50.0			54.80	109.6
Zinc	60.0			72.15	120.2

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150
ICP-MS - Cobalt, Manganese, and Zinc: 50-150

* if applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury)

METALS

2B-IN

CRQL CHECK STANDARD

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

CRQL Check Standard Source: INOR-VEN

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R (1)	Found*	%R (1)
Aluminum				-6.77 U	0.0
Antimony	60.0			62.96	104.9
Arsenic	10.0			11.53	115.3
Barium				0.70 U	0.0
Beryllium	5.0			5.55	111.0
Cadmium	5.0			5.80	116.0
Calcium				6.18 U	0.0
Chromium	10.0			11.22	112.2
Cobalt	50.0			58.41	116.8
Copper	25.0			29.29	117.2
Iron	100.0			116.430	116.43
Lead	10.0			13.39	133.9
Magnesium				-8.70 U	0.0
Manganese	15.0			17.03	113.5
Nickel	40.0			46.17	115.4
Potassium				-17.67 U	0.0
Selenium	35.0			43.17	123.3
Silver	10.0			11.00	110.0
Sodium				2.85 U	0.0
Thallium	25.0			28.71	114.8
Vanadium	50.0			55.27	110.5
Zinc	60.0			72.08	120.1

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150
ICP-MS - Cobalt, Manganese, and Zinc: 50-150

* if applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury)

METALS

2B-IN

CRQL CHECK STANDARD

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

CRQL Check Standard Source: INOR-VEN

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R (1)	Found*	%R (1)
Aluminum				-7.45 U	0.0
Antimony	60.0			60.74	101.2
Arsenic	10.0			12.20	122.0
Barium				-0.30 U	0.0
Beryllium	5.0			5.47	109.4
Cadmium	5.0			5.83	116.6
Calcium				17.07 U	0.0
Chromium	10.0			11.15	111.5
Cobalt	50.0			58.29	116.6
Copper	25.0			28.68	114.7
Iron	100.0			120.630	120.63
Lead	10.0			12.99	129.9
Magnesium				0.35 U	0.0
Manganese	15.0			15.72	104.8
Nickel	40.0			46.05	115.1
Potassium				-12.60 U	0.0
Selenium	35.0			43.11	123.2
Silver	10.0			11.02	110.2
Sodium				-26.58 U	0.0
Thallium	25.0			28.27	113.1
Vanadium	50.0			54.18	108.4
Zinc	60.0			73.00	121.7

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150
ICP-MS - Cobalt, Manganese, and Zinc: 50-150

* if applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury)

METALS

2B-IN

CRQL CHECK STANDARD

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

CRQL Check Standard Source: INOR-VEN

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R (1)	Found*	%R (1)
Aluminum				4.31 U	0.0
Antimony	60.0			61.73	102.9
Arsenic	10.0			11.86	118.6
Barium				0.00 U	0.0
Beryllium	5.0			5.47	109.4
Cadmium	5.0			5.77	115.4
Calcium				0.91 U	0.0
Chromium	10.0			11.34	113.4
Cobalt	50.0			58.00	116.0
Copper	25.0			29.51	118.0
Iron	100.0			115.960	115.96
Lead	10.0			12.18	121.8
Magnesium				-8.95 U	0.0
Manganese	15.0			16.28	108.5
Nickel	40.0			45.41	113.5
Potassium				-19.76 U	0.0
Selenium	35.0			42.60	121.7
Silver	10.0			10.68	106.8
Sodium				9.58 U	0.0
Thallium	25.0			28.28	113.1
Vanadium	50.0			55.54	111.1
Zinc	60.0			71.10	118.5

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150
ICP-MS - Cobalt, Manganese, and Zinc: 50-150

* if applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury)

METALS

2B-IN

CRQL CHECK STANDARD

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

CRQL Check Standard Source: _____

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R (1)	Found*	%R (1)
Mercury	0.200	0.16 J	80	0.22	110

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150
ICP-MS - Cobalt, Manganese, and Zinc: 50-150

* if applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury)

METALS

2B-IN

CRQL CHECK STANDARD

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

CRQL Check Standard Source: _____

Concentration Units: ug/L

Analyte	CRQL Check Standard				
	Initial			Final	
	True	Found*	%R (1)	Found*	%R (1)
Mercury	0.200			0.20	100

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead, and Thallium: 50-150
ICP-MS - Cobalt, Manganese, and Zinc: 50-150

* if applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury)

METALS

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244100	241100	229000	93.8	232000	96.2	231000	94.6	232000	96.2
Antimony	0	589	4.2		579	98.3	1.6		571	96.9
Arsenic	0	101	9.4		100	99.0	8.2		97.9	96.9
Barium	0	495	2.2		530	107.1	2.2		540	109.1
Beryllium	0	475	0.60		478	100.6	0.58		473	99.6
Cadmium	0	940	1.5		893	95.0	1.3		869	92.4
Calcium	234900	231100	242000	103.0	245000	106.0	240000	02.2	245000	106.0
Chromium	43	511	40.0	93.0	501	98.0	39.9	92.8	489	95.7
Cobalt	0	461	3.6		450	97.6	3.3		442	95.9
Copper	23	548	29.2	127.0	484	88.3	29.3	27.4	477	87.0
Iron	95600	94800	94000	98.3	95500	100.7	93300	97.6	94700	99.9
Lead	10	61	10.1	101.0	56.1	92.0	11.6	16.0	55.6	91.1
Magnesium	247500	251100	246000	99.4	251000	100.0	241000	97.4	244000	97.2
Manganese	19	502	19.3	101.6	509	101.4	19.5	02.6	509	101.4
Nickel	21	984	18.3	87.1	939	95.4	18.8	89.5	922	93.7
Potassium	0		22.4		17.3		-60.1		-21.9	
Selenium	0	53	-3.4		51.2	96.6	-2.4		50.0	94.3
Silver	0	206	-0.66		203	98.5	-0.82		201	97.6
Sodium	0		506		472		103		113	
Thallium	0	103	1.2		92.7	90.0	0.45		87.9	85.3
Vanadium	0	494	1.7		466	94.3	2.2		460	93.1
Zinc	0	1028	27.8		894	87.0	27.2		861	83.8

METALS

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244100	241100					233000	95.5	236000	97.9
Antimony	0	589					2.5		601	102.0
Arsenic	0	101					5.3		99.9	98.9
Barium	0	495					2.3		536	108.3
Beryllium	0	475					0.63		500	105.3
Cadmium	0	940					2.2		957	101.8
Calcium	234900	231100					259000	10.3	263000	113.8
Chromium	43	511					42.5	98.8	524	102.5
Cobalt	0	461					4.4		476	103.3
Copper	23	548					30.4	32.2	504	92.0
Iron	95600	94800					99200	03.8	100000	105.5
Lead	10	61					9.3	93.0	58.7	96.2
Magnesium	247500	251100					269000	08.7	271000	107.9
Manganese	19	502					20.7	08.9	539	107.4
Nickel	21	984					20.1	95.7	991	100.7
Potassium	0						-25.9		-12.2	
Selenium	0	53					-2.2		54.2	102.3
Silver	0	206					-0.86		207	100.5
Sodium	0						848		856	
Thallium	0	103					-1.2		96.1	93.3
Vanadium	0	494					2.4		485	98.2
Zinc	0	1028					30.1		977	95.0

METALS

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244100	241100					232000	95.0	235000	97.5
Antimony	0	589					-0.13		607	103.1
Arsenic	0	101					2.2		100	99.0
Barium	0	495					2.4		522	105.5
Beryllium	0	475					0.56		500	105.3
Cadmium	0	940					2.4		962	102.3
Calcium	234900	231100					256000	09.0	257000	111.2
Chromium	43	511					43.0	00.0	528	103.3
Cobalt	0	461					4.0		477	103.5
Copper	23	548					30.9	34.3	505	92.2
Iron	95600	94800					98200	02.7	98200	103.6
Lead	10	61					8.5	85.0	57.4	94.1
Magnesium	247500	251100					266000	07.5	267000	106.3
Manganese	19	502					20.4	07.4	526	104.8
Nickel	21	984					20.1	95.7	993	100.9
Potassium	0						-48.1		-67.8	
Selenium	0	53					-2.9		51.8	97.7
Silver	0	206					-0.64		207	100.5
Sodium	0						805		809	
Thallium	0	103					-0.90		94.8	92.0
Vanadium	0	494					2.7		486	98.4
Zinc	0	1028					29.9		980	95.3

METALS

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244100	241100					234000	95.9	233000	96.6
Antimony	0	589					2.6		605	102.7
Arsenic	0	101					7.0		98.6	97.6
Barium	0	495					3.0		514	103.8
Beryllium	0	475					0.68		494	104.0
Cadmium	0	940					2.7		954	101.5
Calcium	234900	231100					245000	04.3	249000	107.7
Chromium	43	511					42.4	98.6	522	102.2
Cobalt	0	461					4.2		472	102.4
Copper	23	548					29.3	27.4	499	91.1
Iron	95600	94800					94900	99.3	96900	102.2
Lead	10	61					10.4	04.0	59.0	96.7
Magnesium	247500	251100					259000	04.6	265000	105.5
Manganese	19	502					19.3	01.6	514	102.4
Nickel	21	984					19.8	94.3	976	99.2
Potassium	0						-36.3		-41.6	
Selenium	0	53					-2.1		55.7	105.1
Silver	0	206					-0.34		205	99.5
Sodium	0						804		826	
Thallium	0	103					1.1		98.3	95.4
Vanadium	0	494					2.3		489	99.0
Zinc	0	1028					30.7		979	95.2

METALS

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244100	241100					229000	93.8	230000	95.4
Antimony	0	589					1.6		592	100.5
Arsenic	0	101					7.6		98.2	97.2
Barium	0	495					2.5		453	91.5
Beryllium	0	475					0.68		488	102.7
Cadmium	0	940					2.6		960	102.1
Calcium	234900	231100					235000	00.0	232000	100.4
Chromium	43	511					42.7	99.3	531	103.9
Cobalt	0	461					4.5		473	102.6
Copper	23	548					29.9	30.0	498	90.9
Iron	95600	94800					90600	94.8	89000	93.9
Lead	10	61					9.4	94.0	58.8	96.4
Magnesium	247500	251100					252000	01.8	249000	99.2
Manganese	19	502					18.8	98.9	474	94.4
Nickel	21	984					19.7	93.8	979	99.5
Potassium	0						28.7		-0.91	
Selenium	0	53					-5.8		52.0	98.1
Silver	0	206					-0.99		203	98.5
Sodium	0						723		708	
Thallium	0	103					0.67		97.2	94.4
Vanadium	0	494					2.4		480	97.2
Zinc	0	1028					31.0		1000	97.3

METALS

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True		Initial Found				Final Found			
	Sol.A	Sol AB	Sol.A	%R	Sol AB	%R	Sol.A	%R	Sol.AB	%R
Aluminum	244100	241100					232000	95.0	234000	97.1
Antimony	0	589					1.8		605	102.7
Arsenic	0	101					2.1		95.2	94.3
Barium	0	495					2.6		508	102.6
Beryllium	0	475					0.65		495	104.2
Cadmium	0	940					1.9		948	100.9
Calcium	234900	231100					243000	03.4	245000	106.0
Chromium	43	511					41.8	97.2	521	102.0
Cobalt	0	461					4.0		470	102.0
Copper	23	548					32.5	41.3	502	91.6
Iron	95600	94800					94100	98.4	94600	99.8
Lead	10	61					10.0	00.0	58.1	95.2
Magnesium	247500	251100					255000	03.0	256000	102.0
Manganese	19	502					18.9	99.5	505	100.6
Nickel	21	984					19.2	91.4	976	99.2
Potassium	0						-12.3		-48.6	
Selenium	0	53					-6.6		52.0	98.1
Silver	0	206					-1.3		204	99.0
Sodium	0						830		823	
Thallium	0	103					3.3		97.4	94.6
Vanadium	0	494					2.8		482	97.6
Zinc	0	1028					30.0		970	94.4

METALS

4B-IN

ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-MS Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True Sol.A	True Sol.AB	Found Sol.A	Found %R	Found Sol. AB	Found %R
Aluminum	244100	241100	229000	93.8	232000	96.2
Antimony	0	589	4.2		579	98.3
Arsenic	0	101	9.4		100	99.0
Barium	0	495	2.2		530	107.1
Beryllium	0	475	0.60		478	100.6
Cadmium	0	940	1.5		893	95.0
Calcium	234900	231100	242000	103.0	245000	106.0
Chromium	43	511	40.0	93.0	501	98.0
Cobalt	0	461	3.6		450	97.6
Copper	23	548	29.2	127.0	484	88.3
Iron	95600	94800	94000	98.3	95500	100.7
Lead	10	61	10.1	101.0	56.1	92.0
Magnesium	247500	251100	246000	99.4	251000	100.0
Manganese	19	502	19.3	101.6	509	101.4
Nickel	21	984	18.3	87.1	939	95.4
Potassium	0		22.4		17.3	
Selenium	0	53	-3.4		51.2	96.6
Silver	0	206	-0.66		203	98.5
Sodium	0		506		472	
Thallium	0	103	1.2		92.7	90.0
Vanadium	0	494	1.7		466	94.3
Zinc	0	1028	27.8		894	87.0

METALS

4B-IN

ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-MS Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True Sol.A	True Sol.AB	Found Sol.A	Found %R	Found Sol. AB	Found %R
Aluminum	244100	241100	231000	94.6	232000	96.2
Antimony	0	589	1.6		571	96.9
Arsenic	0	101	8.2		97.9	96.9
Barium	0	495	2.2		540	109.1
Beryllium	0	475	0.58		473	99.6
Cadmium	0	940	1.3		869	92.4
Calcium	234900	231100	240000	102.2	245000	106.0
Chromium	43	511	39.9	92.8	489	95.7
Cobalt	0	461	3.3		442	95.9
Copper	23	548	29.3	127.4	477	87.0
Iron	95600	94800	93300	97.6	94700	99.9
Lead	10	61	11.6	116.0	55.6	91.1
Magnesium	247500	251100	241000	97.4	244000	97.2
Manganese	19	502	19.5	102.6	509	101.4
Nickel	21	984	18.8	89.5	922	93.7
Potassium	0		-60.1		-21.9	
Selenium	0	53	-2.4		50.0	94.3
Silver	0	206	-0.82		201	97.6
Sodium	0		103		113	
Thallium	0	103	0.45		87.9	85.3
Vanadium	0	494	2.2		460	93.1
Zinc	0	1028	27.2		861	83.8

METALS

4B-IN

ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-MS Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True Sol.A	True Sol.AB	Found Sol.A	Found %R	Found Sol. AB	Found %R
Aluminum	244100	241100	233000	95.5	236000	97.9
Antimony	0	589	2.5		601	102.0
Arsenic	0	101	5.3		99.9	98.9
Barium	0	495	2.3		536	108.3
Beryllium	0	475	0.63		500	105.3
Cadmium	0	940	2.2		957	101.8
Calcium	234900	231100	259000	110.3	263000	113.8
Chromium	43	511	42.5	98.8	524	102.5
Cobalt	0	461	4.4		476	103.3
Copper	23	548	30.4	132.2	504	92.0
Iron	95600	94800	99200	103.8	100000	105.5
Lead	10	61	9.3	93.0	58.7	96.2
Magnesium	247500	251100	269000	108.7	271000	107.9
Manganese	19	502	20.7	108.9	539	107.4
Nickel	21	984	20.1	95.7	991	100.7
Potassium	0		-25.9		-12.2	
Selenium	0	53	-2.2		54.2	102.3
Silver	0	206	-0.86		207	100.5
Sodium	0		848		856	
Thallium	0	103	-1.2		96.1	93.3
Vanadium	0	494	2.4		485	98.2
Zinc	0	1028	30.1		977	95.0

METALS

4B-IN

ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-MS Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True Sol.A	True Sol.AB	Found Sol.A	%R	Found Sol. AB	%R
Aluminum	244100	241100	232000	95.0	235000	97.5
Antimony	0	589	-0.13		607	103.1
Arsenic	0	101	2.2		100	99.0
Barium	0	495	2.4		522	105.5
Beryllium	0	475	0.56		500	105.3
Cadmium	0	940	2.4		962	102.3
Calcium	234900	231100	256000	109.0	257000	111.2
Chromium	43	511	43.0	100.0	528	103.3
Cobalt	0	461	4.0		477	103.5
Copper	23	548	30.9	134.3	505	92.2
Iron	95600	94800	98200	102.7	98200	103.6
Lead	10	61	8.5	85.0	57.4	94.1
Magnesium	247500	251100	266000	107.5	267000	106.3
Manganese	19	502	20.4	107.4	526	104.8
Nickel	21	984	20.1	95.7	993	100.9
Potassium	0		-48.1		-67.8	
Selenium	0	53	-2.9		51.8	97.7
Silver	0	206	-0.64		207	100.5
Sodium	0		805		809	
Thallium	0	103	-0.90		94.8	92.0
Vanadium	0	494	2.7		486	98.4
Zinc	0	1028	29.9		980	95.3

METALS

4B-IN

ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-MS Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True Sol.A	True Sol.AB	Found Sol.A	Found %R	Found Sol. AB	Found %R
Aluminum	244100	241100	234000	95.9	233000	96.6
Antimony	0	589	2.6		605	102.7
Arsenic	0	101	7.0		98.6	97.6
Barium	0	495	3.0		514	103.8
Beryllium	0	475	0.68		494	104.0
Cadmium	0	940	2.7		954	101.5
Calcium	234900	231100	245000	104.3	249000	107.7
Chromium	43	511	42.4	98.6	522	102.2
Cobalt	0	461	4.2		472	102.4
Copper	23	548	29.3	127.4	499	91.1
Iron	95600	94800	94900	99.3	96900	102.2
Lead	10	61	10.4	104.0	59.0	96.7
Magnesium	247500	251100	259000	104.6	265000	105.5
Manganese	19	502	19.3	101.6	514	102.4
Nickel	21	984	19.8	94.3	976	99.2
Potassium	0		-36.3		-41.6	
Selenium	0	53	-2.1		55.7	105.1
Silver	0	206	-0.34		205	99.5
Sodium	0		804		826	
Thallium	0	103	1.1		98.3	95.4
Vanadium	0	494	2.3		489	99.0
Zinc	0	1028	30.7		979	95.2

METALS

4B-IN

ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-MS Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True Sol.A	True Sol.AB	Found Sol.A	Found %R	Found Sol. AB	Found %R
Aluminum	244100	241100	229000	93.8	230000	95.4
Antimony	0	589	1.6		592	100.5
Arsenic	0	101	7.6		98.2	97.2
Barium	0	495	2.5		453	91.5
Beryllium	0	475	0.68		488	102.7
Cadmium	0	940	2.6		960	102.1
Calcium	234900	231100	235000	100.0	232000	100.4
Chromium	43	511	42.7	99.3	531	103.9
Cobalt	0	461	4.5		473	102.6
Copper	23	548	29.9	130.0	498	90.9
Iron	95600	94800	90600	94.8	89000	93.9
Lead	10	61	9.4	94.0	58.8	96.4
Magnesium	247500	251100	252000	101.8	249000	99.2
Manganese	19	502	18.8	98.9	474	94.4
Nickel	21	984	19.7	93.8	979	99.5
Potassium	0		28.7		-0.91	
Selenium	0	53	-5.8		52.0	98.1
Silver	0	206	-0.99		203	98.5
Sodium	0		723		708	
Thallium	0	103	0.67		97.2	94.4
Vanadium	0	494	2.4		480	97.2
Zinc	0	1028	31.0		1000	97.3

METALS

4B-IN

ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-MS Instrument ID: P4 ICS Source: EPA

Concentration Units: ug/L

Analyte	True Sol.A	True Sol.AB	Found Sol.A	Found %R	Found Sol. AB	Found %R
Aluminum	244100	241100	232000	95.0	234000	97.1
Antimony	0	589	1.8		605	102.7
Arsenic	0	101	2.1		95.2	94.3
Barium	0	495	2.6		508	102.6
Beryllium	0	475	0.65		495	104.2
Cadmium	0	940	1.9		948	100.9
Calcium	234900	231100	243000	103.4	245000	106.0
Chromium	43	511	41.8	97.2	521	102.0
Cobalt	0	461	4.0		470	102.0
Copper	23	548	32.5	141.3	502	91.6
Iron	95600	94800	94100	98.4	94600	99.8
Lead	10	61	10.0	100.0	58.1	95.2
Magnesium	247500	251100	255000	103.0	256000	102.0
Manganese	19	502	18.9	99.5	505	100.6
Nickel	21	984	19.2	91.4	976	99.2
Potassium	0		-12.3		-48.6	
Selenium	0	53	-6.6		52.0	98.1
Silver	0	206	-1.3		204	99.0
Sodium	0		830		823	
Thallium	0	103	3.3		97.4	94.6
Vanadium	0	494	2.8		482	97.6
Zinc	0	1028	30.0		970	94.4

CHEMTECH

METALS
QC DATA

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Preparation Blank Matrix (soil/water): SOIL

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

Analyte	Initial Calibration Blank(ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Aluminum	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Antimony	60.0	U	60.0	U	60.0	U	60.0	U	60.000	U	P
Arsenic	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Barium	200.0	U	200.0	U	200.0	U	200.0	U	200.000	U	P
Beryllium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Cadmium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Calcium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	5000.000	U	P
Chromium	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Cobalt	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Copper	25.0	U	25.0	U	25.0	U	25.0	U	25.000	U	P
Iron	100.0	U	100.0	U	100.0	U	100.0	U	100.000	U	P
Lead	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Magnesium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	5000.000	U	P
Manganese	15.0	U	15.0	U	15.0	U	15.0	U	15.000	U	P
Mercury	0.20	U	-0.02	J	-0.05	J	0.20	U	0.050	U	CV
Nickel	40.0	U	40.0	U	40.0	U	40.0	U	40.000	U	P
Potassium	5000.0	U	5000.0	U	5000.0	U	5000.0	U	5000.000	U	P
Selenium	35.0	U	35.0	U	35.0	U	35.0	U	35.000	U	P
Silver	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Sodium	5000.0	U	-523.1	J	-754.3	J	-814.8	J	5000.000	U	P
Thallium	25.0	U	25.0	U	25.0	U	25.0	U	25.000	U	P
Vanadium	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Zinc	60.0	U	60.0	U	60.0	U	60.0	U	60.000	U	P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Preparation Blank Matrix (soil/water): SOIL

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

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U	200.0	U	200.0	U	20.000	U	P
Antimony			60.0	U	60.0	U	60.0	U	6.000	U	P
Arsenic			10.0	U	10.0	U	10.0	U	1.000	U	P
Barium			200.0	U	200.0	U	200.0	U	20.000	U	P
Beryllium			5.0	U	5.0	U	5.0	U	0.500	U	P
Cadmium			5.0	U	5.0	U	5.0	U	0.500	U	P
Calcium			5000.0	U	5000.0	U	5000.0	U	500.000	U	P
Chromium			10.0	U	10.0	U	10.0	U	1.000	U	P
Cobalt			50.0	U	50.0	U	50.0	U	5.000	U	P
Copper			25.0	U	25.0	U	25.0	U	2.500	U	P
Iron			100.0	U	100.0	U	100.0	U	10.000	U	P
Lead			10.0	U	10.0	U	10.0	U	1.000	U	P
Magnesium			5000.0	U	5000.0	U	5000.0	U	500.000	U	P
Manganese			15.0	U	15.0	U	15.0	U	1.500	U	P
Mercury			0.03	J	-0.05	J	0.20	U			CV
Nickel			40.0	U	40.0	U	40.0	U	4.000	U	P
Potassium			5000.0	U	5000.0	U	5000.0	U	-4.103	J	P
Selenium			35.0	U	35.0	U	35.0	U	3.500	U	P
Silver			10.0	U	10.0	U	10.0	U	1.000	U	P
Sodium			5000.0	U	5000.0	U	5000.0	U	500.000	U	P
Thallium			25.0	U	25.0	U	25.0	U	2.500	U	P
Vanadium			50.0	U	50.0	U	50.0	U	5.000	U	P
Zinc			60.0	U	60.0	U	60.0	U	6.000	U	P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U	200.0	U	200.0	U			P
Antimony			60.0	U	60.0	U	60.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			200.0	U	200.0	U	200.0	U			P
Beryllium			5.0	U	5.0	U	5.0	U			P
Cadmium			5.0	U	5.0	U	5.0	U			P
Calcium			5000.0	U	5000.0	U	5000.0	U			P
Chromium			10.0	U	10.0	U	10.0	U			P
Cobalt			50.0	U	50.0	U	50.0	U			P
Copper			25.0	U	25.0	U	25.0	U			P
Iron			100.0	U	100.0	U	100.0	U			P
Lead			10.0	U	10.0	U	10.0	U			P
Magnesium			5000.0	U	5000.0	U	5000.0	U			P
Manganese			15.0	U	15.0	U	15.0	U			P
Mercury			0.20	U							CV
Nickel			40.0	U	40.0	U	40.0	U			P
Potassium			5000.0	U	5000.0	U	5000.0	U			P
Selenium			35.0	U	35.0	U	35.0	U			P
Silver			10.0	U	10.0	U	10.0	U			P
Sodium			5000.0	U	5000.0	U	5000.0	U			P
Thallium			25.0	U	25.0	U	25.0	U			P
Vanadium			50.0	U	50.0	U	50.0	U			P
Zinc			60.0	U	60.0	U	60.0	U			P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U	200.0	U	200.0	U			P
Antimony			60.0	U	60.0	U	60.0	U			P
Arsenic			10.0	U	10.0	U	10.0	U			P
Barium			200.0	U	200.0	U	200.0	U			P
Beryllium			5.0	U	5.0	U	5.0	U			P
Cadmium			5.0	U	5.0	U	5.0	U			P
Calcium			5000.0	U	5000.0	U	5000.0	U			P
Chromium			10.0	U	10.0	U	10.0	U			P
Cobalt			50.0	U	50.0	U	50.0	U			P
Copper			25.0	U	25.0	U	25.0	U			P
Iron			100.0	U	100.0	U	100.0	U			P
Lead			10.0	U	10.0	U	10.0	U			P
Magnesium			5000.0	U	5000.0	U	5000.0	U			P
Manganese			15.0	U	15.0	U	15.0	U			P
Nickel			40.0	U	40.0	U	40.0	U			P
Potassium			5000.0	U	5000.0	U	60.4	J			P
Selenium			35.0	U	35.0	U	35.0	U			P
Silver			10.0	U	10.0	U	10.0	U			P
Sodium			5000.0	U	5000.0	U	5000.0	U			P
Thallium			25.0	U	25.0	U	25.0	U			P
Vanadium			50.0	U	50.0	U	50.0	U			P
Zinc			60.0	U	60.0	U	60.0	U			P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			200.0	U							P
Antimony			60.0	U							P
Arsenic			10.0	U							P
Barium			200.0	U							P
Beryllium			5.0	U							P
Cadmium			5.0	U							P
Calcium			5000.0	U							P
Chromium			10.0	U							P
Cobalt			50.0	U							P
Copper			25.0	U							P
Iron			100.0	U							P
Lead			10.0	U							P
Magnesium			5000.0	U							P
Manganese			15.0	U							P
Nickel			40.0	U							P
Potassium			5000.0	U							P
Selenium			35.0	U							P
Silver			10.0	U							P
Sodium			5000.0	U							P
Thallium			25.0	U							P
Vanadium			50.0	U							P
Zinc			60.0	U							P

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calibration Blank(ug/L)		Continuing Calibration Blank (ug/L)						- Preparation Blank		
		C	1	C	2	C	3	C		C	M
Mercury	-0.04	J	-0.03	J	-0.06	J	-0.07	J	-0.025	J	CV

USEPA - CLP

3-IN

BLANKS

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calibration Blank(ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			-0.08	J	-0.05	J					CV

METALS

5A-IN

MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

SED1S

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 39.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		18896.4700		18087.3800		0.00	0.0		P
Antimony	75 - 125	61.1869		15.1515	U	50.51	121.1		P
Arsenic	75 - 125	22.9546		2.5253	U	20.20	113.6		P
Barium	75 - 125	1502.2220		226.9268		1010.10	126.3	N	P
Beryllium	75 - 125	29.3333		0.4697	J	25.25	114.3		P
Cadmium	75 - 125	30.2121		1.3384		25.25	114.4		P
Calcium		10595.2000		10657.5800		0.00	0.0		P
Chromium	75 - 125	154.7955		35.0859		101.01	118.5		P
Cobalt	75 - 125	305.5556		14.4369		252.53	115.3		P
Copper	75 - 125	185.1768		41.5884		126.26	113.7		P
Iron		34896.4700		34792.9300		0.00	0.0		P
Lead	75 - 125	46.0606		35.6465		10.10	103.1		P
Magnesium		7779.7980		7919.6970		0.00	0.0		P
Manganese	75 - 125	996.5657		708.5607		252.53	114.0		P
Mercury	75 - 125	1.3889		0.1528		1.26	98		CV
Nickel	75 - 125	313.7879		21.1818		252.53	115.9		P
Potassium		5501.5160		5613.1310		0.00	0.0		P
Selenium	75 - 125	26.2273		8.8384	U	25.25	103.9		P
Silver	75 - 125	13.2475		2.5253	U	25.25	52.5	N	P
Sodium		313.6616	J	317.6010	J	0.00	0.0		P
Thallium	75 - 125	28.1364		6.3131	U	25.25	111.4		P
Vanadium	75 - 125	344.0909		47.2197		252.53	117.6		P
Zinc	75 - 125	422.0960		148.1667		252.53	108.5		P

Comments:

METALS

5B-IN

POST-DIGESTION SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

SED1A

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Barium		5806.00		898.63		3000.0	163.6		P

Comments:

USEPA - CLP

6-IN

DUPLICATES

EPA SAMPLE NO.

SED1D

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 39.6 % Solids for Duplicate: 39.6

Concentration Units:(ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		18087.3800		18051.2600		0.2		P
Antimony		15.1515	U	15.1515	U			P
Arsenic		2.5253	U	2.5253	U			P
Barium	50.5051	226.9268		227.2096		0.1		P
Beryllium		0.4697	J	0.4823	J	2.6		P
Cadmium	1.2626	1.3384		1.3359		0.2		P
Calcium		10657.5800		10703.7900		0.4		P
Chromium		35.0859		34.9874		0.3		P
Cobalt	12.6263	14.4369		14.3662		0.5		P
Copper		41.5884		41.5354		0.1		P
Iron		34792.9300		34838.3900		0.1		P
Lead		35.6465		35.5859		0.2		P
Magnesium		7919.6970		7894.1920		0.3		P
Manganese		708.5607		711.8434		0.5		P
Nickel	10.1010	21.1818		21.2450		0.3		P
Potassium	1262.6260	5613.1310		5614.1420		0.0		P
Selenium		8.8384	U	8.8384	U			P
Silver		2.5253	U	2.5253	U			P
Sodium		317.6010	J	316.4899	J	0.4		P
Thallium		6.3131	U	6.3131	U			P
Vanadium	12.6263	47.2197		46.7248		1.1		P
Zinc		148.1667		146.4066		1.2		P

USEPA - CLP

6-IN

DUPLICATES

EPA SAMPLE NO.

SED1D

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 39.6 % Solids for Duplicate: 39.6

Concentration Units:(ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury		0.1528		0.1212	J	23		CV

METALS

7 - IN

LABORATORY CONTROL SAMPLE

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No: Z4932 SDG NO.: Z4932

Solid LCS Source: EPA-ICV

Aqueous LCS Source: EPA-ICV

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits		%R
Aluminum	2482.0	2605.10	105.0	115.0	105.2		80.0	120.0	91.5
Antimony	992.0	1089.90	109.9	66.0	71.5		80.0	120.0	108.3
Arsenic	996.0	1044.60	104.9	253.0	233.1		80.0	120.0	92.1
Barium	502.0	569.65	113.5	0.0	1.5	J	80.0	120.0	0.0
Beryllium	493.0	524.32	106.4	4.9	4.7		80.0	120.0	95.9
Cadmium	494.0	539.26	109.2	10.9	10.2		80.0	120.0	93.6
Calcium	10180.0	10764.00	105.7	44200.0	45400.0		80.0	120.0	102.7
Chromium	490.0	534.09	109.0	27.1	26.2		80.0	120.0	96.7
Cobalt	496.0	529.50	106.8	37.4	35.6		80.0	120.0	95.2
Copper	490.0	537.11	109.6	1770.0	1543.8		80.0	120.0	87.2
Iron	5107.0	5435.70	106.4	6470.0	6414.5		80.0	120.0	99.1
Lead	996.0	1064.60	106.9	56.9	52.0		80.0	120.0	91.4
Magnesium	6003.0	6104.10	101.7	29200.0	28685.0		80.0	120.0	98.2
Manganese	495.0	540.31	109.2	61.0	57.8		80.0	120.0	94.8
Mercury	1.0	0.97	97	3.6	3.8		80.0	120.0	106
Nickel	492.0	541.87	110.1	16.3	14.7		80.0	120.0	90.2
Potassium	10008.0	10381.00	103.7	0.0	16.9	J	80.0	120.0	0.0
Selenium	1005.0	1098.70	109.3	10.0	9.1		80.0	120.0	91.0
Silver	495.0	536.38	108.4	5.9	5.8		80.0	120.0	98.3
Sodium	10039.0	10791.00	107.5	0.0	107.1	J	80.0	120.0	0.0
Thallium	1027.0	1076.80	104.8	9.5	8.4		80.0	120.0	88.4
Vanadium	501.0	522.68	104.3	17.6	16.1		80.0	120.0	91.5
Zinc	1000.0	1085.50	108.6	47.5	42.8		80.0	120.0	90.1

METALS

8-IN

ICP-AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.

SED1L

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	71626.00		71400.00		0.3		P
Antimony	60.00	U	300.00	U			P
Arsenic	10.00	U	50.00	U			P
Barium	898.63		892.85	J	0.6		P
Beryllium	1.86	J	1.90	J	2.2		P
Cadmium	5.30		25.00	U	100.0		P
Calcium	42204.00		44096.00		4.5		P
Chromium	138.94		145.30		4.6		P
Cobalt	57.17		60.30	J	5.5		P
Copper	164.69		180.60		9.7		P
Iron	137780.00		143965.00		4.5		P
Lead	141.16		160.50		13.7		P
Magnesium	31362.00		32046.50		2.2		P
Manganese	2805.90		2896.10		3.2		P
Nickel	83.88		88.90	J	6.0		P
Potassium	22228.00		20696.00	J	6.9		P
Selenium	35.00	U	175.00	U			P
Silver	10.00	U	50.00	U			P
Sodium	1257.70	J	25000.00	U	100.0		P
Thallium	25.00	U	125.00	U			P
Vanadium	186.99		191.05	J	2.2		P
Zinc	586.74		636.50		8.5		P

CHEMTECH

METALS PREPARATION & INSTRUMENT DATA

METALS

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Instrument Type: CV Instrument ID: CV1 Date: 1/15/2008

Preparation Method: _____

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wave-Length /Mass	CRQL	MDL
Mercury	253.70	0.2	0.020

Comments:

METALS

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Instrument Type: CV Instrument ID: CV1 Date: 1/15/2008

Preparation Method: _____

Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Wave-Length /Mass	CRQL	MDL
Mercury	253.70	0.1	0.019

Comments:

METALS

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Instrument Type: P Instrument ID: P4 Date: 1/15/2008

Preparation Method: _____

Concentration Units (ug/L or mg/kg): UG/L

Analyte	Wave-Length /Mass	CRQL	MDL
Aluminum	308.22	200.0	45.80
Antimony	206.83	60.0	6.80
Arsenic	193.76	10.0	3.90
Barium	493.41	200.0	10.80
Beryllium	234.86	5.0	0.30
Cadmium	226.50	5.0	1.10
Calcium	373.69	5000.0	274.60
Chromium	267.72	10.0	1.20
Cobalt	228.62	50.0	2.40
Copper	224.70	25.0	1.70
Iron	259.83	100.0	37.00
Lead	220.35	10.0	4.60
Magnesium	279.08	5000.0	60.50
Manganese	257.61	15.0	1.40
Nickel	231.60	40.0	4.70
Potassium	766.49	5000.0	39.00
Selenium	196.02	35.0	5.00
Silver	328.07	10.0	0.70
Sodium	589.59	5000.0	462.00
Thallium	190.86	25.0	8.00
Vanadium	292.40	50.0	3.10
Zinc	206.20	60.0	6.00

Comments:

METALS

9-IN

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Instrument Type: P Instrument ID: P4 Date: 1/15/2008

Preparation Method: _____

Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Wave-Length /Mass	CRQL	MDL
Aluminum	308.22	200.0	2.38
Antimony	206.83	60.0	0.78
Arsenic	193.76	10.0	0.48
Barium	493.41	200.0	1.03
Beryllium	234.86	5.0	0.18
Cadmium	226.50	5.0	0.13
Calcium	373.69	5000.0	29.42
Chromium	267.72	10.0	0.14
Cobalt	228.62	50.0	0.53
Copper	224.70	25.0	0.17
Iron	259.83	100.0	3.53
Lead	220.35	10.0	0.41
Magnesium	279.08	5000.0	3.81
Manganese	257.61	15.0	0.11
Nickel	231.60	40.0	0.64
Potassium	766.49	5000.0	2.09
Selenium	196.02	35.0	0.68
Silver	328.07	10.0	0.13
Sodium	589.59	5000.0	69.39
Thallium	190.86	25.0	0.44
Vanadium	292.40	50.0	0.79
Zinc	206.20	60.0	1.03

Comments:

METALS

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 Date: 10/15/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Al	Ca	Fe	Mg	Ag
Aluminum	308.20	0.0000000	0.0000000	-0.0000390	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	-0.0001510	0.0000000	-0.0001320	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000800	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000830	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0003990	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0001340	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	-0.0000910	0.0000000	0.0000200	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000150	0.0000000
Nickel	231.60	0.0000000	0.0000000	-0.0000040	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	-0.0001020	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	-0.0000200	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

METALS

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 Date: 10/15/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		As	Ba	Be	Cd	Co
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0001600
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000400
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0007600
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	-0.0002400
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0043450
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

METALS

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 Date: 10/15/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Cu	K	Mn	Na
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0006260	0.0000000
Antimony	206.80	0.0052580	0.0000000	0.0000000	0.0005020	0.0000000
Arsenic	189.00	0.0013500	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000450	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0024870	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0018230	0.0000000
Lead	220.40	-0.0000630	0.0005840	0.0000000	0.0000830	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0005410	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0002080	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0002530	0.0000000	0.0000000	0.0012590	0.0000000
Vanadium	292.40	-0.0054880	0.0000000	0.0000000	0.0005660	0.0000000
Zinc	206.20	-0.0007410	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

METALS

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 Date: 10/15/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Ni	Pb	Sb	Se	Tl
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	-0.0000860	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	-0.0042890	0.0000540	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	0.0002440	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	-0.0000750	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

METALS

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 Date: 10/15/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	Zn			
Aluminum	308.20	0.1062310	0.0000000			
Antimony	206.80	0.0000000	0.0000000			
Arsenic	189.00	-0.0021950	0.0000000			
Barium	493.40	0.0000000	0.0000000			
Beryllium	313.00	0.0000000	0.0000000			
Cadmium	226.50	0.0000000	0.0000000			
Calcium	317.90	0.0000000	0.0000000			
Chromium	267.70	0.0000000	0.0000000			
Cobalt	228.60	0.0000000	0.0000000			
Copper	324.70	0.0000000	0.0000000			
Iron	271.40	0.0000000	0.0000000			
Lead	220.40	-0.0000740	0.0000000			
Magnesium	279.00	0.0000000	0.0000000			
Manganese	257.60	0.0000000	0.0000000			
Nickel	231.60	0.0000000	0.0000000			
Potassium	766.50	0.0000000	0.0000000			
Selenium	196.00	0.0000000	0.0000000			
Silver	328.00	-0.0056090	0.0000000			
Sodium	588.90	0.0000000	0.0000000			
Thallium	190.90	-0.0351440	0.0000000			
Vanadium	292.40	0.0000000	0.0000000			
Zinc	206.20	0.0000000	0.0000000			

Comments:

METALS

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 Date: 10/15/20

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	Ag
Aluminum	308.20	0.0000000	0.0000000	-0.0000390	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	-0.0001510	0.0000000	-0.0001320	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000800	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000830	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0003990	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0001340	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	-0.0000910	0.0000000	0.0000200	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000150	0.0000000
Nickel	231.60	0.0000000	0.0000000	-0.0000040	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	-0.0001020	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	-0.0000200	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

METALS

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 Date: 10/15/20

Analyte	Wave-length (nm)	Interelement Correction Factors for: As	Ba	Be	Cd	Co
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0001600
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000400
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0007600
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	-0.0002400
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0043450
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

METALS

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 Date: 10/15/20

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Cu	K	Mn	Na
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0006260	0.0000000
Antimony	206.80	0.0052580	0.0000000	0.0000000	0.0005020	0.0000000
Arsenic	189.00	0.0013500	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000450	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0024870	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0018230	0.0000000
Lead	220.40	-0.0000630	0.0005840	0.0000000	0.0000830	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0005410	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0002080	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0002530	0.0000000	0.0000000	0.0012590	0.0000000
Vanadium	292.40	-0.0054880	0.0000000	0.0000000	0.0005660	0.0000000
Zinc	206.20	-0.0007410	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

METALS

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 Date: 10/15/20

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Ni	Pb	Sb	Se	Tl
Aluminum	308.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	-0.0000860	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.70	-0.0042890	0.0000540	0.0000000	0.0000000	0.0000000
Iron	271.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	0.0002440	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.00	-0.0000750	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	588.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

METALS

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP-AES Instrument ID: P4 Date: 10/15/20

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	Zn			
Aluminum	308.20	0.1062310	0.0000000			
Antimony	206.80	0.0000000	0.0000000			
Arsenic	189.00	-0.0021950	0.0000000			
Barium	493.40	0.0000000	0.0000000			
Beryllium	313.00	0.0000000	0.0000000			
Cadmium	226.50	0.0000000	0.0000000			
Calcium	317.90	0.0000000	0.0000000			
Chromium	267.70	0.0000000	0.0000000			
Cobalt	228.60	0.0000000	0.0000000			
Copper	324.70	0.0000000	0.0000000			
Iron	271.40	0.0000000	0.0000000			
Lead	220.40	-0.0000740	0.0000000			
Magnesium	279.00	0.0000000	0.0000000			
Manganese	257.60	0.0000000	0.0000000			
Nickel	231.60	0.0000000	0.0000000			
Potassium	766.50	0.0000000	0.0000000			
Selenium	196.00	0.0000000	0.0000000			
Silver	328.00	-0.0056090	0.0000000			
Sodium	588.90	0.0000000	0.0000000			
Thallium	190.90	-0.0351440	0.0000000			
Vanadium	292.40	0.0000000	0.0000000			
Zinc	206.20	0.0000000	0.0000000			

Comments:

METALS

11-IN

ICP-AES AND ICP-MS LINEAR RANGES (QUARTERLY)

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

ICP Instrument ID: P4 Date: 10/15/2008

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	10.00	450000.0	P
Antimony	10.00	50000.0	P
Arsenic	10.00	50000.0	P
Barium	10.00	50000.0	P
Beryllium	10.00	10000.0	P
Cadmium	10.00	10500.0	P
Calcium	10.00	950000.0	P
Chromium	10.00	50000.0	P
Cobalt	10.00	50000.0	P
Copper	10.00	50000.0	P
Iron	10.00	750000.0	P
Lead	10.00	105000.0	P
Magnesium	10.00	1050000.0	P
Manganese	10.00	50000.0	P
Nickel	10.00	50000.0	P
Potassium	10.00	450000.0	P
Selenium	10.00	50000.0	P
Silver	10.00	50000.0	P
Sodium	10.00	550000.0	P
Thallium	10.00	55000.0	P
Vanadium	10.00	50000.0	P
Zinc	10.00	45000.0	P

Comments:

METALS

12-IN

PREPARATION LOG

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Preparation Method:

EPA Sample No.	Preparation Date	Weight (gram)	Volume(mL)
PB37216BL	10/14/2008		50
PB37216BS	10/14/2008		50
FIELDBLANK	10/14/2008		50
RINSATEBLANK	10/14/2008		50

Comments:

METALS

12-IN

PREPARATION LOG

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Preparation Method:

EPA Sample No.	Preparation Date	Weight (gram)	Volume(mL)
PB37319BL	10/16/2008		100
FIELDBLANK	10/16/2008		100
RINSATEBLANK	10/16/2008		100
PB37319BS	10/16/2008		100

Comments:

METALS

12-IN

PREPARATION LOG

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Preparation Method:

EPA Sample No.	Preparation Date	Weight (gram)	Volume(mL)
PB37217BL	10/14/2008	1.00	100
PB37217BS	10/14/2008	1.00	100
DUP	10/14/2008	1.00	100
SED1	10/14/2008	1.00	100
SED1D	10/14/2008	1.00	100
SED1S	10/14/2008	1.00	100
SED2	10/14/2008	1.00	100
SED3	10/14/2008	1.01	100
SED4	10/14/2008	1.02	100
SED5	10/14/2008	1.00	100
SED6	10/14/2008	1.00	100
SED7	10/14/2008	1.01	100
SED8	10/14/2008	1.00	100

Comments:

METALS

12-IN

PREPARATION LOG

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG NO.: Z4932

Preparation Method:

EPA Sample No.	Preparation Date	Weight (gram)	Volume(mL)
PB37232BL	10/14/2008	0.20	100
PB37232BS	10/14/2008	0.20	100
DUP	10/14/2008	0.20	100
SED1	10/14/2008	0.20	100
SED1S	10/14/2008	0.20	100
SED1D	10/14/2008	0.20	100
SED2	10/14/2008	0.20	100
SED3	10/14/2008	0.20	100
SED4	10/14/2008	0.20	100
SED5	10/14/2008	0.20	100
SED6	10/14/2008	0.20	100
SED7	10/14/2008	0.20	100
SED8	10/14/2008	0.20	100

Comments:

METALS

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

Instrument ID: CV1 Analysis Method: CV

Start Date: 10/16/2008 End Date: 10/16/2008

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
Std01Rep1	1.00	1154															X									
Std02Rep1	1.00	1156															X									
Std03Rep1	1.00	1159															X									
Std04Rep1	1.00	1201															X									
Std05Rep1	1.00	1203															X									
Std06Rep1	1.00	1206															X									
ICV01	1.00	1210															X									
ICB01	1.00	1212															X									
CRI01	1.00	1214															X									
CCV01	1.00	1216															X									
CCB01	1.00	1219															X									
ZZZZZZ	1.00	1221																								
ZZZZZZ	1.00	1223																								
ZZZZZZ	1.00	1225																								
ZZZZZZ	1.00	1228																								
ZZZZZZ	1.00	1231																								
ZZZZZZ	1.00	1233																								
ZZZZZZ	1.00	1235																								
ZZZZZZ	1.00	1237																								
CCV02	1.00	1239															X									
CCB02	1.00	1241															X									
ZZZZZZ	1.00	1243																								
ZZZZZZ	1.00	1245																								
ZZZZZZ	1.00	1247																								
ZZZZZZ	1.00	1249																								
ZZZZZZ	1.00	1251																								
ZZZZZZ	1.00	1253																								
ZZZZZZ	1.00	1255																								
ZZZZZZ	1.00	1258																								
CRI02	1.00	1300															X									
CCV03	1.00	1302															X									
CCB03	1.00	1304															X									
ZZZZZZ	1.00	1307																								
ZZZZZZ	1.00	1309																								
ZZZZZZ	1.00	1312																								

METALS

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

Instrument ID: CV1 Analysis Method: CV

Start Date: 10/16/2008 End Date: 10/16/2008

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1314																								
ZZZZZZ	1.00	1316																								
PB37232BL	1.00	1318															X									
PB37232BS	1.00	1321															X									
ZZZZZZ	1.00	1323																								
CCV04	1.00	1325															X									
CCB04	1.00	1328															X									
ZZZZZZ	1.00	1331																								
ZZZZZZ	1.00	1333																								
ZZZZZZ	1.00	1335																								
ZZZZZZ	1.00	1337																								
ZZZZZZ	1.00	1339																								
ZZZZZZ	1.00	1341																								
ZZZZZZ	1.00	1344																								
DUP	1.00	1346															X									
CRI03	1.00	1348															X									
CCV05	1.00	1350															X									
CCB05	1.00	1352															X									
SED1	1.00	1355															X									
SED1S	1.00	1357															X									
SED1D	1.00	1359															X									
SED2	1.00	1401															X									
SED3	1.00	1403															X									
SED4	1.00	1405															X									
SED5	1.00	1407															X									
SED6	1.00	1409															X									
CCV06	1.00	1412															X									
CCB06	1.00	1414															X									
SED7	1.00	1417															X									
SED8	1.00	1419															X									
ZZZZZZ	1.00	1421																								
CRI04	1.00	1426															X									
CCV07	1.00	1428															X									
CCB07	1.00	1434															X									

METALS

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

Instrument ID: CV1 Analysis Method: CV

Start Date: 10/16/2008 End Date: 10/16/2008

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
Std01Rep1	1.00	1559															X									
Std02Rep1	1.00	1601															X									
Std03Rep1	1.00	1603															X									
Std04Rep1	1.00	1606															X									
Std05Rep1	1.00	1608															X									
Std06Rep1	1.00	1610															X									
ICV01	1.00	1615															X									
ICB01	1.00	1617															X									
CRI01	1.00	1619															X									
CCV01	1.00	1621															X									
CCB01	1.00	1624															X									
PB37319BL	1.00	1626															X									
ZZZZZZ	1.00	1629																								
FIELDBLANK	1.00	1633															X									
RINSATEBLANK	1.00	1635															X									
ZZZZZZ	1.00	1637																								
ZZZZZZ	1.00	1639																								
ZZZZZZ	1.00	1642																								
ZZZZZZ	1.00	1644																								
CCV02	1.00	1646															X									
CCB02	1.00	1649															X									
ZZZZZZ	1.00	1651																								
ZZZZZZ	1.00	1653																								
ZZZZZZ	1.00	1655																								
ZZZZZZ	1.00	1658																								
ZZZZZZ	1.00	1700																								
ZZZZZZ	1.00	1702																								
ZZZZZZ	1.00	1705																								
ZZZZZZ	1.00	1707																								
CRI02	1.00	1710															X									
CCV03	1.00	1712															X									
CCB03	1.00	1714															X									
ZZZZZZ	1.00	1716																								
ZZZZZZ	1.00	1719																								
ZZZZZZ	1.00	1721																								

METALS

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

Instrument ID: CV1 Analysis Method: CV

Start Date: 10/16/2008 End Date: 10/16/2008

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1723																								
ZZZZZZ	1.00	1726																								
ZZZZZZ	1.00	1728																								
ZZZZZZ	1.00	1730																								
ZZZZZZ	1.00	1732																								
CCV04	1.00	1734															X									
CCB04	1.00	1736															X									
ZZZZZZ	1.00	1739																								
ZZZZZZ	1.00	1742																								
ZZZZZZ	1.00	1744																								
PB37319BS	1.00	1747															X									
ZZZZZZ	1.00	1750																								
CRI03	1.00	1752															X									
CCV05	1.00	1756															X									
CCB05	1.00	1759															X									

METALS

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

Instrument ID: P4 Analysis Method: P

Start Date: 10/16/2008 End Date: 10/16/2008

EPA Sample NO.	D/F	Time	Analytes																						
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0639	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S	1.00	0641	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV01	1.00	0701	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB01	1.00	0703	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI01	1.00	0705	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-A01	1.00	0707	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-AB01	1.00	0709	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV01	1.00	0711	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB01	1.00	0713	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0715																								
ZZZZZZ	1.00	0717																								
ZZZZZZ	1.00	0718																								
ZZZZZZ	1.00	0720																								
ZZZZZZ	1.00	0725																								
ZZZZZZ	1.00	0726																								
ZZZZZZ	1.00	0728																								
ZZZZZZ	1.00	0730																								
ZZZZZZ	1.00	0732																								
ZZZZZZ	1.00	0734																								
CCV02	1.00	0736	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB02	1.00	0738	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0739																								
ZZZZZZ	1.00	0741																								
ZZZZZZ	5.00	0743																								
ZZZZZZ	1.00	0745																								
ZZZZZZ	1.00	0747																								
ZZZZZZ	1.00	0749																								
ZZZZZZ	1.00	0750																								
CRI02	1.00	0752	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-A02	1.00	0754	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-AB02	1.00	0756	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV03	1.00	0758	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB03	1.00	0759	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0801																								
ZZZZZZ	1.00	0803																								

METALS

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

Instrument ID: P4 Analysis Method: P

Start Date: 10/16/2008 End Date: 10/16/2008

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	0805																								
ZZZZZZ	1.00	0807																								
ZZZZZZ	1.00	0809																								
ZZZZZZ	1.00	0811																								
ZZZZZZ	1.00	0813																								
ZZZZZZ	1.00	0815																								
ZZZZZZ	1.00	0817																								
ZZZZZZ	1.00	0818																								
CCV04	1.00	0826	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB04	1.00	0828	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0829																								
ZZZZZZ	1.00	0831																								
ZZZZZZ	1.00	0833																								
ZZZZZZ	1.00	0835																								
ZZZZZZ	1.00	0836																								
ZZZZZZ	1.00	0838																								
ZZZZZZ	1.00	0840																								
CRI03	1.00	0842	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-A03	1.00	0844	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-AB03	1.00	0846	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV05	1.00	0848	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB05	1.00	0849	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0851																								
ZZZZZZ	1.00	0853																								
ZZZZZZ	1.00	0855																								
ZZZZZZ	1.00	0857																								
ZZZZZZ	1.00	0859																								
ZZZZZZ	5.00	0900																								
ZZZZZZ	1.00	0902																								
ZZZZZZ	1.00	0904																								
ZZZZZZ	1.00	0906																								
ZZZZZZ	1.00	0908																								
CCV06	1.00	0910	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB06	1.00	0912	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	0914																								

METALS

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

Instrument ID: P4 Analysis Method: P

Start Date: 10/16/2008 End Date: 10/16/2008

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
PB37216BL	1.00	0918	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
PB37216BS	1.00	0920	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
FIELDBLANK	1.00	0922	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
RINSATEBLANK	1.00	0924	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
PB37217BL	1.00	0927	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
PB37217BS	1.00	0929	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI04	1.00	0931	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-A04	1.00	0933	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-AB04	1.00	0935	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV07	1.00	0944	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB07	1.00	0946	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
DUP	1.00	0948	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SED1	1.00	0950	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SED1D	1.00	0952	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SED1L	5.00	0953	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SED1S	1.00	0955	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SED1A	1.00	0958				X																				
SED2	1.00	0959	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SED3	1.00	1001	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SED4	1.00	1003	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SED5	1.00	1005	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV08	1.00	1007	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB08	1.00	1009	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SED6	1.00	1011	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SED7	1.00	1012	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SED8	1.00	1014	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	5.00	1016																								
ZZZZZZ	5.00	1018																								
ZZZZZZ	25.00	1020																								
ZZZZZZ	5.00	1022																								
CRI05	1.00	1055	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-A05	1.00	1057	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-AB05	1.00	1059	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV09	1.00	1102	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB09	1.00	1104	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

METALS

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

Instrument ID: P4 Analysis Method: P

Start Date: 10/16/2008 End Date: 10/16/2008

EPA Sample NO.	D/F	Time	Analytes																						
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1105																								
ZZZZZZ	1.00	1107																								
ZZZZZZ	1.00	1109																								
ZZZZZZ	1.00	1111																								
ZZZZZZ	5.00	1113																								
ZZZZZZ	1.00	1115																								
ZZZZZZ	1.00	1117																								
ZZZZZZ	1.00	1119																								
ZZZZZZ	1.00	1121																								
ZZZZZZ	1.00	1123																								
CCV10	1.00	1125	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB10	1.00	1127	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1129																								
ZZZZZZ	1.00	1131																								
ZZZZZZ	1.00	1133																								
ZZZZZZ	1.00	1135																								
ZZZZZZ	1.00	1137																								
ZZZZZZ	1.00	1139																								
ZZZZZZ	1.00	1141																								
CRI06	1.00	1143	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-A06	1.00	1145	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-AB06	1.00	1147	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV11	1.00	1200	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB11	1.00	1202	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1204																								
ZZZZZZ	1.00	1206																								
ZZZZZZ	1.00	1224																								
ZZZZZZ	1.00	1226																								
ZZZZZZ	1.00	1228																								
ZZZZZZ	1.00	1232																								
ZZZZZZ	1.00	1234																								
ZZZZZZ	1.00	1236																								
ZZZZZZ	1.00	1238																								
CCV12	1.00	1240	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB12	1.00	1242	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

METALS

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: Dewberry

Lab Code: CTECH Case No.: Z4932 NRAS No.: Z4932 SDG No.: Z4932

Instrument ID: P4 Analysis Method: P

Start Date: 10/16/2008 End Date: 10/16/2008

EPA Sample NO.	D/F	Time	Analytes																							
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1254																								
CRI07	1.00	1312	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-A07	1.00	1314	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICS-AB07	1.00	1316	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV13	1.00	1318	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB13	1.00	1320	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

CHEMTECH

METALS
RAW DATA

Sample Name: S0 Acquired: 10/16/2008 06:39:02 Type: Cal
Method: -ILM05.4-(v45) Mode: IR Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-1.7473	-2.0900	1.3400	1.5550	.34000	198.70	120.61	3.5000
Stddev	.7797	.0330	.4714	.0024	.44312	9.26	16.10	.7071
%RSD	44.622	1.5789	35.179	.15158	130.33	4.6619	13.352	20.203
#1	-2.2987	-2.1133	1.0067	1.5567	.02667	192.15	132.00	3.0000
#2	-1.1960	-2.0667	1.6733	1.5533	.65333	205.25	109.23	4.0000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.24333	.67500	2.4000	2.4167	-.76000	1.9250	1.3250	-.43750
Stddev	.00471	1.1314	1.9445	.9664	.84381	.1768	.7071	.68943
%RSD	1.9373	167.61	81.023	39.988	111.03	9.1832	53.367	157.58
#1	.24667	1.4750	3.7750	1.7333	-.16333	2.0500	.82500	-.92500
#2	.24000	-.12500	1.0250	3.1000	-1.3567	1.8000	1.8250	.05000

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-5.0333	1.3625	1646.9	16.700	3.4383	47.062	.54167	31.900
Stddev	.3583	5.8160	40.2	3.253	.4502	6.912	.03064	.566
%RSD	7.1179	426.86	2.4399	19.477	13.093	14.687	5.6569	1.7733
#1	-5.2867	-2.7500	1618.5	14.400	3.1200	42.175	.52000	32.300
#2	-4.7800	5.4750	1675.3	19.000	3.7567	51.950	.56333	31.500

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.9283	8.5400	2.8750	-1.8500	27.45
Stddev	.8320	1.3294	.2899	1.3081	15.59
%RSD	12.009	15.566	10.084	70.711	56.80
#1	6.3400	7.6000	3.0800	-.92500	16.43
#2	7.5167	9.4800	2.6700	-2.7750	38.47

Sample Name: S Acquired: 10/16/2008 06:41:14 Type: Cal
Method: -ILM05.4-(v45) Mode: IR Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6113.5	8060.6	9795.8	5053.5	7303.5	45507.	571280.	31609.
Stddev	8.6	7.3	18.7	9.8	20.6	248.	952.	174.
%RSD	.14118	.09063	.19100	.19422	.28169	.54542	.16658	.55157
#1	6107.4	8055.4	9782.5	5046.5	7289.0	45331.	570600.	31486.
#2	6119.6	8065.8	9809.0	5060.4	7318.0	45682.	571950.	31733.

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	63545.	20190.	19795.	22346.	6543.0	3191.4	23435.	6168.4
Stddev	155.	152.	2.	40.	21.3	20.0	78.	7.2
%RSD	.24380	.75238	.00943	.17819	.32595	.62532	.33485	.11660
#1	63436.	20083.	19796.	22318.	6527.9	3177.2	23380.	6163.4
#2	63655.	20297.	19794.	22374.	6558.1	3205.5	23491.	6173.5

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11598.	49055.	71209.	73618.	25849.	23994.	41332.	51071.
Stddev	22.	100.	291.	262.	35.	22.	61.	12.
%RSD	.18848	.20306	.40892	.35615	.13499	.09213	.14702	.02366
#1	11583.	48985.	71003.	73433.	25825.	24010.	41289.	51079.
#2	11614.	49125.	71415.	73804.	25874.	23979.	41375.	51062.

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2901.2	969.60	12085.	33318.	116600.
Stddev	1.7	12.56	16.	124.	259.
%RSD	.05829	1.2954	.12884	.37290	.2224
#1	2902.4	960.72	12074.	33230.	116400.
#2	2900.0	978.49	12096.	33406.	116800.

Sample Name: ICV Acquired: 10/16/2008 07:01:57 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92410	.97322	.94841	.91558	.93153	2.3424	.52995	.46400
Stddev	.00321	.00109	.00041	.00008	.00013	.0133	.00172	.00042
%RSD	.34786	.11182	.04368	.00922	.01379	.56860	.32460	.09146
#1	.92183	.97246	.94870	.91552	.93162	2.3519	.52873	.46430
#2	.92637	.97399	.94811	.91564	.93144	2.3330	.53116	.46370

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48003	9.7130	.48060	.48180	.49479	4.9345	.49075	5.4165
Stddev	.00005	.0865	.00166	.00004	.00013	.0231	.00324	.0598
%RSD	.01013	.89095	.34460	.00784	.02664	.46747	.66000	1.1036
#1	.48000	9.6518	.47943	.48182	.49489	4.9182	.48846	5.3742
#2	.48007	9.7742	.48177	.48177	.49470	4.9508	.49304	5.4588

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50304	.48414	9.4063	.47595	.95734	9.3267	2.4042	2.3674
Stddev	.00111	.00012	.0050	.00151	.00057	.0093	.0042	.0108
%RSD	.21969	.02527	.05297	.31780	.05945	.09995	.17427	.45440
#1	.50382	.48405	9.4098	.47702	.95774	9.3202	2.4013	2.3750
#2	.50226	.48423	9.4027	.47488	.95693	9.3333	2.4072	2.3598

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F.00044	2.3213	2.3985	2.5236	F.0046
Stddev	.00037	.0183	.0004	.0153	.0004
%RSD	82.797	.78691	.01478	.60565	8.745
#1	.00018	2.3342	2.3983	2.5127	.0043
#2	.00070	2.3084	2.3988	2.5344	.0049

Sample Name: ICB Acquired: 10/16/2008 07:03:42 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.00023	.00031	-.00038	.00152	.00541	-.00013
Stddev	.00149	.00147	.00001	.00050	.00019	.00024	.00033
%RSD	101.23	635.31	3.0826	132.56	12.597	4.5199	248.53
#1	.00042	.00081	.00030	-.00073	.00138	.00524	.00010
#2	.00253	-.00127	.00031	-.00002	.00166	.00559	-.00037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00000	.00648	-.00058	-.00023	.00016	-.00267
Stddev	.00003	.00008	.00347	.00045	.00036	.00029	.00189
%RSD	65.965	2118.8	53.474	77.586	159.26	179.45	70.685
#1	.00002	.00006	.00893	-.00090	.00003	-.00004	-.00400
#2	.00006	-.00005	.00403	-.00026	-.00048	.00037	-.00133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.01560	.00000	.00008	-.41303	-.00005	.00005
Stddev	.00027	.01504	.0002	.00022	.01213	.00062	.00008
%RSD	159.74	96.424	5081.8	286.55	2.9379	1274.8	170.02
#1	-.00002	.02624	-.00012	-.00008	-.42161	.00039	-.00001
#2	.00036	.00496	.00011	.00023	-.40445	-.00049	.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00483	.00049	.01099	-.01602	F-.01441	.00069	.00058
Stddev	.00354	.00007	.00019	.00117	.04054	.00017	.00058
%RSD	73.386	13.826	1.7487	7.2914	281.31	24.373	99.451
#1	.00232	.00044	.01113	-.01685	-.04308	.00081	.00099
#2	.00733	.00053	.01085	-.01519	.01426	.00057	.00017

Sample Name: ICB Acquired: 10/16/2008 07:03:42 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICB Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	.0016
Stddev	.0018
%RSD	108.8
#1	.0029
#2	.0004

Sample Name: CRI Acquired: 10/16/2008 07:05:48 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01245	.02596	.01075	.03785	.06110	.00829	-.00023
Stddev	.00182	.00049	.00020	.00100	.00182	.00012	.00042
%RSD	14.613	1.8786	1.8241	2.6411	2.9793	1.4098	181.33
#1	.01373	.02630	.01089	.03715	.05981	.00837	-.00053
#2	.01116	.02561	.01061	.03856	.06238	.00821	.00007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00533	.00548	.01785	.01054	.05499	.02822	.10957
Stddev	.00011	.00005	.01641	.00031	.00010	.00016	.00488
%RSD	2.0496	.88690	91.971	2.9186	.18432	.55783	4.4552
#1	.00525	.00544	.00624	.01032	.05506	.02811	.10612
#2	.00541	.00551	.02945	.01075	.05492	.02833	.11302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01631	-.00790	.04348	.01076	-.42976	.05184	.06488
Stddev	.00012	.00158	.00002	.00014	.00794	.00058	.00026
%RSD	.76329	19.944	.04366	1.2728	1.8479	1.1215	.40058
#1	.01622	-.00902	.04349	.01067	-.43537	.05143	.06506
#2	.01639	-.00679	.04347	.01086	-.42414	.05225	.06469

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00298	1.0560	1.0561	F-.01703	F.99889	F1.0659	F1.0906
Stddev	.03156	.0012	.0092	.00194	.01118	.0014	.0044
%RSD	1060.7	.11704	.86693	11.368	1.1196	.13418	.40328
#1	.01934	1.0569	1.0496	-.01566	1.0068	1.0649	1.0875
#2	-.02529	1.0551	1.0626	-.01839	.99098	1.0669	1.0937

Sample Name: CRI Acquired: 10/16/2008 07:05:48 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	F.0020
Stddev	.0005
%RSD	25.08
#1	.0023
#2	.0016

Sample Name: ICSA Acquired: 10/16/2008 07:07:39 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00942	.00115	.01010	-.00336	.00416	228.70	.00224	.00060
Stddev	.00214	.00081	.00079	.00013	.00220	1.39	.00001	.00000
%RSD	22.710	70.385	7.8371	3.8131	52.799	.60564	.56469	.65518
#1	.00790	.00172	.01066	-.00327	.00261	227.72	.00225	.00060
#2	.01093	.00058	.00954	-.00345	.00571	229.68	.00223	.00060

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	241.75	.03998	.00358	.02924	94.019	.01928	245.52
Stddev	.00008	1.16	.00032	.00043	.00021	.284	.00082	1.23
%RSD	5.2518	.47937	.80414	12.001	.72894	.30188	4.2364	.49978
#1	.00157	240.93	.03976	.00388	.02939	93.819	.01871	244.66
#2	.00146	242.57	.04021	.00327	.02909	94.220	.01986	246.39

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01834	-.00066	.50632	.00171	.02784	.02236	.00019	.00155
Stddev	.00007	.00001	.00935	.00033	.00008	.00881	.00032	.00029
%RSD	.37726	1.6144	1.8468	19.071	.27261	39.422	169.17	18.971
#1	.01839	-.00065	.49971	.00194	.02789	.01613	-.00004	.00176
#2	.01829	-.00066	.51293	.00148	.02778	.02859	.00042	.00134

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05055	-.01552	.00399	-.00537	.0084
Stddev	.00222	.02187	.00015	.00096	.0009
%RSD	4.3943	140.89	3.7680	17.859	11.07
#1	.05212	-.00006	.00409	-.00604	.0091
#2	.04898	-.03098	.00388	-.00469	.0078

Sample Name: ICSAB Acquired: 10/16/2008 07:09:56 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09999	.09266	.05613	.05124	.57906	231.89	.53041	.47784
Stddev	.00305	.00061	.00122	.00087	.00298	.11	.00090	.00154
%RSD	3.0517	.66244	2.1661	1.7075	.51458	.04708	.17005	.32124
#1	.10215	.09310	.05527	.05062	.58117	231.81	.53105	.47675
#2	.09783	.09223	.05699	.05186	.57695	231.96	.52977	.47892

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89314	245.09	.50082	.45039	.48357	95.479	.50873	250.87
Stddev	.00105	.66	.00115	.00006	.00021	.113	.00110	.02
%RSD	.11758	.27092	.23028	.01357	.04328	.11843	.21575	.00934
#1	.89240	244.62	.50164	.45043	.48371	95.399	.50795	250.86
#2	.89389	245.56	.50001	.45034	.48342	95.559	.50950	250.89

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93920	.20268	.47188	.46640	.89430	.01730	.00039	-.00410
Stddev	.00244	.00038	.00087	.00055	.00119	.03244	.00035	.00016
%RSD	.25991	.18580	.18381	.11838	.13312	187.45	90.677	3.8022
#1	.93747	.20242	.47249	.46601	.89514	.04024	.00063	-.00399
#2	.94093	.20295	.47127	.46679	.89346	-.00563	.00014	-.00421

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05223	.00275	.00246	-.00403	F.0076
Stddev	.00047	.02088	.00047	.00037	.0013
%RSD	.89563	758.94	18.985	9.0858	16.50
#1	.05190	-.01201	.00213	-.00377	.0085
#2	.05256	.01751	.00280	-.00429	.0067

Sample Name: CCV Acquired: 10/16/2008 07:11:36 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCV Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9776	5.0012	4.9575	4.9524	5.0386	10.022	10.781	.25338	2.4869
Stddev	.0001	.0173	.0077	.0054	.0020	.057	.123	.00015	.0042
%RSD	.00165	.34598	.15623	.10880	.03889	.57161	1.1406	.05998	.16683
#1	4.9775	5.0134	4.9630	4.9486	5.0400	10.063	10.868	.25327	2.4898
#2	4.9776	4.9889	4.9520	4.9562	5.0372	9.9815	10.694	.25349	2.4840

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.823	1.0035	2.4946	1.2707	5.2091	2.6156	24.546	2.5221	1.2786
Stddev	.414	.0036	.0036	.0003	.0460	.0292	.086	.0013	.0072
%RSD	1.6049	.36004	.14609	.02244	.88311	1.1161	.35063	.05330	.56206
#1	25.530	1.0060	2.4971	1.2709	5.1766	2.5949	24.485	2.5231	1.2837
#2	26.116	1.0009	2.4920	1.2705	5.2416	2.6362	24.607	2.5212	1.2735

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.696	2.4759	2.4487	25.768	4.9576	4.9651	4.8731	4.9737	4.9638
Stddev	.395	.0064	.0073	.240	.0129	.0187	.0004	.0242	.0106
%RSD	1.5371	.25842	.30022	.93202	.26055	.37768	.00902	.48562	.21246
#1	25.417	2.4804	2.4539	25.598	4.9667	4.9784	4.8734	4.9908	4.9713
#2	25.976	2.4714	2.4435	25.937	4.9484	4.9519	4.8728	4.9566	4.9563

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	5.2569	5.216
Stddev	.0653	.054
%RSD	1.2429	1.028
#1	5.2107	5.178
#2	5.3031	5.254

Sample Name: CCB Acquired: 10/16/2008 07:13:41 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00166	.00060	.00029	.00052	.00084	.00766	-.00028
Stddev	.00017	.00026	.00043	.00097	.00191	.00032	.00040
%RSD	9.9997	43.719	147.32	185.24	227.39	4.1256	139.90
#1	.00177	.00041	.00059	.00121	-.00051	.00788	.00000
#2	.00154	.00078	-.00001	-.00016	.00219	.00743	-.00057

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00006	.01411	-.00033	-.00013	.00021	-.00628
Stddev	.00002	.00010	.00092	.00017	.00009	.00019	.00033
%RSD	240.57	155.03	6.5141	49.675	67.647	90.751	5.2995
#1	.00002	.00001	.01476	-.00045	-.00020	.00008	-.00604
#2	.00000	-.00013	.01346	-.00022	-.00007	.00035	-.00651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	-.01489	-.00045	-.00014	-.52311	-.00018	.00005
Stddev	.00016	.01863	.00006	.00023	.01112	.00021	.00008
%RSD	37.208	125.07	13.638	160.14	2.1254	113.49	168.83
#1	-.00031	-.02806	-.00040	-.00030	-.51525	-.00004	.00011
#2	-.00054	-.00172	-.00049	.00002	-.53097	-.00033	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02380	.00069	.02823	-.01780	F-.02856	.00075	.00107
Stddev	.01000	.00024	.00348	.00105	.01464	.00014	.00069
%RSD	42.023	35.438	12.334	5.8738	51.262	18.977	64.735
#1	-.01673	.00086	.03069	-.01854	-.01821	.00085	.00155
#2	-.03088	.00051	.02577	-.01706	-.03892	.00065	.00058

Sample Name: CCB Acquired: 10/16/2008 07:13:41 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	.0037
Stddev	.0004
%RSD	12.20
#1	.0034
#2	.0040

Sample Name: PB37168BL Acquired: 10/16/2008 07:15:20 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	.00083	.00092	-.00140	.00141	.00422	-.00043
Stddev	.00026	.00031	.00034	.00114	.00157	.00067	.00017
%RSD	28.071	37.840	36.691	81.741	111.00	15.766	40.488
#1	.00074	.00105	.00068	-.00059	.00252	.00469	-.00031
#2	.00111	.00061	.00116	-.00221	.00030	.00375	-.00055

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00009	.01150	-.00040	.00002	.00024	-.00408
Stddev	.00000	.00000	.01274	.00012	.00005	.00025	.00366
%RSD	2.2399	3.2776	110.75	30.084	205.67	104.42	89.772
#1	-.00003	-.00010	.02051	-.00032	-.00001	.00006	-.00149
#2	-.00003	-.00009	.00249	-.00049	.00006	.00042	-.00667

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	-.00375	.00013	.00002	-.55538	-.00027	.00009
Stddev	.00020	.00201	.00018	.00002	.00429	.00010	.00022
%RSD	51.599	53.511	135.61	87.543	.77331	35.722	235.87
#1	-.00054	-.00517	.00026	.00004	-.55841	-.00033	-.00006
#2	-.00025	-.00233	.00001	.00001	-.55234	-.00020	.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02673	.00028	.00971	-.01748	F-.02227	.00009	.00023
Stddev	.00934	.00005	.00053	.00147	.00795	.00042	.00025
%RSD	34.941	16.650	5.5018	8.3964	35.686	455.93	108.96
#1	-.02012	.00024	.01009	-.01852	-.02789	.00039	.00041
#2	-.03333	.00031	.00933	-.01645	-.01665	-.00021	.00005

Sample Name: PB37168BL Acquired: 10/16/2008 07:15:20 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	.0030
Stddev	.0008
%RSD	26.81
#1	.0035
#2	.0024

Sample Name: PB37168BS Acquired: 10/16/2008 07:17:08 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97503	1.0020	.97554	.99967	1.0373	2.5638	.58627	.49633
Stddev	.00008	.0009	.00071	.00118	.0004	.0031	.00103	.00150
%RSD	.00770	.08973	.07328	.11830	.03528	.11929	.17634	.30169
#1	.97498	1.0026	.97503	1.0005	1.0376	2.5660	.58554	.49739
#2	.97508	1.0013	.97604	.99883	1.0371	2.5616	.58700	.49527

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49053	10.211	.49649	.49049	.50680	5.2509	.52182	5.5953
Stddev	.00025	.043	.00038	.00057	.00080	.0190	.00129	.0328
%RSD	.05070	.41961	.07643	.11668	.15723	.36230	.24626	.58553
#1	.49071	10.181	.49676	.49008	.50624	5.2644	.52091	5.5721
#2	.49036	10.242	.49622	.49089	.50737	5.2375	.52272	5.6185

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50212	.51716	10.577	.49166	.96435	10.587	-.00002	.00559
Stddev	.00089	.00102	.029	.00199	.00165	.035	.00001	.00080
%RSD	.17660	.19733	.27579	.40446	.17161	.33111	41.518	14.386
#1	.50150	.51644	10.557	.49307	.96552	10.562	-.00001	.00502
#2	.50275	.51788	10.598	.49026	.96318	10.612	-.00002	.00615

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00337	.05405	-.00108	F.00023	F.0024
Stddev	.00017	.03963	.00039	.00107	.0018
%RSD	4.9281	73.319	35.785	459.58	73.38
#1	.00326	.02603	-.00135	.00099	.0012
#2	.00349	.08207	-.00081	-.00052	.0037

Sample Name: Z4920-01 Acquired: 10/16/2008 07:18:53 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	.00036	.00095	.00009	.00087	.02066	-.00010	.00000
Stddev	.00107	.00091	.00017	.00019	.00011	.00528	.00016	.0000
%RSD	100.81	253.13	18.009	220.41	12.509	25.539	156.47	355.73
#1	.00030	.00100	.00107	.00022	.00080	.02439	.00001	.00001
#2	.00181	-.00028	.00083	-.00005	.00095	.01693	-.00022	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.05511	-.00006	-.00017	.00060	.00902	.00061	-.00851
Stddev	.00005	.00876	.00012	.00008	.00008	.00022	.00031	.00186
%RSD	74.151	15.896	199.76	45.285	13.600	2.4658	51.694	21.887
#1	-.00003	.04891	-.00015	-.00022	.00054	.00886	.00083	-.00719
#2	-.00009	.06130	.00003	-.00011	.00066	.00918	.00038	-.00983

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00017	-.56383	-.00014	.00783	.01047	.00026	.00343
Stddev	.00037	.00030	.00830	.00029	.00018	.01093	.00011	.00006
%RSD	590.61	178.65	1.4716	200.99	2.2649	104.39	44.097	1.8205
#1	-.00033	.00004	-.55796	.00006	.00771	.01819	.00034	.00348
#2	.00020	-.00038	-.56970	-.00035	.00796	.00274	.00018	.00339

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00400	.05962	-.00147	.00038	.0015
Stddev	.00088	.01486	.00019	.00028	.0014
%RSD	21.907	24.928	12.772	74.211	89.94
#1	.00462	.04911	-.00133	.00018	.0025
#2	.00338	.07013	-.00160	.00058	.0006

Sample Name: PB37169BL Acquired: 10/16/2008 07:20:36 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	.00026	.00000	-.00081	.00035	.00542	-.00018
Stddev	.00085	.00030	.0002	.00112	.00035	.00017	.00008
%RSD	60.087	116.33	17340.	138.57	100.29	3.1958	47.490
#1	.00081	.00047	-.00015	-.00161	.00060	.00555	-.00024
#2	.00201	.00005	.00014	-.00002	.00010	.00530	-.00012

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00007	-.00409	-.00038	.00003	.00025	-.00031
Stddev	.00008	.00003	.00648	.00026	.00010	.00009	.00233
%RSD	154.91	39.596	158.45	67.160	319.83	35.327	742.34
#1	-.00010	-.00009	-.00867	-.00056	-.00004	.00032	-.00196
#2	.00000	-.00005	.00049	-.00020	.00011	.00019	.00133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00071	-.00019	.00018	-.61863	-.00011	-.00003
Stddev	.00026	.00917	.00023	.00010	.00701	.00014	.00009
%RSD	4942.5	1293.0	118.21	56.615	1.1338	127.36	279.78
#1	-.00019	.00719	-.00003	.00011	-.61367	-.00021	.00003
#2	.00018	-.00577	-.00035	.00025	-.62359	-.00001	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01080	.00012	.00177	-.01663	F-.02190	.00003	.00065
Stddev	.01842	.00009	.00016	.00229	.04437	.00026	.00051
%RSD	170.46	73.637	8.9615	13.757	202.56	940.45	78.026
#1	.00222	.00006	.00188	-.01825	.00947	-.00016	.00029
#2	-.02383	.00018	.00165	-.01501	-.05327	.00021	.00101

Sample Name: PB37169BL Acquired: 10/16/2008 07:20:36 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	.0008
Stddev	.0000
%RSD	1.274
#1	.0008
#2	.0008

Sample Name: PB37169BS Acquired: 10/16/2008 07:25:06 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2028	.08577	.48862	.08306	.68984	1.0664	.01585	.04547
Stddev	.0022	.00013	.00090	.00057	.00093	.0070	.00006	.00015
%RSD	.09749	.14735	.18471	.68394	.13440	.65259	.39310	.32541
#1	2.2043	.08586	.48798	.08266	.69049	1.0615	.01589	.04537
#2	2.2013	.08568	.48925	.08347	.68918	1.0713	.01581	.04558

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09345	444.63	.24578	.33545	14.758	63.541	.57679	268.22
Stddev	.00001	.50	.00189	.00028	.003	.131	.00014	1.02
%RSD	.00605	.11174	.76973	.08489	.02051	.20610	.02423	.38185
#1	.09346	444.27	.24444	.33565	14.760	63.448	.57689	267.50
#2	.09345	444.98	.24712	.33525	14.756	63.633	.57669	268.95

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13961	.05704	.34038	.15496	.38510	.20451	.11969	.00896
Stddev	.00002	.00027	.02408	.00079	.00025	.02594	.00021	.00007
%RSD	.01225	.47957	7.0736	.51055	.06427	12.684	.17252	.80583
#1	.13960	.05684	.35740	.15440	.38492	.22285	.11983	.00901
#2	.13962	.05723	.32335	.15552	.38527	.18616	.11954	.00891

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F.52965	1.6609	F.01344	F.04197	F.0059
Stddev	.00308	.0230	.00055	.00086	.0011
%RSD	.58225	1.3850	4.1146	2.0517	19.00
#1	.52747	1.6447	.01304	.04258	.0067
#2	.53184	1.6772	.01383	.04136	.0052

Sample Name: Z4920-03 Acquired: 10/16/2008 07:26:43 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02005	.00281	.15029	-.00472	.00465	117.28	.90610	.00383
Stddev	.00032	.00070	.00016	.00177	.00086	.21	.00358	.00010
%RSD	1.6171	24.844	.10409	37.546	18.522	.17780	.39502	2.5012
#1	.01982	.00232	.15040	-.00598	.00404	117.13	.90863	.00390
#2	.02027	.00330	.15018	-.00347	.00525	117.43	.90357	.00377

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00259	58.801	.16357	.07424	.18248	179.06	2.8664	59.288
Stddev	.00003	.231	.00021	.00006	.00015	.24	.0022	.036
%RSD	1.1847	.39214	.12721	.08528	.08319	.13168	.07566	.06142
#1	.00257	58.964	.16371	.07428	.18238	179.23	2.8679	59.313
#2	.00262	58.638	.16342	.07420	.18259	178.89	2.8649	59.262

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10968	-.00178	3.3450	.27699	.45455	21.788	.00177	.00966
Stddev	.00033	.00002	.0281	.00007	.00027	.076	.00013	.00013
%RSD	.30283	1.1764	.84113	.02518	.05984	.34758	7.6217	1.3423
#1	.10945	-.00180	3.3649	.27694	.45436	21.841	.00186	.00957
#2	.10992	-.00177	3.3251	.27704	.45475	21.734	.00167	.00975

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.0558	1.5920	.00003	8.3230	.1527
Stddev	.0047	.0370	.00008	.0411	.0016
%RSD	.22874	2.3235	269.37	.49372	1.057
#1	2.0525	1.6182	.00008	8.3520	.1539
#2	2.0591	1.5658	-.00003	8.2939	.1516

Sample Name: Z4920-04 Acquired: 10/16/2008 07:28:49 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01255	.00030	4.0566	-.00215	.00830	80.497	.60859	.00217
Stddev	.00059	.00068	.0016	.00065	.00011	.105	.00001	.00003
%RSD	4.6956	224.09	.03932	30.278	1.3719	.13030	.00132	1.1643
#1	.01297	-.00018	4.0555	-.00169	.00838	80.571	.60859	.00215
#2	.01213	.00079	4.0577	-.00261	.00822	80.422	.60860	.00219

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00609	138.93	.13424	.05497	.21364	141.90	2.5407	92.890
Stddev	.00005	.51	.00078	.00008	.00032	.22	.0061	.271
%RSD	.85947	.36951	.58438	.15445	.15017	.15162	.23929	.29215
#1	.00613	139.29	.13368	.05491	.21342	142.05	2.5450	93.082
#2	.00606	138.57	.13479	.05503	.21387	141.75	2.5364	92.698

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08808	-.00105	1.0021	.21501	.88976	16.247	.00360	.02727
Stddev	.00007	.00016	.0064	.00085	.00061	.015	.00000	.00082
%RSD	.07863	15.049	.64305	.39465	.06819	.09268	.06337	3.0077
#1	.08812	-.00094	1.0067	.21441	.88933	16.258	.00359	.02785
#2	.08803	-.00116	.99757	.21561	.89019	16.237	.00360	.02669

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.3030	2.3558	.00970	5.3608	.1249
Stddev	.0043	.0226	.00115	.0088	.0012
%RSD	.18866	.96091	11.828	.16389	.9464
#1	2.3061	2.3718	.01052	5.3670	.1240
#2	2.2999	2.3398	.00889	5.3545	.1257

Sample Name: Z4920-05 Acquired: 10/16/2008 07:30:33 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01463	.00267	.25408	-.00182	.00449	84.850	.70160	.00214
Stddev	.00050	.00069	.00062	.00145	.00034	.014	.00280	.00005
%RSD	3.3839	25.972	.24336	79.363	7.4818	.01651	.39969	2.1330
#1	.01428	.00218	.25452	-.00080	.00425	84.860	.69962	.00211
#2	.01498	.00315	.25364	-.00284	.00472	84.840	.70358	.00217

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00306	341.40	.12087	.05758	.13917	139.89	2.7424	202.50
Stddev	.00014	.17	.00129	.00003	.00018	.19	.0049	.27
%RSD	4.5342	.04902	1.0704	.04972	.12839	.13310	.17833	.13214
#1	.00296	341.28	.11996	.05760	.13904	139.76	2.7390	202.31
#2	.00316	341.51	.12179	.05756	.13930	140.03	2.7459	202.69

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08524	-.00155	1.0458	.21263	.40130	20.215	.00208	.01560
Stddev	.00011	.00011	.0170	.00104	.00049	.001	.00011	.00058
%RSD	.12649	7.3184	1.6254	.48936	.12258	.00394	5.2875	3.7348
#1	.08532	-.00147	1.0578	.21190	.40095	20.216	.00216	.01601
#2	.08517	-.00163	1.0338	.21337	.40164	20.214	.00200	.01519

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.2860	1.7381	.00288	6.1042	.1317
Stddev	.0018	.0072	.00009	.0127	.0010
%RSD	.13998	.41326	3.0479	.20825	.7403
#1	1.2872	1.7330	.00282	6.0952	.1310
#2	1.2847	1.7432	.00294	6.1132	.1324

Sample Name: Z4920-06 Acquired: 10/16/2008 07:32:18 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02021	.00021	36.849	-.00149	.23937	58.481	.35836	.00202
Stddev	.00123	.00027	.025	.00038	.00190	.060	.00063	.00001
%RSD	6.0992	128.22	.06785	25.820	.79574	.10302	.17522	.67514
#1	.02108	.00041	36.866	-.00122	.24072	58.438	.35880	.00203
#2	.01934	.00002	36.831	-.00176	.23803	58.523	.35791	.00201

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00255	597.81	.07019	.04008	.71545	108.81	2.0595	368.66
Stddev	.00004	1.19	.00038	.00027	.00176	.04	.0047	.04
%RSD	1.4884	.19882	.54816	.66248	.24541	.03276	.22687	.01159
#1	.00258	596.97	.07046	.03989	.71420	108.78	2.0628	368.69
#2	.00253	598.65	.06992	.04026	.71669	108.83	2.0562	368.63

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05986	.00000	1.3391	.18474	.43277	12.391	.00301	.00811
Stddev	.00095	.0001	.0061	.00081	.00094	.014	.00000	.00007
%RSD	1.5896	34516.	.45713	.43973	.21732	.11558	.11022	.84459
#1	.06053	.00006	1.3347	.18417	.43344	12.401	.00301	.00816
#2	.05919	-.00006	1.3434	.18532	.43211	12.380	.00301	.00807

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.4620	1.9740	.03867	5.1751	.1172
Stddev	.0101	.0018	.00014	.0092	.0008
%RSD	.29303	.09294	.35322	.17751	.6982
#1	3.4692	1.9727	.03857	5.1816	.1166
#2	3.4548	1.9752	.03877	5.1686	.1178

Sample Name: Z4920-07 Acquired: 10/16/2008 07:34:02 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01276	.00023	.28118	-.00217	.00674	139.81	1.1124	.00361
Stddev	.00145	.00290	.00082	.00028	.00105	.69	.0027	.00016
%RSD	11.342	1254.0	.29273	12.836	15.587	.49620	.23928	4.4503
#1	.01378	-.00182	.28060	-.00237	.00748	139.32	1.1143	.00373
#2	.01174	.00228	.28176	-.00198	.00600	140.30	1.1105	.00350

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00378	32.624	.17686	.07940	8.5991	179.14	2.3762	45.007
Stddev	.00012	.080	.00066	.00015	.0030	.00	.0022	.039
%RSD	3.2211	.24381	.37053	.18981	.03490	.00173	.09398	.08694
#1	.00370	32.680	.17640	.07951	8.6012	179.15	2.3778	45.034
#2	.00387	32.568	.17733	.07930	8.5970	179.14	2.3746	44.979

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10841	-.00164	.65952	.29778	1.4827	26.719	.00196	-.00070
Stddev	.00077	.00013	.00521	.00187	.0034	.180	.00001	.00085
%RSD	.71477	7.9606	.78969	.62902	.23242	.67481	.59427	120.96
#1	.10786	-.00155	.66321	.29910	1.4851	26.847	.00196	-.00010
#2	.10896	-.00173	.65584	.29645	1.4802	26.592	.00197	-.00130

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.6332	1.8902	.00286	10.246	.1473
Stddev	.0021	.0384	.00039	.028	.0006
%RSD	.12620	2.0287	13.449	.27717	.3911
#1	1.6347	1.8630	.00259	10.266	.1469
#2	1.6318	1.9173	.00314	10.226	.1477

Sample Name: CCV Acquired: 10/16/2008 07:36:11 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCV Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9184	4.8929	4.8460	4.8555	4.9869	10.139	10.931	.25223	2.4260
Stddev	.0006	.0029	.0055	.0119	.0000	.046	.180	.00019	.0042
%RSD	.01231	.05938	.11322	.24472	.00081	.45724	1.6469	.07400	.17434
#1	4.9180	4.8950	4.8499	4.8639	4.9868	10.172	10.803	.25236	2.4290
#2	4.9188	4.8909	4.8421	4.8471	4.9869	10.107	11.058	.25210	2.4230

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.863	.98332	2.4512	1.2556	5.1762	2.6219	24.057	2.4900	1.2759
Stddev	.077	.00167	.0032	.0008	.0206	.0029	.018	.0040	.0016
%RSD	.29703	.16966	.12871	.06800	.39873	.10958	.07487	.16023	.12217
#1	25.917	.98450	2.4534	1.2550	5.1908	2.6239	24.070	2.4928	1.2748
#2	25.808	.98214	2.4489	1.2562	5.1616	2.6198	24.044	2.4871	1.2770

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.926	2.4691	2.3686	25.968	4.8440	4.8879	4.7400	4.8212	4.8800
Stddev	.050	.0056	.0089	.015	.0065	.0126	.0250	.0359	.0060
%RSD	.19338	.22538	.37664	.05929	.13379	.25707	.52811	.74419	.12198
#1	25.961	2.4731	2.3750	25.957	4.8485	4.8968	4.7577	4.8466	4.8842
#2	25.890	2.4652	2.3623	25.979	4.8394	4.8790	4.7223	4.7958	4.8758

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	5.3081	5.287
Stddev	.0031	.012
%RSD	.05868	.2307
#1	5.3103	5.295
#2	5.3059	5.278

Sample Name: CCB Acquired: 10/16/2008 07:38:04 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00155	.00055	.00128	.00091	.00068	.01009	-.00033
Stddev	.00007	.00055	.00002	.00042	.00059	.00074	.00001
%RSD	4.8296	101.61	1.2908	45.902	87.626	7.3444	2.4190
#1	.00160	.00015	.00130	.00121	.00026	.00956	-.00033
#2	.00150	.00094	.00127	.00062	.00110	.01061	-.00034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00005	.00311	-.00027	-.00009	.00031	-.00541
Stddev	.00000	.00008	.00325	.00013	.00026	.00020	.00422
%RSD	31.017	168.99	104.54	48.540	293.72	65.132	77.902
#1	-.00001	-.00001	.00541	-.00036	.00009	.00046	-.00839
#2	-.00001	.00010	.00081	-.00018	-.00027	.00017	-.00243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	.00648	-.00014	.00013	-.75429	-.00015	.00021
Stddev	.00036	.00702	.00019	.00021	.00835	.00005	.00002
%RSD	147.55	108.28	129.78	156.46	1.1067	35.823	10.491
#1	.00001	.00152	-.00028	-.00001	-.74839	-.00011	.00020
#2	-.00050	.01145	-.00001	.00028	-.76019	-.00019	.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03351	.00059	.02072	-.01574	F-.03408	.00016	.00012
Stddev	.00114	.00011	.00261	.00058	.00699	.00023	.00105
%RSD	3.4144	18.248	12.615	3.6698	20.511	147.62	898.71
#1	-.03270	.00051	.02257	-.01615	-.03902	.00032	-.00062
#2	-.03432	.00066	.01887	-.01533	-.02913	-.00001	.00086

Sample Name: CCB Acquired: 10/16/2008 07:38:04 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	.0036
Stddev	.0005
%RSD	12.59
#1	.0033
#2	.0039

Sample Name: Z4920-08 Acquired: 10/16/2008 07:39:48 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07529	.00471	8.6981	-.05373	.14750	83.748	1.5010	.00188
Stddev	.00237	.00154	.0245	.00050	.00129	.188	.0031	.00006
%RSD	3.1490	32.566	.28151	.92663	.87559	.22423	.20834	3.2792
#1	.07697	.00363	8.6808	-.05337	.14658	83.615	1.5032	.00184
#2	.07362	.00580	8.7154	-.05408	.14841	83.881	1.4987	.00193

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40684	51.563	.44938	.09877	14.936	F1021.5	5.1850	38.245
Stddev	.00043	.041	.00170	.00033	.050	2.8	.0035	.105
%RSD	.10568	.07892	.37821	.33386	.33423	.27132	.06671	.27404
#1	.40654	51.592	.44818	.09854	14.901	1019.5	5.1825	38.171
#2	.40715	51.535	.45058	.09901	14.972	1023.5	5.1874	38.320

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43284	-.00599	.43212	.22455	7.6934	8.2085	.06677	-.07528
Stddev	.00213	.00006	.00570	.00087	.0214	.0314	.00028	.00074
%RSD	.49310	1.0441	1.3200	.38953	.27813	.38261	.41491	.98094
#1	.43133	-.00604	.42809	.22393	7.6783	8.2307	.06658	-.07580
#2	.43435	-.00595	.43616	.22516	7.7086	8.1863	.06697	-.07476

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.2988	3.2022	.20402	4.7471	.0983
Stddev	.0121	.0034	.00107	.0064	.0007
%RSD	.36520	.10481	.52553	.13527	.7032
#1	3.3073	3.1998	.20326	4.7425	.0987
#2	3.2903	3.2045	.20477	4.7516	.0978

Sample Name: Z4920-10 Acquired: 10/16/2008 07:41:45 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08002	.00441	8.7398	-.05312	.15040	83.775	1.5076	.00177
Stddev	.00086	.00068	.0087	.00011	.00289	.350	.0001	.00015
%RSD	1.0784	15.487	.10006	.21197	1.9189	.41741	.00315	8.4580
#1	.08063	.00490	8.7336	-.05304	.14836	84.022	1.5076	.00188
#2	.07941	.00393	8.7460	-.05320	.15244	83.527	1.5076	.00167

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40806	52.050	.45283	.09965	14.977	F1034.5	5.2281	38.817
Stddev	.00048	.018	.00044	.00034	.027	7.8	.0084	.008
%RSD	.11684	.03483	.09704	.34122	.17901	.75576	.16152	.01986
#1	.40840	52.037	.45314	.09941	14.958	1028.9	5.2222	38.811
#2	.40773	52.063	.45252	.09989	14.996	1040.0	5.2341	38.822

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43458	-.00588	.42190	.22497	7.7356	8.2609	.06732	-.07569
Stddev	.00037	.00012	.00751	.00039	.0024	.0227	.00013	.00370
%RSD	.08627	2.1101	1.7792	.17456	.03062	.27419	.18706	4.8852
#1	.43484	-.00597	.41659	.22524	7.7339	8.2769	.06741	-.07830
#2	.43431	-.00579	.42720	.22469	7.7372	8.2449	.06723	-.07307

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.3168	3.2528	.20511	4.7734	.0973
Stddev	.0101	.0092	.00015	.0019	.0008
%RSD	.30488	.28392	.07220	.04064	.8649
#1	3.3097	3.2594	.20501	4.7721	.0979
#2	3.3240	3.2463	.20522	4.7748	.0967

Sample Name: Z4920-08L Acquired: 10/16/2008 07:43:40 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01966	-.00012	1.9258	-.00648	.03172	15.871	.28658	.00032
Stddev	.00050	.00122	.0021	.00032	.00151	.106	.00137	.00012
%RSD	2.5358	1019.0	.10687	4.8837	4.7723	.66863	.47717	36.737
#1	.01931	.00075	1.9243	-.00670	.03065	15.796	.28562	.00040
#2	.02002	-.00099	1.9272	-.00625	.03279	15.946	.28755	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08624	10.509	.09372	.02092	3.2463	228.84	1.0678	7.7077
Stddev	.00023	.023	.00082	.00006	.0022	.06	.0076	.0240
%RSD	.26879	.22223	.87251	.27835	.06736	.02681	.71684	.31135
#1	.08608	10.493	.09314	.02097	3.2447	228.80	1.0624	7.6907
#2	.08641	10.526	.09429	.02088	3.2478	228.89	1.0733	7.7247

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08971	-.00105	-.53670	.04491	1.7771	1.4236	.01375	-.00778
Stddev	.00044	.00005	.00282	.00027	.0019	.0181	.00005	.00052
%RSD	.48956	4.5466	.52609	.60980	.10479	1.2713	.39724	6.7156
#1	.08940	-.00109	-.53870	.04472	1.7785	1.4108	.01371	-.00741
#2	.09002	-.00102	-.53470	.04510	1.7758	1.4364	.01378	-.00815

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.71822	.66159	.04629	.94389	.0221
Stddev	.00156	.01271	.00002	.00104	.0007
%RSD	.21737	1.9217	.05302	.11053	3.167
#1	.71712	.67058	.04628	.94315	.0216
#2	.71933	.65260	.04631	.94463	.0226

Sample Name: Z4920-09 Acquired: 10/16/2008 07:45:25 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15723	.09969	8.6099	.04059	.35796	87.129	6.5674	.10426
Stddev	.00204	.00134	.0069	.00132	.00254	.286	.0446	.00011
%RSD	1.2976	1.3429	.07977	3.2445	.71063	.32856	.67868	.10461
#1	.15579	.10063	8.6050	.03966	.35617	87.331	6.5359	.10418
#2	.15867	.09874	8.6147	.04153	.35976	86.926	6.5989	.10434

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49616	50.619	.86314	1.0978	15.196	F1014.1	6.1661	37.662
Stddev	.00040	.178	.00094	.0013	.009	10.5	.0009	.020
%RSD	.08112	.35186	.10848	.11922	.05917	1.0308	.01398	.05203
#1	.49644	50.745	.86248	1.0968	15.190	1006.7	6.1667	37.676
#2	.49587	50.493	.86380	1.0987	15.203	1021.5	6.1655	37.648

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4264	.04551	.38270	1.2794	8.4353	7.9539	.06564	-.07976
Stddev	.0008	.00013	.01234	.0025	.0091	.1126	.00037	.00323
%RSD	.05684	.28097	3.2248	.19559	.10833	1.4156	.56268	4.0556
#1	1.4258	.04560	.37397	1.2776	8.4288	7.8742	.06538	-.08205
#2	1.4270	.04542	.39143	1.2811	8.4418	8.0335	.06590	-.07747

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.2550	3.2109	.20065	4.6266	.0949
Stddev	.0088	.0347	.00020	.0230	.0012
%RSD	.27058	1.0819	.10087	.49701	1.283
#1	3.2488	3.1863	.20079	4.6104	.0940
#2	3.2612	3.2354	.20050	4.6429	.0957

Sample Name: Z4920-08A Acquired: 10/16/2008 07:47:11 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15799	.09741	8.6222	.03810	.34834	86.392	6.3438	.09814
Stddev	.00391	.00055	.0097	.00539	.00093	.131	.0378	.00014
%RSD	2.4735	.56107	.11256	14.152	.26581	.15117	.59579	.13892
#1	.15522	.09702	8.6153	.03428	.34768	86.485	6.3171	.09804
#2	.16075	.09780	8.6291	.04191	.34899	86.300	6.3705	.09824

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49250	50.736	.84754	1.0599	15.165	F1015.6	6.1427	37.750
Stddev	.00114	.028	.00014	.0098	.015	4.9	.0122	.154
%RSD	.23138	.05597	.01703	.92945	.10065	.48217	.19791	.40918
#1	.49169	50.716	.84765	1.0530	15.154	1012.1	6.1341	37.641
#2	.49330	50.756	.84744	1.0669	15.175	1019.0	6.1513	37.860

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3862	.04318	.37806	1.2191	8.4203	8.0397	.06631	-.07645
Stddev	.0109	.00047	.01684	.0022	.0300	.0587	.00012	.00311
%RSD	.78524	1.0961	4.4553	.18145	.35603	.73002	.18008	4.0636
#1	1.3785	.04352	.36615	1.2207	8.3991	7.9982	.06622	-.07865
#2	1.3939	.04285	.38997	1.2175	8.4415	8.0812	.06639	-.07425

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.2763	3.3922	.20324	4.6761	.0942
Stddev	.0126	.0405	.00028	.0216	.0019
%RSD	.38501	1.1951	.13613	.46106	1.976
#1	3.2674	3.3635	.20343	4.6608	.0929
#2	3.2853	3.4208	.20304	4.6913	.0955

Sample Name: Z4920-11 Acquired: 10/16/2008 07:49:03 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00975	-.00116	1.2563	-.00267	.02695	73.033	.49021	.00248
Stddev	.00145	.00078	.0000	.00092	.00144	.231	.00338	.00001
%RSD	14.838	67.346	.00130	34.365	5.3383	.31607	.69003	.39032
#1	.01078	-.00172	1.2563	-.00202	.02797	72.870	.48782	.00247
#2	.00873	-.00061	1.2563	-.00332	.02593	73.197	.49260	.00249

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	290.96	.09306	.04987	.84847	126.48	2.4007	180.46
Stddev	.00013	2.48	.00082	.00021	.00142	1.04	.0209	.69
%RSD	4.7423	.85197	.88378	.41227	.16696	.82582	.86900	.38462
#1	.00294	289.21	.09248	.04972	.84747	125.74	2.3860	179.97
#2	.00275	292.71	.09364	.05001	.84947	127.22	2.4155	180.95

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06549	-.00171	2.0783	.23451	.42891	13.133	.00288	.01305
Stddev	.00029	.00030	.0276	.00075	.00099	.114	.00037	.00033
%RSD	.44085	17.457	1.3298	.32059	.22971	.86791	12.822	2.5231
#1	.06529	-.00192	2.0587	.23398	.42821	13.052	.00262	.01328
#2	.06569	-.00150	2.0978	.23505	.42960	13.213	.00314	.01282

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.2344	2.3837	.05588	5.6314	.1151
Stddev	.0048	.0670	.00047	.0347	.0014
%RSD	.21601	2.8101	.84489	.61573	1.194
#1	2.2310	2.3363	.05554	5.6069	.1141
#2	2.2379	2.4310	.05621	5.6559	.1160

Sample Name: Z4920-12 Acquired: 10/16/2008 07:50:36 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01186	-.00144	.09694	.00060	.00427	70.489	.71638	.00213
Stddev	.00125	.00063	.00051	.00024	.00106	.290	.00283	.00004
%RSD	10.550	43.626	.52245	39.762	24.824	.41166	.39464	2.1020
#1	.01098	-.00100	.09658	.00077	.00502	70.284	.71438	.00216
#2	.01275	-.00189	.09730	.00043	.00352	70.694	.71838	.00209

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00323	232.34	.11894	.04798	.14060	107.18	2.3766	138.88
Stddev	.00005	.14	.00119	.00021	.00049	.25	.0004	.29
%RSD	1.5108	.05897	1.0006	.44444	.34966	.23159	.01753	.20977
#1	.00326	232.24	.11810	.04814	.14095	107.00	2.3769	138.67
#2	.00319	232.44	.11978	.04783	.14025	107.35	2.3763	139.09

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08059	-.00102	1.0849	.17338	.36863	19.765	.00297	.01671
Stddev	.00037	.00011	.0060	.00052	.00102	.273	.00011	.00045
%RSD	.46030	10.675	.55604	.29963	.27748	1.3810	3.6670	2.7060
#1	.08033	-.00095	1.0806	.17301	.36791	19.572	.00305	.01703
#2	.08085	-.00110	1.0892	.17374	.36936	19.958	.00289	.01639

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.5199	2.1776	-.00094	4.9087	.1121
Stddev	.0076	.0103	.00058	.0165	.0012
%RSD	.21527	.47231	61.768	.33630	1.046
#1	3.5146	2.1848	-.00135	4.8970	.1113
#2	3.5253	2.1703	-.00053	4.9204	.1130

Sample Name: CRI Acquired: 10/16/2008 07:52:30 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01152	.02582	.01112	.03674	.05860	.00747	-.00010
Stddev	.00053	.00028	.00107	.00050	.00180	.00352	.00040
%RSD	4.6155	1.0972	9.6146	1.3526	3.0647	47.168	389.06
#1	.01189	.02602	.01187	.03710	.05987	.00996	-.00039
#2	.01114	.02562	.01036	.03639	.05733	.00498	.00018

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00529	.00535	.01790	.01005	.05425	.02778	.11216
Stddev	.00003	.00009	.01100	.00055	.00032	.00011	.00189
%RSD	.58067	1.7382	61.440	5.4808	.59025	.38659	1.6812
#1	.00531	.00529	.01012	.00966	.05402	.02785	.11349
#2	.00527	.00542	.02568	.01044	.05448	.02770	.11083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01595	-.01033	.04281	.01116	-.80385	.05269	.06368
Stddev	.00028	.00845	.00024	.00016	.00426	.00058	.00014
%RSD	1.7269	81.803	.56933	1.4325	.52953	1.0964	.22724
#1	.01615	-.01631	.04299	.01127	-.80084	.05228	.06378
#2	.01576	-.00436	.04264	.01104	-.80686	.05310	.06357

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03508	1.0433	1.0398	F-.01628	F.96929	F1.0530	F1.1004
Stddev	.01303	.0004	.0007	.00230	.03657	.0004	.0053
%RSD	37.144	.04309	.06835	14.106	3.7726	.03684	.48115
#1	-.02586	1.0436	1.0393	-.01465	.94343	1.0527	1.1042
#2	-.04429	1.0430	1.0403	-.01790	.99515	1.0532	1.0967

Sample Name: CRI Acquired: 10/16/2008 07:52:30 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	F.0027
Stddev	.0004
%RSD	16.24
#1	.0030
#2	.0024

Sample Name: ICSA Acquired: 10/16/2008 07:54:19 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00819	.00045	.01160	-.00243	.00160	231.33	.00223	.00058
Stddev	.00541	.00008	.00147	.00004	.00097	1.90	.00027	.00002
%RSD	66.029	18.253	12.695	1.7001	60.424	.82135	12.246	4.0964
#1	.00436	.00051	.01056	-.00246	.00092	232.68	.00243	.00056
#2	.01201	.00039	.01264	-.00240	.00228	229.99	.00204	.00060

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	239.91	.03994	.00334	.02931	93.293	.01951	240.63
Stddev	.00009	.01	.00054	.00018	.00032	.029	.00034	.29
%RSD	6.9986	.00387	1.3518	5.2774	1.1021	.03112	1.7270	.12222
#1	.00140	239.90	.03955	.00321	.02908	93.272	.01927	240.42
#2	.00126	239.92	.04032	.00346	.02954	93.313	.01975	240.84

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01882	-.00082	.10280	.00219	.02725	-.06014	-.00009	-.00515
Stddev	.00034	.00002	.00987	.00052	.00042	.05384	.00005	.00022
%RSD	1.8071	2.0523	9.6037	23.917	1.5540	89.517	52.797	4.2183
#1	.01858	-.00083	.10979	.00182	.02755	-.02207	-.00006	-.00500
#2	.01906	-.00081	.09582	.00256	.02695	-.09821	-.00012	-.00530

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04788	-.04323	.00278	-.00452	.0095
Stddev	.00101	.01351	.00085	.00020	.0011
%RSD	2.1028	31.265	30.771	4.5104	11.60
#1	.04717	-.03367	.00217	-.00437	.0087
#2	.04859	-.05278	.00338	-.00466	.0103

Sample Name: ICSAB Acquired: 10/16/2008 07:56:22 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09791	.08786	.05563	.05002	.57073	232.33	.53967	.47255
Stddev	.00341	.00109	.00102	.00265	.00028	.65	.00186	.00086
%RSD	3.4860	1.2458	1.8330	5.3039	.04910	.27843	.34530	.18095
#1	.10033	.08709	.05636	.05190	.57053	232.79	.54099	.47316
#2	.09550	.08864	.05491	.04814	.57093	231.87	.53835	.47195

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86857	244.65	.48876	.44173	.47704	94.715	.50936	244.03
Stddev	.00075	.56	.00112	.00048	.00106	.161	.00315	.34
%RSD	.08678	.23026	.22935	.10956	.22221	.17003	.61785	.14033
#1	.86911	245.05	.48797	.44208	.47629	94.829	.51159	244.27
#2	.86804	244.25	.48956	.44139	.47779	94.601	.50714	243.78

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92183	.20121	.11271	.45999	.86058	-.02189	-.00006	-.00800
Stddev	.00053	.00040	.00601	.00177	.00177	.03503	.00004	.00012
%RSD	.05749	.19970	5.3324	.38514	.20598	160.01	57.811	1.4902
#1	.92221	.20150	.10846	.46124	.86184	-.04666	-.00009	-.00791
#2	.92146	.20093	.11696	.45873	.85933	.00288	-.00004	-.00808

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04758	-.01845	.00218	-.00474	F.0082
Stddev	.00417	.00865	.00024	.00045	.0004
%RSD	8.7707	46.907	11.152	9.4770	5.369
#1	.05053	-.01233	.00201	-.00505	.0085
#2	.04463	-.02457	.00236	-.00442	.0078

Sample Name: CCV Acquired: 10/16/2008 07:58:10 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCV Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8684	4.8912	4.8207	4.8134	4.9476	10.051	10.618	.24972	2.4133
Stddev	.0367	.0440	.0371	.0409	.0417	.063	.084	.00061	.0174
%RSD	.75367	.89989	.76902	.84907	.84313	.62874	.79220	.24421	.72285
#1	4.8943	4.9223	4.8470	4.8423	4.9771	10.006	10.558	.24929	2.4256
#2	4.8425	4.8601	4.7945	4.7845	4.9182	10.096	10.677	.25015	2.4009

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.184	.97717	2.4392	1.2461	5.0701	2.5619	23.501	2.4682	1.2646
Stddev	.088	.00379	.0179	.0077	.0001	.0083	.057	.0192	.0021
%RSD	.34909	.38759	.73390	.62167	.00138	.32480	.24171	.77882	.16579
#1	25.122	.97449	2.4519	1.2516	5.0700	2.5560	23.461	2.4818	1.2631
#2	25.247	.97985	2.4265	1.2406	5.0701	2.5678	23.541	2.4547	1.2660

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.391	2.4589	2.3561	25.541	4.8373	4.8738	4.7299	4.7553	4.8458
Stddev	.087	.0106	.0210	.034	.0364	.0132	.0493	.0138	.0356
%RSD	.34412	.42981	.89052	.13501	.75341	.27050	1.0416	.28916	.73526
#1	25.330	2.4514	2.3710	25.516	4.8630	4.8645	4.7647	4.7455	4.8710
#2	25.453	2.4663	2.3413	25.565	4.8115	4.8831	4.6950	4.7650	4.8206

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	5.1906	5.221
Stddev	.0197	.018
%RSD	.37951	.3477
#1	5.1767	5.208
#2	5.2045	5.234

Sample Name: CCB Acquired: 10/16/2008 07:59:55 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	-.00039	.00020	-.00093	.00081	.00811	-.00051
Stddev	.00044	.00067	.00058	.00063	.00001	.00216	.00011
%RSD	23.316	173.91	289.20	68.496	1.8127	26.708	20.740
#1	.00157	.00009	-.00021	-.00138	.00080	.00964	-.00059
#2	.00219	-.00086	.00061	-.00048	.00082	.00657	-.00044

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00004	.01013	-.00051	-.00008	.00037	.00008
Stddev	.00000	.00003	.00179	.00032	.00022	.00017	.00355
%RSD	6.9923	63.549	17.645	63.237	259.76	45.391	4489.3
#1	.00002	-.00006	.00886	-.00028	.00007	.00049	-.00243
#2	.00002	-.00002	.01139	-.00074	-.00024	.00025	.00259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	.01459	-.00013	-.00001	-.81480	-.00014	.00034
Stddev	.00020	.01247	.00001	.00001	.00069	.00004	.00009
%RSD	57.008	85.442	7.3631	143.95	.08421	28.548	27.876
#1	-.00050	.02340	-.00013	-.00001	-.81529	-.00016	.00041
#2	-.00021	.00577	-.00014	.00000	-.81432	-.00011	.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03422	.00055	.01649	-.01807	F-.03637	.00015	.00018
Stddev	.00450	.00012	.00202	.00039	.02141	.00072	.00011
%RSD	13.160	22.020	12.243	2.1503	58.875	471.83	58.926
#1	-.03740	.00064	.01792	-.01835	-.02123	.00066	.00011
#2	-.03103	.00047	.01506	-.01780	-.05151	-.00035	.00026

Sample Name: CCB Acquired: 10/16/2008 07:59:55 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	.0028
Stddev	.0005
%RSD	16.43
#1	.0031
#2	.0025

Sample Name: Z4920-13 Acquired: 10/16/2008 08:01:57 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00295	-.00034	.04659	-.00745	.00558	168.13	1.9293	.00415
Stddev	.00011	.00049	.00064	.00048	.00050	.42	.0055	.00003
%RSD	3.6229	144.07	1.3632	6.5045	8.9984	.24900	.28298	.73331
#1	.00302	-.00068	.04703	-.00711	.00594	168.43	1.9254	.00418
#2	.00287	.00001	.04614	-.00779	.00523	167.83	1.9332	.00413

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00358	21.778	.27851	.11522	.26130	242.51	3.9169	56.229
Stddev	.00007	.068	.00034	.00058	.00013	1.48	.0248	.177
%RSD	2.0179	.31402	.12296	.50415	.04938	.60910	.63215	.31444
#1	.00363	21.730	.27876	.11481	.26140	241.47	3.8994	56.104
#2	.00353	21.827	.27827	.11563	.26121	243.56	3.9344	56.354

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17115	-.00253	.70556	.38511	.43621	54.048	.00010	-.00798
Stddev	.00057	.00002	.00951	.00115	.00034	.179	.00012	.00110
%RSD	.33342	.81404	1.3478	.29849	.07727	.33094	114.77	13.801
#1	.17155	-.00255	.69884	.38592	.43598	53.921	.00019	-.00721
#2	.17074	-.00252	.71229	.38429	.43645	54.174	.00002	-.00876

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36608	1.4846	-.00455	13.526	.1948
Stddev	.00109	.0154	.00047	.063	.0016
%RSD	.29908	1.0392	10.242	.46870	.8421
#1	.36685	1.4737	-.00422	13.481	.1936
#2	.36530	1.4955	-.00488	13.571	.1960

Sample Name: PB37170BL Acquired: 10/16/2008 08:03:59 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00231	.00003	-.00010	-.00126	-.00070	.00887	-.00051
Stddev	.00050	.00028	.00068	.00071	.00007	.00169	.00017
%RSD	21.757	1064.4	655.35	56.137	9.3063	19.088	33.922
#1	.00266	.00022	.00037	-.00076	-.00066	.00768	-.00063
#2	.00195	-.00017	-.00058	-.00176	-.00075	.01007	-.00039

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00001	.01836	-.00025	-.00029	.00033	.00212
Stddev	.00001	.00001	.00538	.00014	.00006	.00012	.00266
%RSD	1594.9	211.00	29.306	55.535	20.433	35.252	125.62
#1	.00001	.00002	.01456	-.00035	-.00033	.00025	.00024
#2	-.00001	.00000	.02217	-.00015	-.00025	.00042	.00400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	-.02016	.00002	-.00022	-.84796	-.00030	.00020
Stddev	.00052	.00774	.00017	.00016	.00102	.00025	.00005
%RSD	133.80	38.376	840.78	74.285	.11988	81.876	24.531
#1	-.00076	-.02563	-.00010	-.00010	-.84867	-.00047	.00016
#2	-.00002	-.01469	.00014	-.00033	-.84724	-.00013	.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04899	.00006	.00002	-.01789	F-.01706	.00004	.00089
Stddev	.02399	.00004	.00043	.00198	.00633	.00069	.00074
%RSD	48.974	78.233	2039.9	11.071	37.080	1614.9	83.894
#1	-.03202	.00009	-.00028	-.01649	-.02154	.00053	.00141
#2	-.06595	.00003	.00033	-.01929	-.01259	-.00045	.00036

Sample Name: PB37170BL Acquired: 10/16/2008 08:03:59 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	.0016
Stddev	.0002
%RSD	13.01
#1	.0017
#2	.0014

Sample Name: PB37170BS Acquired: 10/16/2008 08:05:35 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95948	.98503	.95662	.99047	1.0250	2.5700	.57494
Stddev	.00246	.00134	.00272	.00397	.0039	.0010	.00233
%RSD	.25596	.13642	.28439	.40069	.37796	.04003	.40612
#1	.95775	.98598	.95470	.99327	1.0277	2.5707	.57329
#2	.96122	.98408	.95854	.98766	1.0223	2.5693	.57659

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49287	.48088	9.9006	.48679	.48271	.50025	5.0848
Stddev	.00068	.00003	.0452	.00014	.00015	.00075	.0204
%RSD	.13735	.00538	.45695	.02966	.03104	.14950	.40087
#1	.49239	.48086	9.8686	.48690	.48281	.49972	5.0704
#2	.49335	.48089	9.9326	.48669	.48260	.50078	5.0992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50596	5.3591	.49531	.51342	10.061	.48955	.93644
Stddev	.00312	.0256	.00039	.00259	.008	.00027	.00242
%RSD	.61630	.47808	.07900	.50417	.07481	.05608	.25800
#1	.50376	5.3410	.49559	.51525	10.056	.48974	.93815
#2	.50817	5.3772	.49503	.51159	10.067	.48935	.93473

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.294	-.00027	-.00122	.00574	.06172	-.00108	F-.00040
Stddev	.066	.00010	.00020	.00088	.02696	.00036	.00093
%RSD	.63859	37.130	16.726	15.313	43.680	32.977	235.46
#1	10.340	-.00035	-.00137	.00636	.04266	-.00083	.00026
#2	10.247	-.00020	-.00108	.00512	.08079	-.00133	-.00105

Sample Name: PB37170BS Acquired: 10/16/2008 08:05:35 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	F.0027
Stddev	.0004
%RSD	15.14
#1	.0030
#2	.0024

Sample Name: Z4923-17 Acquired: 10/16/2008 08:07:26 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	.00063	.00019	.00008	.00081	.02182	.00002	-.00003
Stddev	.00090	.00000	.00055	.00036	.00046	.00182	.00000	.00001
%RSD	105.89	.35068	285.12	427.33	56.632	8.3239	3.0744	25.832
#1	.00021	.00063	-.00020	-.00017	.00113	.02311	.00002	-.00003
#2	.00148	.00063	.00058	.00033	.00048	.02054	.00002	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.05324	.00018	.00002	.00052	.01216	.00189	-.00912
Stddev	.00007	.00273	.00025	.00013	.00018	.00510	.00035	.00014
%RSD	898.12	5.1245	138.01	733.45	34.906	41.987	18.324	1.5713
#1	.00006	.05517	.00036	.00011	.00039	.00855	.00214	-.00922
#2	-.00004	.05131	.00000	-.00007	.00064	.01577	.00165	-.00902

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	-.00025	-.80314	-.00018	.00929	-.03560	.00003	-.00241
Stddev	.00049	.00030	.00183	.00007	.00002	.00026	.00004	.00109
%RSD	71.295	122.58	.22782	39.813	.21871	.72577	135.98	45.225
#1	.00104	-.00046	-.80185	-.00023	.00928	-.03578	.00000	-.00318
#2	.00034	-.00003	-.80443	-.00013	.00931	-.03542	.00006	-.00164

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01181	.05015	-.00198	.00006	.0008
Stddev	.00043	.00589	.00026	.00012	.0003
%RSD	3.6287	11.736	13.009	191.33	39.55
#1	.01212	.04599	-.00180	-.00002	.0006
#2	.01151	.05431	-.00216	.00015	.0011

Sample Name: Z4923-18 Acquired: 10/16/2008 08:09:20 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	.00036	-.00009	-.00023	-.00032	.01925	.00052	-.00004
Stddev	.00023	.00032	.00087	.00113	.00072	.00025	.00022	.00002
%RSD	12.658	89.328	920.53	496.45	226.28	1.2821	41.754	60.674
#1	.00202	.00059	.00052	.00057	-.00083	.01943	.00068	-.00002
#2	.00169	.00013	-.00071	-.00103	.00019	.01908	.00037	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.04560	-.00003	-.00019	.00049	.00800	.00161	-.01439
Stddev	.00004	.00469	.00006	.00007	.00049	.00011	.00014	.00759
%RSD	68.845	10.277	207.92	39.655	100.69	1.3900	8.6694	52.784
#1	-.00003	.04229	-.00008	-.00014	.00084	.00792	.00171	-.00902
#2	-.00008	.04892	.00001	-.00024	.00014	.00808	.00151	-.01976

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	.00006	-.82567	-.00045	.00953	-.02623	-.00010	-.00243
Stddev	.00010	.00020	.00041	.00010	.00005	.00960	.00012	.00075
%RSD	14.387	325.53	.04925	21.082	.49787	36.587	124.88	30.713
#1	.00073	.00020	-.82596	-.00039	.00950	-.01944	-.00001	-.00191
#2	.00060	-.00008	-.82539	-.00052	.00957	-.03302	-.00019	-.00296

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01861	.03949	-.00177	-.00017	.0009
Stddev	.00149	.02391	.00008	.00069	.0003
%RSD	8.0220	60.556	4.5088	417.84	36.08
#1	.01967	.05640	-.00183	-.00065	.0011
#2	.01756	.02258	-.00172	.00032	.0007

Sample Name: Z4923-19 Acquired: 10/16/2008 08:11:16 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	-.00033	-.00101	.00066	-.00008	.01940	-.00034	-.00005
Stddev	.00043	.00033	.00055	.00081	.00094	.00229	.00009	.00002
%RSD	28.497	98.997	54.760	122.26	1142.3	11.828	26.277	47.946
#1	.00121	-.00010	-.00141	.00009	-.00075	.02102	-.00040	-.00003
#2	.00182	-.00057	-.00062	.00123	.00058	.01777	-.00028	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.04594	.00006	.00000	.00041	.00941	.00158	.02117
Stddev	.00002	.01130	.00013	.0001	.00019	.00033	.00033	.01232
%RSD	134.07	24.601	227.81	2669.2	45.595	3.5304	20.944	58.193
#1	-.00003	.03795	-.00003	-.00004	.00055	.00965	.00182	.02989
#2	.00000	.05393	.00014	.00003	.00028	.00918	.00135	.01246

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00017	-.81219	-.00057	.00599	-.03435	.00010	-.00272
Stddev	.00009	.00004	.01523	.00024	.00019	.02462	.00009	.00073
%RSD	38.754	22.583	1.8758	41.970	3.2309	71.678	95.633	26.712
#1	.00018	.00019	-.82296	-.00073	.00613	-.05175	.00016	-.00221
#2	.00031	.00014	-.80141	-.00040	.00586	-.01694	.00003	-.00324

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02277	.07242	-.00149	.00177	.0006
Stddev	.00101	.01280	.00006	.00035	.0001
%RSD	4.4522	17.678	4.1787	19.775	21.78
#1	.02349	.06337	-.00145	.00152	.0005
#2	.02206	.08147	-.00154	.00202	.0006

Sample Name: PB37171BL Acquired: 10/16/2008 08:13:10 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	.00014	.00019	-.00114	.00026	.00781	-.00066
Stddev	.00023	.00040	.00002	.00053	.00043	.00543	.00024
%RSD	12.008	288.67	12.784	46.207	164.79	69.571	37.003
#1	.00175	.00043	.00017	-.00077	-.00004	.00397	-.00083
#2	.00208	-.00015	.00021	-.00152	.00056	.01165	-.00049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00007	.00599	-.00047	-.00005	.00043	-.00471
Stddev	.00004	.00001	.00975	.00014	.00019	.00023	.00521
%RSD	673.85	15.762	162.87	29.999	399.89	53.738	110.78
#1	.00002	-.00006	.01289	-.00057	-.00018	.00026	-.00102
#2	-.00003	-.00008	-.00091	-.00037	.00009	.00059	-.00839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.01439	.00026	-.00012	-.88487	-.00058	.00015
Stddev	.00045	.00301	.00060	.00010	.00371	.00039	.00002
%RSD	128.27	20.914	226.44	87.249	.41930	67.796	11.743
#1	-.00003	.01651	-.00016	-.00005	-.88749	-.00030	.00016
#2	-.00066	.01226	.00069	-.00019	-.88224	-.00086	.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04178	.00016	-.00323	-.01758	F-.04646	-.00013	-.00013
Stddev	.02229	.00006	.00008	.00039	.00758	.00032	.00030
%RSD	53.353	35.446	2.4969	2.2200	16.312	257.98	230.31
#1	-.02602	.00012	-.00329	-.01786	-.05182	.00010	-.00035
#2	-.05755	.00020	-.00317	-.01731	-.04110	-.00035	.00008

Sample Name: PB37171BL Acquired: 10/16/2008 08:13:10 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	.0001
Stddev	.0010
%RSD	942.8
#1	.0008
#2	-.0006

Sample Name: PB37171BS Acquired: 10/16/2008 08:15:41 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1326	.07899	.47192	.07981	.67437	1.0453	.01480	.04458
Stddev	.0020	.00101	.00429	.00284	.00103	.0027	.00003	.00006
%RSD	.09385	1.2731	.90984	3.5609	.15251	.26084	.18616	.13413
#1	2.1312	.07827	.46889	.08182	.67364	1.0472	.01482	.04463
#2	2.1341	.07970	.47496	.07780	.67510	1.0433	.01478	.04454

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09005	423.12	.23806	.32478	14.335	60.658	.55139	254.35
Stddev	.00003	1.75	.00047	.00022	.001	.181	.00056	.60
%RSD	.03277	.41379	.19820	.06923	.00711	.29847	.10081	.23664
#1	.09003	424.36	.23773	.32494	14.336	60.786	.55100	254.78
#2	.09007	421.88	.23840	.32462	14.335	60.530	.55179	253.93

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13503	.05516	.24961	.15215	.36630	.13820	.11640	.00495
Stddev	.00079	.00006	.00186	.00118	.00056	.00728	.00037	.00120
%RSD	.58277	.11566	.74556	.77259	.15309	5.2653	.31966	24.256
#1	.13558	.05521	.24829	.15298	.36669	.13306	.11666	.00410
#2	.13447	.05512	.25092	.15132	.36590	.14335	.11613	.00580

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F.50687	1.5535	F.01295	F.03954	F.0057
Stddev	.00043	.0240	.00003	.00019	.0004
%RSD	.08540	1.5432	.26609	.47972	6.352
#1	.50718	1.5366	.01292	.03968	.0054
#2	.50656	1.5705	.01297	.03941	.0059

Sample Name: Z4923-01 Acquired: 10/16/2008 08:17:16 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00461	-.00062	.17936	-.00848	.00976	132.81	1.6724	.00319
Stddev	.00080	.00052	.00013	.00218	.00157	.68	.0116	.00015
%RSD	17.245	84.081	.07356	25.681	16.087	.51378	.69040	4.7633
#1	.00517	-.00099	.17945	-.01002	.00865	132.33	1.6643	.00330
#2	.00405	-.00025	.17926	-.00694	.01087	133.29	1.6806	.00309

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00454	126.22	.22641	.10256	.24833	218.37	3.1346	103.77
Stddev	.00015	.90	.00003	.00017	.00158	1.05	.0196	.49
%RSD	3.2652	.71142	.01267	.16299	.63619	.47985	.62436	.47541
#1	.00464	125.58	.22643	.10244	.24722	217.63	3.1208	103.43
#2	.00443	126.85	.22639	.10268	.24945	219.11	3.1484	104.12

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16043	-.00242	1.1998	.34678	.50527	51.318	.00063	-.01439
Stddev	.00043	.00007	.0177	.00153	.00156	.427	.00025	.00036
%RSD	.26909	2.6961	1.4723	.44042	.30864	.83140	40.133	2.4948
#1	.16073	-.00247	1.1873	.34570	.50637	51.016	.00080	-.01414
#2	.16012	-.00237	1.2123	.34786	.50417	51.620	.00045	-.01464

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.49694	2.3181	-.00309	11.029	.2110
Stddev	.00034	.0526	.00040	.061	.0011
%RSD	.06865	2.2690	12.828	.55744	.5133
#1	.49718	2.2809	-.00337	10.985	.2102
#2	.49670	2.3553	-.00281	11.072	.2118

Sample Name: Z4923-02 Acquired: 10/16/2008 08:18:46 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02877	-.00279	2.2202	-.00383	.02428	64.277	.92377	.00168
Stddev	.00120	.00111	.0036	.00063	.00101	.359	.00158	.00001
%RSD	4.1717	39.714	.16003	16.453	4.1530	.55778	.17128	.81208
#1	.02962	-.00357	2.2227	-.00338	.02357	64.024	.92489	.00167
#2	.02792	-.00201	2.2177	-.00427	.02499	64.531	.92265	.00169

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01367	177.87	.15009	.04985	.19096	162.53	1.8940	66.876
Stddev	.00005	.10	.00098	.00022	.00001	.14	.0042	.048
%RSD	.35509	.05388	.65411	.45001	.00678	.08371	.22304	.07112
#1	.01371	177.93	.15078	.04969	.19095	162.62	1.8969	66.842
#2	.01364	177.80	.14939	.05001	.19097	162.43	1.8910	66.909

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57442	.01314	1.7216	6.7653	7.3664	16.081	.01687	.01391
Stddev	.00141	.00039	.0089	.0068	.0121	.043	.00020	.00004
%RSD	.24607	2.9665	.51846	.10076	.16416	.26565	1.1795	.31837
#1	.57542	.01287	1.7153	6.7604	7.3750	16.051	.01701	.01388
#2	.57342	.01342	1.7280	6.7701	7.3578	16.111	.01673	.01394

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.7411	4.0814	.01516	4.3008	.1396
Stddev	.0065	.0682	.00014	.0071	.0002
%RSD	.17236	1.6713	.92365	.16499	.1238
#1	3.7457	4.0331	.01506	4.3058	.1397
#2	3.7365	4.1296	.01526	4.2958	.1395

Sample Name: CCV Acquired: 10/16/2008 08:26:13 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCV Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2405	5.2867	5.2811	5.3796	5.2293	10.099	10.409	.26203	2.6698
Stddev	.0099	.0040	.0072	.0109	.0149	.065	.060	.00158	.0048
%RSD	.18820	.07486	.13608	.20217	.28549	.64311	.57202	.60241	.17987
#1	5.2336	5.2839	5.2760	5.3719	5.2187	10.053	10.451	.26092	2.6664
#2	5.2475	5.2895	5.2862	5.3873	5.2398	10.145	10.367	.26315	2.6732

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.090	1.0478	2.6334	1.3236	5.2350	2.6254	25.590	2.6478	1.2975
Stddev	.045	.0015	.0038	.0016	.0379	.0032	.018	.0019	.0013
%RSD	.17344	.14676	.14264	.12222	.72303	.12324	.07020	.07232	.09737
#1	26.122	1.0489	2.6307	1.3225	5.2082	2.6231	25.578	2.6464	1.2966
#2	26.058	1.0467	2.6360	1.3248	5.2617	2.6276	25.603	2.6492	1.2984

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.292	2.5870	2.6972	25.134	5.2502	5.1976	5.1871	5.2389	5.2947
Stddev	.031	.0118	.0064	.058	.0052	.0045	.0065	.0807	.0088
%RSD	.12311	.45508	.23582	.22909	.09963	.08684	.12493	1.5401	.16570
#1	25.314	2.5787	2.6927	25.093	5.2465	5.1944	5.1825	5.2960	5.2885
#2	25.270	2.5954	2.7017	25.175	5.2539	5.2008	5.1917	5.1819	5.3009

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	5.1885	5.011
Stddev	.0046	.002
%RSD	.08901	.0467
#1	5.1853	5.010
#2	5.1918	5.013

Sample Name: CCB Acquired: 10/16/2008 08:28:04 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00022	.00032	.00056	.00049	-.00086	.00037	-.00005
Stddev	.00059	.00043	.00201	.00112	.00075	.00075	.00009	.00000
%RSD	355.61	193.15	632.18	200.13	152.46	87.224	25.218	1.1897
#1	.00059	.00008	.00174	.00135	.00103	-.00033	.00043	-.00005
#2	-.00025	-.00052	-.00110	-.00023	-.00004	-.00140	.00030	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.01337	-.00031	.00023	.00044	.00421	-.00022	.00142
Stddev	.00001	.00771	.00000	.00023	.00050	.00304	.00013	.02514
%RSD	116.33	57.719	.01651	102.87	113.91	72.142	59.413	1767.8
#1	.00000	-.00791	-.00031	.00006	.00079	.00636	-.00012	-.01636
#2	-.00002	-.01882	-.00031	.00039	.00009	.00206	-.00031	.01920

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00009	-.00590	-.00004	.00009	-.02606	.00050	.02357
Stddev	.00028	.00024	.00606	.00045	.00006	.01754	.00035	.00365
%RSD	2678.1	249.66	102.64	1034.5	66.382	67.310	68.650	15.480
#1	.00019	.00026	-.00162	-.00036	.00005	-.03847	.00075	.02615
#2	-.00021	-.00007	-.01019	.00027	.00013	-.01366	.00026	.02099

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00073	F.01736	.00128	-.00035	.0027
Stddev	.00023	.00354	.00011	.00042	.0010
%RSD	32.077	20.406	8.4030	120.99	34.99
#1	.00056	.01987	.00135	-.00005	.0020
#2	.00089	.01486	.00120	-.00065	.0034

Sample Name: Z4923-03 Acquired: 10/16/2008 08:29:51 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00390	-.00580	.18677	-.00544	.01269	116.66	.94989	.00328
Stddev	.00131	.00132	.00067	.00181	.00120	.54	.00375	.00006
%RSD	33.532	22.815	.35984	33.324	9.4701	.46124	.39438	1.7888
#1	.00297	-.00487	.18630	-.00672	.01184	116.28	.95254	.00324
#2	.00482	-.00674	.18725	-.00416	.01354	117.04	.94724	.00332

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00742	17.734	.19280	.08862	.30751	190.04	2.3031	36.491
Stddev	.00010	.092	.00051	.00061	.00186	.80	.0087	.296
%RSD	1.3729	.51984	.26599	.69028	.60574	.42347	.37788	.81027
#1	.00750	17.668	.19244	.08819	.30619	189.47	2.2969	36.281
#2	.00735	17.799	.19317	.08906	.30883	190.61	2.3092	36.700

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12739	.00007	2.1499	.32499	1.0415	21.482	.02183	.00211
Stddev	.00090	.00002	.0108	.00147	.0099	.029	.00013	.00062
%RSD	.70931	26.399	.50196	.45217	.94646	.13299	.60572	29.252
#1	.12675	.00009	2.1422	.32395	1.0345	21.502	.02174	.00255
#2	.12803	.00006	2.1575	.32603	1.0485	21.461	.02193	.00167

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.92939	2.8743	.00269	7.9765	.1054
Stddev	.00417	.0711	.00026	.0046	.0008
%RSD	.44830	2.4751	9.6832	.05829	.7996
#1	.92645	2.8240	.00288	7.9798	.1048
#2	.93234	2.9246	.00251	7.9733	.1060

Sample Name: Z4923-04 Acquired: 10/16/2008 08:31:32 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	-.00526	.06464	-.00867	.00769	146.94	1.7919	.00384
Stddev	.00143	.00101	.00025	.00119	.00078	1.26	.0129	.00014
%RSD	99.863	19.207	.38376	13.736	10.193	.86085	.72089	3.7699
#1	.00042	-.00454	.06446	-.00951	.00713	147.83	1.8010	.00394
#2	.00244	-.00597	.06481	-.00783	.00824	146.04	1.7828	.00374

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00666	40.142	.30216	.13527	.30226	265.43	4.1468	76.572
Stddev	.00035	.170	.00091	.00031	.00183	.70	.0129	.345
%RSD	5.2943	.42230	.30098	.23129	.60627	.26529	.31064	.45068
#1	.00641	40.262	.30151	.13505	.30096	265.93	4.1559	76.328
#2	.00691	40.022	.30280	.13549	.30356	264.94	4.1377	76.816

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21371	-.00219	1.4705	.41305	.58840	56.977	.00123	-.02410
Stddev	.00140	.00024	.0011	.00095	.00361	.331	.00010	.00151
%RSD	.65478	10.791	.07362	.23118	.61299	.58104	7.9183	6.2824
#1	.21272	-.00236	1.4698	.41237	.58585	57.211	.00116	-.02303
#2	.21470	-.00203	1.4713	.41372	.59095	56.743	.00130	-.02517

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.41884	2.1708	-.00456	12.970	.2179
Stddev	.00048	.0252	.00070	.067	.0024
%RSD	.11377	1.1589	15.347	.51979	1.102
#1	.41918	2.1530	-.00407	13.017	.2196
#2	.41850	2.1886	-.00506	12.922	.2162

Sample Name: Z4923-05 Acquired: 10/16/2008 08:33:26 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02822	-.00658	.46135	-.00803	.01228	131.48	1.3959	.00364
Stddev	.00152	.00034	.00026	.00315	.00130	.57	.0141	.00008
%RSD	5.3991	5.1848	.05590	39.191	10.563	.43300	1.0131	2.0880
#1	.02929	-.00634	.46117	-.01025	.01320	131.89	1.3859	.00358
#2	.02714	-.00682	.46153	-.00580	.01136	131.08	1.4059	.00369

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00804	66.916	.58311	.11203	.36942	227.32	3.9925	76.542
Stddev	.00024	.603	.00072	.00084	.00223	1.98	.0394	.573
%RSD	2.9388	.90071	.12320	.74824	.60273	.86990	.98628	.74894
#1	.00821	66.490	.58260	.11144	.36785	225.92	3.9646	76.136
#2	.00788	67.342	.58362	.11262	.37100	228.72	4.0203	76.947

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16919	-.00143	1.8533	.35592	.97348	38.684	.00180	-.01612
Stddev	.00143	.00036	.0083	.00059	.00444	.344	.00045	.00071
%RSD	.84601	24.852	.45055	.16530	.45633	.88884	24.994	4.4212
#1	.16818	-.00118	1.8474	.35551	.97034	38.441	.00211	-.01562
#2	.17020	-.00169	1.8592	.35634	.97662	38.927	.00148	-.01662

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.4039	2.2709	.02084	10.705	.1749
Stddev	.0097	.0510	.00038	.096	.0003
%RSD	.68880	2.2467	1.8363	.89912	.1668
#1	1.3971	2.2348	.02111	10.637	.1751
#2	1.4107	2.3070	.02057	10.773	.1747

Sample Name: Z4923-06 Acquired: 10/16/2008 08:35:09 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00465	.09907	-.00936	.00768	133.45	1.6506	.00360
Stddev	.00247	.00136	.00115	.00341	.00086	.30	.0032	.00001
%RSD	1974.3	29.303	1.1608	36.413	11.229	.22669	.19348	.32985
#1	-.00162	-.00368	.09988	-.01177	.00829	133.24	1.6529	.00361
#2	.00187	-.00561	.09826	-.00695	.00707	133.67	1.6483	.00360

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00608	71.079	.24853	.11865	.24840	240.06	3.8801	79.510
Stddev	.00033	.124	.00072	.00019	.00018	.22	.0031	.231
%RSD	5.3464	.17397	.28865	.16127	.07315	.09041	.07935	.28998
#1	.00631	70.992	.24903	.11851	.24827	239.91	3.8779	79.347
#2	.00585	71.167	.24802	.11878	.24853	240.22	3.8822	79.673

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17065	-.00210	1.7730	.37331	.53901	42.310	.00043	-.01719
Stddev	.00185	.00025	.0004	.00012	.00156	.275	.00023	.00145
%RSD	1.0870	11.972	.02527	.03216	.28970	.65069	53.967	8.4148
#1	.16933	-.00192	1.7733	.37339	.53790	42.504	.00027	-.01821
#2	.17196	-.00228	1.7727	.37322	.54011	42.115	.00060	-.01616

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.54820	2.0209	-.00371	11.422	.1508
Stddev	.00255	.0011	.00020	.022	.0001
%RSD	.46510	.05260	5.3517	.19443	.0342
#1	.54640	2.0201	-.00385	11.438	.1508
#2	.55000	2.0216	-.00357	11.406	.1509

Sample Name: Z4923-07 Acquired: 10/16/2008 08:36:59 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00273	-.00447	.09455	-.00656	.00604	161.84	1.1996	.00505
Stddev	.00263	.00179	.00030	.00009	.00087	.01	.0059	.00010
%RSD	96.195	39.954	.32119	1.3934	14.360	.00798	.48896	1.8871
#1	.00459	-.00321	.09477	-.00663	.00665	161.83	1.2037	.00499
#2	.00087	-.00574	.09434	-.00650	.00542	161.85	1.1954	.00512

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00468	19.437	.22650	.09740	.19261	207.19	3.0644	45.551
Stddev	.00011	.088	.00129	.00067	.00058	.04	.0030	.101
%RSD	2.3715	.45305	.57036	.68728	.30070	.01857	.09876	.22213
#1	.00460	19.375	.22742	.09787	.19220	207.17	3.0622	45.479
#2	.00476	19.500	.22559	.09692	.19302	207.22	3.0665	45.622

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14358	-.00151	1.2727	.32550	.49552	26.187	.00039	-.02428
Stddev	.00007	.00000	.0096	.00049	.00175	.274	.00028	.00015
%RSD	.04938	.23300	.75391	.14909	.35275	1.0461	70.877	.63483
#1	.14353	-.00151	1.2795	.32585	.49675	26.380	.00058	-.02438
#2	.14363	-.00152	1.2659	.32516	.49428	25.993	.00019	-.02417

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.94741	1.3577	-.00287	9.6107	.1544
Stddev	.00084	.0144	.00002	.0281	.0029
%RSD	.08865	1.0587	.79540	.29251	1.890
#1	.94800	1.3476	-.00285	9.6305	.1564
#2	.94682	1.3679	-.00288	9.5908	.1523

Sample Name: Z4923-08 Acquired: 10/16/2008 08:38:44 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	-.00396	.05290	-.01042	.00567	166.35	1.7432	.00421
Stddev	.00147	.00170	.00142	.00079	.00120	.64	.0038	.00007
%RSD	212.40	42.950	2.6750	7.5461	21.085	.38491	.21987	1.7235
#1	.00174	-.00276	.05390	-.01097	.00652	165.90	1.7405	.00415
#2	-.00035	-.00516	.05190	-.00986	.00482	166.80	1.7459	.00426

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00568	20.786	.27062	.13451	.24958	272.05	6.3149	65.938
Stddev	.00020	.129	.00038	.00067	.00013	1.56	.0317	.369
%RSD	3.6050	.62071	.14185	.49901	.05196	.57400	.50139	.55932
#1	.00583	20.695	.27035	.13498	.24949	270.95	6.2925	65.678
#2	.00554	20.877	.27090	.13403	.24967	273.15	6.3373	66.199

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19286	-.00252	1.3684	.40521	.50743	51.098	.00062	-.03399
Stddev	.00036	.00029	.0018	.00116	.00281	.087	.00038	.00018
%RSD	.18911	11.481	.12876	.28657	.55376	.16999	62.339	.53249
#1	.19260	-.00272	1.3696	.40439	.50942	51.160	.00034	-.03387
#2	.19312	-.00231	1.3671	.40603	.50545	51.037	.00089	-.03412

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.42078	1.2005	-.00494	12.777	.2110
Stddev	.00074	.0158	.00089	.035	.0004
%RSD	.17522	1.3143	18.041	.27578	.1951
#1	.42026	1.1893	-.00431	12.752	.2113
#2	.42130	1.2116	-.00557	12.802	.2107

Sample Name: Z4923-09 Acquired: 10/16/2008 08:40:43 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06771	-.00353	.14246	-.00410	.00460	99.900	.96645	.00263
Stddev	.00093	.00106	.00132	.00002	.00047	.011	.00257	.00006
%RSD	1.3692	30.125	.92748	.42911	10.329	.01126	.26639	2.2612
#1	.06705	-.00428	.14339	-.00409	.00493	99.908	.96827	.00259
#2	.06836	-.00278	.14152	-.00411	.00426	99.892	.96463	.00267

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00521	84.439	.16728	.07510	.21424	168.15	2.9423	71.928
Stddev	.00017	.186	.00111	.00032	.00023	.32	.0060	.079
%RSD	3.2762	.21977	.66401	.42327	.10690	.19250	.20550	.10944
#1	.00533	84.307	.16650	.07487	.21408	167.92	2.9380	71.872
#2	.00509	84.570	.16807	.07532	.21440	168.37	2.9466	71.984

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11001	-.00179	1.2241	.25790	.46905	27.048	.00141	-.01390
Stddev	.00006	.00004	.0091	.00046	.00068	.240	.00028	.00111
%RSD	.05309	2.0836	.74025	.17860	.14473	.88721	19.814	8.0153
#1	.10997	-.00181	1.2305	.25823	.46953	27.218	.00160	-.01469
#2	.11005	-.00176	1.2177	.25758	.46857	26.879	.00121	-.01311

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.1433	1.8025	-.00151	7.5912	.1359
Stddev	.0088	.0044	.00060	.0087	.0003
%RSD	.40877	.24207	39.501	.11419	.1876
#1	2.1495	1.8055	-.00109	7.5973	.1360
#2	2.1371	1.7994	-.00194	7.5851	.1357

Sample Name: CRI Acquired: 10/16/2008 08:42:34 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01053	.02651	.01086	.04209	.06348	.00401	-.00021	.00565
Stddev	.00113	.00097	.00105	.00008	.00218	.00278	.00018	.00002
%RSD	10.718	3.6490	9.6282	.19002	3.4358	69.187	84.096	.33012
#1	.01132	.02583	.01160	.04203	.06502	.00205	-.00033	.00563
#2	.00973	.02719	.01012	.04214	.06193	.00597	-.00008	.00566

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00587	-.00209	.01100	.05933	.03010	.12636	.01714	-.00296
Stddev	.00013	.00284	.00020	.00022	.00001	.00352	.00043	.03235
%RSD	2.1688	136.21	1.8190	.36768	.03128	2.7881	2.4969	1091.8
#1	.00596	-.00410	.01086	.05949	.03010	.12387	.01684	.01991
#2	.00578	-.00008	.01114	.05918	.03009	.12885	.01745	-.02584

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04625	.01141	-.02607	.05547	.07189	-.00862	1.1315	1.0798
Stddev	.00024	.00012	.00513	.00047	.00042	.00624	.0004	.0006
%RSD	.51756	1.0251	19.658	.85319	.59048	72.425	.03550	.05381
#1	.04642	.01133	-.02245	.05514	.07219	-.00420	1.1317	1.0802
#2	.04608	.01149	-.02970	.05581	.07159	-.01303	1.1312	1.0794

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F.00057	F1.1087	F1.1521	F1.1263	F.0013
Stddev	.00108	.0109	.0020	.0043	.0011
%RSD	189.08	.98091	.17413	.38464	87.25
#1	.00134	1.1010	1.1535	1.1232	.0021
#2	-.00019	1.1164	1.1507	1.1293	.0005

Sample Name: ICSA Acquired: 10/16/2008 08:44:15 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00529	-.00123	.00928	-.00218	.00247	233.32	.00234	.00063
Stddev	.00085	.00063	.00020	.00219	.00011	.30	.00008	.00000
%RSD	16.078	51.190	2.1856	100.46	4.3991	.12870	3.5675	.09589
#1	.00468	-.00168	.00942	-.00063	.00240	233.11	.00240	.00063
#2	.00589	-.00079	.00914	-.00373	.00255	233.53	.00228	.00063

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	259.13	.04249	.00441	.03045	99.180	.02068	268.57
Stddev	.00023	2.98	.00043	.00001	.00077	.481	.00043	1.65
%RSD	10.377	1.1484	1.0192	.33699	2.5267	.48455	2.0583	.61556
#1	.00233	257.03	.04280	.00440	.03099	98.840	.02038	267.40
#2	.00201	261.24	.04219	.00442	.02990	99.520	.02098	269.74

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02011	-.00086	.84800	.00244	.03006	-.02594	-.00059	-.02368
Stddev	.00016	.00035	.00308	.00046	.00022	.00954	.00057	.00036
%RSD	.81060	41.383	.36314	18.712	.74765	36.779	96.653	1.5182
#1	.02000	-.00061	.84583	.00212	.03022	-.01919	-.00100	-.02342
#2	.02023	-.00111	.85018	.00276	.02991	-.03268	-.00019	-.02393

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06673	-.00036	.00205	-.00561	.0077
Stddev	.00024	.01371	.00070	.00008	.0001
%RSD	.35873	3814.5	33.990	1.3609	.9159
#1	.06690	.00934	.00254	-.00566	.0077
#2	.06656	-.01006	.00155	-.00555	.0078

Sample Name: ICSAB Acquired: 10/16/2008 08:46:17 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09991	.09606	.05870	.05417	.60108	236.12	.53562	.49995
Stddev	.00441	.00082	.00092	.00348	.00087	1.40	.00280	.00018
%RSD	4.4165	.85420	1.5623	6.4207	.14521	.59261	.52249	.03667
#1	.09679	.09548	.05805	.05171	.60170	235.13	.53364	.49982
#2	.10303	.09664	.05935	.05663	.60047	237.11	.53760	.50008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95745	263.21	.52389	.47591	.50367	100.20	.53930	271.19
Stddev	.00014	1.14	.00155	.00009	.00147	.31	.00527	.90
%RSD	.01487	.43253	.29607	.01823	.29277	.31269	.97772	.33051
#1	.95755	262.41	.52499	.47597	.50471	99.976	.53557	270.56
#2	.95735	264.02	.52279	.47585	.50262	100.42	.54303	271.83

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99107	.20720	.85583	.48522	.97727	-.01220	-.00084	-.02670
Stddev	.00160	.00027	.01088	.00006	.00100	.00967	.00031	.00031
%RSD	.16113	.12956	1.2712	.01149	.10183	79.246	36.844	1.1655
#1	.99220	.20739	.84814	.48518	.97798	-.00536	-.00106	-.02648
#2	.98994	.20701	.86353	.48526	.97657	-.01904	-.00062	-.02692

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07166	-.00674	.00214	-.00645	F.0075
Stddev	.00229	.00179	.00122	.00011	.0008
%RSD	3.1919	26.534	57.149	1.6739	10.29
#1	.07328	-.00801	.00127	-.00653	.0081
#2	.07005	-.00548	.00300	-.00638	.0070

Sample Name: CCV Acquired: 10/16/2008 08:48:03 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCV Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2851	5.2868	5.2959	5.3563	5.2494	10.172	10.707	.26468	2.6768
Stddev	.0072	.0041	.0135	.0128	.0079	.049	.064	.00003	.0052
%RSD	.13583	.07808	.25516	.23955	.15041	.48112	.59933	.00966	.19379
#1	5.2902	5.2897	5.3054	5.3654	5.2550	10.206	10.662	.26466	2.6805
#2	5.2800	5.2839	5.2863	5.3472	5.2438	10.137	10.752	.26470	2.6731

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.330	1.0551	2.6481	1.3306	5.4204	2.7267	26.394	2.6793	1.3077
Stddev	.082	.0041	.0037	.0034	.0237	.0044	.054	.0101	.0007
%RSD	.29884	.38957	.14095	.25265	.43691	.16147	.20325	.37689	.05486
#1	27.388	1.0522	2.6507	1.3330	5.4037	2.7235	26.432	2.6865	1.3072
#2	27.273	1.0580	2.6454	1.3282	5.4371	2.7298	26.356	2.6722	1.3082

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.264	2.5954	2.6952	25.860	5.2411	5.1297	5.1446	5.2275	5.3281
Stddev	.019	.0117	.0065	.002	.0119	.0079	.0027	.0496	.0159
%RSD	.07108	.45001	.24014	.00782	.22623	.15397	.05295	.94866	.29892
#1	26.251	2.6037	2.6997	25.861	5.2494	5.1353	5.1465	5.1925	5.3394
#2	26.277	2.5872	2.6906	25.858	5.2327	5.1241	5.1426	5.2626	5.3169

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	5.3789	5.156
Stddev	.0102	.017
%RSD	.18982	.3260
#1	5.3717	5.144
#2	5.3862	5.168

Sample Name: CCB Acquired: 10/16/2008 08:49:47 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00190	-.00062	-.00040	-.00080	.00440	.00016	-.00003
Stddev	.00084	.00061	.00057	.00130	.00102	.00040	.00031	.00000
%RSD	154.39	31.872	91.767	325.92	127.35	9.0413	189.43	12.747
#1	.00113	-.00233	-.00102	-.00132	-.00008	.00412	.00038	-.00004
#2	-.00005	-.00147	-.00022	.00052	-.00152	.00468	-.00006	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00798	-.00024	.00029	.00007	.00550	-.00033	.00593
Stddev	.00008	.00814	.00020	.00008	.00043	.00924	.00005	.01140
%RSD	299.64	102.05	83.584	28.772	602.26	167.92	16.174	192.33
#1	.00009	-.00222	-.00010	.00023	.00038	.01203	-.00037	.01399
#2	-.00003	-.01374	-.00039	.00035	-.00023	-.00103	-.00029	-.00213

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00003	-.02377	.00016	.00007	-.03317	-.00003	.00138
Stddev	.00014	.00020	.00368	.00014	.00019	.02404	.00019	.00144
%RSD	254.87	602.02	15.492	84.354	289.07	72.492	581.18	104.30
#1	-.00004	.00017	-.02637	.00026	.00020	-.05017	.00010	.00239
#2	.00016	-.00011	-.02116	.00007	-.00007	-.01617	-.00017	.00036

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00167	.00915	.00018	-.00097	<.0000
Stddev	.00270	.00742	.00048	.00081	.0001
%RSD	161.81	81.070	262.99	82.922	15.33
#1	.00024	.01439	.00053	-.00154	-.0006
#2	-.00358	.00390	-.00016	-.00040	-.0008

Sample Name: Z4923-10 Acquired: 10/16/2008 08:51:38 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	-.00464	.12699	-.00815	.00349	140.82	1.3707	.00346
Stddev	.00077	.00184	.00043	.00270	.00191	.32	.0085	.00006
%RSD	75.220	39.543	.33634	33.141	54.512	.22623	.62148	1.7581
#1	-.00048	-.00334	.12669	-.01006	.00215	140.60	1.3767	.00351
#2	-.00158	-.00594	.12730	-.00624	.00484	141.05	1.3646	.00342

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00439	25.470	.21616	.10296	.19788	214.46	3.0203	53.594
Stddev	.00009	.096	.00024	.00028	.00005	.13	.0021	.055
%RSD	2.1211	.37494	.11195	.27373	.02710	.06109	.06988	.10212
#1	.00445	25.538	.21633	.10276	.19784	214.37	3.0188	53.632
#2	.00432	25.403	.21598	.10316	.19791	214.55	3.0218	53.555

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14215	-.00147	1.4573	.34935	.46892	37.363	-.00031	-.02061
Stddev	.00052	.00005	.0087	.00032	.00069	.082	.00022	.00023
%RSD	.36792	3.6852	.59822	.09064	.14779	.21997	72.924	1.1066
#1	.14178	-.00143	1.4634	.34912	.46941	37.421	-.00047	-.02045
#2	.14252	-.00150	1.4511	.34957	.46843	37.305	-.00015	-.02077

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.44797	1.7324	-.00349	11.590	.1660
Stddev	.00145	.0179	.00028	.031	.0003
%RSD	.32347	1.0334	8.1111	.26930	.1537
#1	.44695	1.7197	-.00329	11.612	.1658
#2	.44900	1.7451	-.00369	11.568	.1662

Sample Name: Z4923-11 Acquired: 10/16/2008 08:53:13 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00592	-.00587	.09080	-.00513	.00762	164.74	1.1707	.00567
Stddev	.00387	.00095	.00048	.00218	.00217	.98	.0010	.00002
%RSD	65.378	16.158	.52359	42.510	28.534	.59205	.08581	.38104
#1	.00319	-.00520	.09114	-.00667	.00608	164.05	1.1700	.00568
#2	.00866	-.00654	.09046	-.00359	.00916	165.42	1.1714	.00565

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00490	9.2059	.19170	.08097	.12924	193.15	3.8006	31.409
Stddev	.00008	.0273	.00021	.00034	.00090	.40	.0127	.079
%RSD	1.7260	.29639	.10711	.42602	.69585	.20919	.33339	.25144
#1	.00496	9.1866	.19184	.08121	.12860	192.87	3.7917	31.353
#2	.00484	9.2252	.19155	.08073	.12987	193.44	3.8096	31.464

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11634	-.00020	.83287	.28827	.53092	8.9648	.00118	-.02168
Stddev	.00014	.00003	.00768	.00043	.00071	.0162	.00036	.00009
%RSD	.12304	14.387	.92168	.14916	.13435	.18044	30.207	.42396
#1	.11624	-.00018	.83830	.28797	.53041	8.9762	.00143	-.02161
#2	.11644	-.00022	.82745	.28858	.53142	8.9534	.00093	-.02174

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.1027	2.3130	.00240	7.9184	.1173
Stddev	.0014	.0285	.00044	.0134	.0005
%RSD	.12389	1.2299	18.413	.16975	.4613
#1	1.1017	2.2929	.00272	7.9089	.1169
#2	1.1037	2.3331	.00209	7.9279	.1177

Sample Name: Z4923-12 Acquired: 10/16/2008 08:55:20 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00433	-.00379	.04676	-.00915	.00765	180.73	3.6704	.00428
Stddev	.00302	.00121	.00234	.00124	.00047	.20	.0228	.00006
%RSD	69.727	31.946	5.0002	13.562	6.1833	.11125	.62048	1.5174
#1	-.00219	-.00464	.04842	-.01003	.00799	180.88	3.6543	.00433
#2	-.00646	-.00293	.04511	-.00827	.00732	180.59	3.6865	.00424

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00600	27.215	.23707	.14274	.26149	274.31	4.6919	60.598
Stddev	.00013	.264	.00085	.00037	.00075	1.57	.0339	.337
%RSD	2.0993	.96870	.35696	.25905	.28698	.57073	.72325	.55640
#1	.00609	27.028	.23647	.14301	.26202	273.21	4.6679	60.359
#2	.00591	27.401	.23767	.14248	.26096	275.42	4.7159	60.836

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16162	-.00267	1.3902	.42972	.49901	48.849	.00024	-.03613
Stddev	.00129	.00010	.0262	.00070	.00073	.285	.00027	.00061
%RSD	.79806	3.7975	1.8841	.16191	.14548	.58256	112.71	1.6855
#1	.16253	-.00260	1.3717	.42922	.49952	48.647	.00005	-.03656
#2	.16071	-.00274	1.4088	.43021	.49850	49.050	.00043	-.03570

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36603	1.1722	-.00871	15.906	.1706
Stddev	.00171	.0015	.00138	.072	.0030
%RSD	.46606	.12683	15.818	.45200	1.734
#1	.36723	1.1712	-.00968	15.855	.1685
#2	.36482	1.1733	-.00773	15.957	.1727

Sample Name: Z4923-13 Acquired: 10/16/2008 08:57:17 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00833	-.00528	.10067	-.00272	.00460	165.59	1.0138	.00554
Stddev	.00133	.00104	.00048	.00044	.00191	.57	.0035	.00001
%RSD	15.984	19.599	.47585	16.134	41.627	.34721	.34957	.10024
#1	.00927	-.00455	.10101	-.00303	.00595	165.19	1.0113	.00554
#2	.00739	-.00601	.10033	-.00241	.00324	166.00	1.0163	.00553

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00427	8.5716	.17865	.06750	.09919	190.08	2.7871	28.865
Stddev	.00002	.0577	.00179	.00021	.00004	.83	.0145	.089
%RSD	.45339	.67290	1.0023	.31375	.03759	.43583	.52182	.30740
#1	.00425	8.5308	.17738	.06735	.09917	189.49	2.7768	28.803
#2	.00428	8.6124	.17992	.06765	.09922	190.66	2.7974	28.928

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10663	-.00110	.79005	.28438	.55627	7.1139	.00238	-.02316
Stddev	.00106	.00019	.01102	.00023	.00082	.0387	.00023	.00028
%RSD	.99705	17.654	1.3954	.08042	.14795	.54395	9.6659	1.2263
#1	.10738	-.00124	.78225	.28422	.55569	7.1413	.00255	-.02296
#2	.10588	-.00096	.79784	.28454	.55685	7.0866	.00222	-.02336

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3613	2.9471	-.00011	6.8040	.1199
Stddev	.0013	.0967	.00052	.0394	.0002
%RSD	.09590	3.2802	492.83	.57838	.1786
#1	1.3604	2.8788	-.00048	6.7762	.1197
#2	1.3623	3.0155	.00026	6.8318	.1200

Sample Name: Z4923-13D Acquired: 10/16/2008 08:59:01 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00764	-.00688	.10021	-.00238	.00457	164.10	1.0203	.00550
Stddev	.00047	.00130	.00087	.00044	.00167	.72	.0044	.00010
%RSD	6.1326	18.859	.86668	18.394	36.599	.43937	.43117	1.8832
#1	.00798	-.00596	.10083	-.00207	.00575	163.59	1.0172	.00543
#2	.00731	-.00780	.09960	-.00269	.00338	164.61	1.0234	.00558

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00442	8.6608	.17973	.06807	.09739	191.13	2.8045	28.944
Stddev	.00014	.0333	.00028	.00008	.00038	1.12	.0199	.180
%RSD	3.1880	.38415	.15540	.12017	.38561	.58815	.71147	.62099
#1	.00452	8.6373	.17953	.06812	.09765	190.34	2.7904	28.817
#2	.00433	8.6844	.17993	.06801	.09712	191.93	2.8187	29.072

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10652	-.00113	.79131	.28267	.55475	7.1002	.00238	-.02379
Stddev	.00036	.00034	.00098	.00005	.00095	.0117	.00010	.00033
%RSD	.34004	30.611	.12390	.01869	.17202	.16540	4.2582	1.4028
#1	.10678	-.00137	.79062	.28263	.55542	7.0919	.00231	-.02355
#2	.10627	-.00088	.79201	.28271	.55407	7.1085	.00245	-.02403

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3734	2.9618	.00006	6.8319	.1195
Stddev	.0043	.0155	.00034	.0372	.0008
%RSD	.31670	.52172	530.33	.54383	.6896
#1	1.3765	2.9508	.00031	6.8057	.1189
#2	1.3703	2.9727	-.00018	6.8582	.1201

Sample Name: Z4923-13L Acquired: 10/16/2008 09:00:45 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	-.00386	.01816	.00020	.00178	31.198	.18600	.00103
Stddev	.00145	.00000	.00183	.00067	.00032	.115	.00059	.00003
%RSD	141.08	.04334	10.103	338.96	18.079	.36734	.31844	2.7321
#1	.00000	-.00386	.01946	.00067	.00201	31.117	.18558	.00101
#2	-.00205	-.00386	.01686	-.00028	.00155	31.279	.18642	.00105

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	1.6206	.03488	.01318	.01971	36.693	.52924	5.4634
Stddev	.00007	.0054	.00043	.00002	.00019	.040	.00315	.0246
%RSD	11.258	.33383	1.2277	.16765	.95082	.10827	.59440	.45100
#1	.00064	1.6168	.03458	.01320	.01957	36.665	.52702	5.4808
#2	.00054	1.6245	.03518	.01317	.01984	36.721	.53147	5.4460

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02062	-.00018	.10146	.05362	.11091	1.2241	.00009	-.02216
Stddev	.00030	.00002	.00799	.00027	.00045	.0471	.00030	.00010
%RSD	1.4382	10.170	7.8717	.51165	.40496	3.8467	342.93	.45686
#1	.02041	-.00019	.09581	.05381	.11123	1.1908	-.00013	-.02209
#2	.02083	-.00016	.10711	.05342	.11060	1.2574	.00030	-.02223

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27696	.55288	.00228	1.2646	.0230
Stddev	.00148	.00058	.00010	.0038	.0012
%RSD	.53397	.10432	4.2006	.30286	5.126
#1	.27592	.55247	.00235	1.2619	.0222
#2	.27801	.55329	.00221	1.2673	.0238

Sample Name: Z4923-13S Acquired: 10/16/2008 09:02:28 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09829	.10881	.14383	.10355	.23568	165.61	6.0343	.11791
Stddev	.00038	.00046	.00174	.00275	.00308	.87	.0132	.00013
%RSD	.38451	.42655	1.2070	2.6555	1.3077	.52275	.21928	.11004
#1	.09856	.10848	.14506	.10161	.23786	165.00	6.0249	.11782
#2	.09802	.10914	.14261	.10550	.23351	166.22	6.0436	.11800

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12105	8.3471	.65632	1.2298	.66350	187.57	3.9097	28.291
Stddev	.00034	.0656	.00423	.0019	.00203	.72	.0154	.204
%RSD	.28039	.78620	.64404	.15161	.30530	.38239	.39459	.71941
#1	.12081	8.3007	.65333	1.2285	.66206	187.06	3.8988	28.147
#2	.12129	8.3935	.65930	1.2311	.66493	188.07	3.9206	28.434

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2694	.05281	.76327	1.4438	1.6820	6.8430	.00172	-.02386
Stddev	.0012	.00013	.00157	.0039	.0037	.0008	.00028	.00150
%RSD	.09288	.24561	.20625	.26858	.21745	.01228	15.996	6.2957
#1	1.2685	.05272	.76216	1.4410	1.6794	6.8436	.00153	-.02280
#2	1.2702	.05290	.76439	1.4465	1.6846	6.8424	.00192	-.02492

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3351	2.9458	-.00011	6.6077	.1162
Stddev	.0022	.0092	.00098	.0128	.0006
%RSD	.16353	.31301	873.59	.19326	.5553
#1	1.3335	2.9393	.00058	6.5986	.1158
#2	1.3366	2.9523	-.00080	6.6167	.1167

Sample Name: Z4923-13A Acquired: 10/16/2008 09:04:50 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09849	.11075	.14309	.10354	.24177	164.77	6.1577	.11905
Stddev	.00109	.00032	.00033	.00099	.00034	.70	.0087	.00013
%RSD	1.1078	.29006	.22829	.95261	.13906	.42432	.14164	.11109
#1	.09926	.11097	.14332	.10284	.24153	165.27	6.1638	.11896
#2	.09772	.11052	.14286	.10424	.24201	164.28	6.1515	.11914

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12207	8.4526	.66876	1.2424	.66712	190.63	3.9880	28.759
Stddev	.00034	.0131	.00183	.0022	.00044	.14	.0085	.093
%RSD	.28043	.15544	.27393	.17583	.06642	.07179	.21269	.32257
#1	.12231	8.4433	.67005	1.2439	.66743	190.53	3.9820	28.694
#2	.12183	8.4619	.66746	1.2408	.66680	190.72	3.9940	28.825

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2763	.05297	.77310	1.4568	1.6984	6.9335	.00228	-.02290
Stddev	.0028	.00027	.00061	.0025	.0033	.0264	.00013	.00108
%RSD	.21866	.51804	.07921	.17096	.19594	.38114	5.8832	4.7303
#1	1.2783	.05277	.77353	1.4550	1.7007	6.9522	.00237	-.02366
#2	1.2743	.05316	.77267	1.4585	1.6960	6.9148	.00218	-.02213

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3482	2.9341	.00008	6.7269	.1153
Stddev	.0070	.0568	.00031	.0096	.0010
%RSD	.52109	1.9375	399.78	.14210	.8520
#1	1.3532	2.9743	.00030	6.7202	.1160
#2	1.3433	2.8939	-.00014	6.7337	.1146

Sample Name: Z4923-14 Acquired: 10/16/2008 09:06:34 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00500	-.00493	.04870	-.00754	.00585	158.54	1.5072	.00427
Stddev	.00292	.00126	.00042	.00002	.00088	.29	.0040	.00003
%RSD	58.444	25.545	.86848	.30982	15.094	.18195	.26218	.64977
#1	.00293	-.00582	.04840	-.00756	.00647	158.34	1.5100	.00425
#2	.00706	-.00404	.04900	-.00752	.00523	158.75	1.5044	.00429

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00496	15.954	.23821	.10210	.21429	254.75	4.5105	45.088
Stddev	.00014	.027	.00041	.00001	.00126	.60	.0024	.158
%RSD	2.9007	.17071	.17200	.00590	.58947	.23497	.05261	.34950
#1	.00506	15.935	.23792	.10210	.21340	254.33	4.5088	44.977
#2	.00486	15.974	.23850	.10211	.21519	255.17	4.5121	45.200

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14079	-.00202	1.3411	.38823	.38905	30.180	.00527	-.03242
Stddev	.00053	.00014	.0162	.00192	.00023	.111	.00001	.00051
%RSD	.37509	6.8148	1.2110	.49541	.06013	.36766	.09851	1.5618
#1	.14116	-.00212	1.3526	.38687	.38888	30.258	.00528	-.03278
#2	.14042	-.00192	1.3296	.38959	.38921	30.101	.00527	-.03206

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33456	1.6789	-.00487	10.998	.1376
Stddev	.00076	.0447	.00001	.019	.0008
%RSD	.22834	2.6642	.18731	.16989	.5560
#1	.33510	1.6473	-.00488	11.011	.1382
#2	.33402	1.7105	-.00486	10.985	.1371

Sample Name: Z4923-15 Acquired: 10/16/2008 09:08:35 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01100	-.00371	.06092	-.00403	.00431	141.60	.68186	.00378
Stddev	.00123	.00131	.00145	.00104	.00147	.02	.00668	.00006
%RSD	11.173	35.315	2.3757	25.773	34.135	.01175	.97914	1.6992
#1	.01187	-.00278	.06194	-.00477	.00327	141.59	.68658	.00374
#2	.01013	-.00463	.05990	-.00330	.00535	141.61	.67714	.00383

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00426	7.9695	.18775	.08340	.10676	197.19	2.0269	34.630
Stddev	.00023	.0574	.00028	.00034	.00041	.88	.0125	.231
%RSD	5.4718	.72008	.15009	.40784	.38235	.44710	.61621	.66760
#1	.00409	8.0101	.18795	.08365	.10647	197.81	2.0358	34.793
#2	.00442	7.9289	.18755	.08316	.10704	196.56	2.0181	34.466

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10898	-.00094	1.0292	.30605	.40253	9.9574	.00066	-.02633
Stddev	.00018	.00025	.0278	.00032	.00055	.1132	.00007	.00066
%RSD	.16959	26.753	2.6968	.10305	.13721	1.1365	10.766	2.5241
#1	.10885	-.00112	1.0488	.30627	.40214	10.037	.00061	-.02586
#2	.10911	-.00076	1.0095	.30582	.40293	9.8773	.00071	-.02680

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.53590	1.9917	-.00234	8.1159	.1192
Stddev	.00033	.0290	.00078	.0588	.0001
%RSD	.06147	1.4536	33.281	.72489	.0559
#1	.53613	2.0122	-.00289	8.1575	.1191
#2	.53566	1.9713	-.00179	8.0743	.1192

Sample Name: CCV Acquired: 10/16/2008 09:10:37 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCV Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2377	5.3035	5.3028	5.3520	5.2311	10.139	10.551	.26189	2.6788
Stddev	.0001	.0064	.0129	.0036	.0013	.072	.113	.00101	.0009
%RSD	.00204	.12143	.24277	.06664	.02406	.70981	1.0671	.38472	.03469
#1	5.2376	5.3081	5.2937	5.3545	5.2320	10.088	10.472	.26118	2.6781
#2	5.2378	5.2990	5.3119	5.3495	5.2302	10.190	10.631	.26261	2.6795

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.146	1.0619	2.6407	1.3256	5.4186	2.7075	26.690	2.6574	1.3080
Stddev	.145	.0017	.0010	.0004	.0070	.0122	.017	.0041	.0005
%RSD	.53585	.15844	.03639	.02944	.12949	.45027	.06298	.15394	.04029
#1	27.043	1.0631	2.6400	1.3253	5.4236	2.6989	26.702	2.6545	1.3077
#2	27.249	1.0607	2.6414	1.3259	5.4137	2.7161	26.678	2.6603	1.3084

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.806	2.5966	2.7075	25.493	5.2816	5.1476	5.1881	5.3870	5.3208
Stddev	.107	.0103	.0059	.156	.0018	.0084	.0089	.0827	.0105
%RSD	.41414	.39675	.21808	.61134	.03420	.16416	.17250	1.5349	.19669
#1	25.730	2.5893	2.7034	25.382	5.2803	5.1416	5.1945	5.4455	5.3134
#2	25.881	2.6039	2.7117	25.603	5.2829	5.1536	5.1818	5.3285	5.3282

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	5.3340	5.028
Stddev	.0240	.025
%RSD	.44959	.5028
#1	5.3171	5.010
#2	5.3510	5.046

Sample Name: CCB Acquired: 10/16/2008 09:12:29 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	-.00206	.00024	-.00069	.00049	.00413	-.00027
Stddev	.00161	.00323	.00201	.00158	.00047	.00010	.00085
%RSD	263.92	156.97	851.19	227.29	96.485	2.4866	311.26
#1	.00053	.00023	-.00119	-.00181	.00082	.00420	.00033
#2	-.00175	-.00434	.00166	.00042	.00015	.00405	-.00087

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00003	-.00545	-.00053	.00018	.00039	.01040
Stddev	.00007	.00016	.00429	.00017	.00022	.00015	.00231
%RSD	169.18	552.18	78.601	32.076	124.53	37.808	22.213
#1	.00001	.00008	-.00242	-.00041	.00002	.00049	.00876
#2	-.00008	-.00014	-.00848	-.00065	.00034	.00028	.01203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.02015	-.00086	.00042	-.04718	-.00011	.00073
Stddev	.00034	.01341	.00167	.00018	.00141	.00008	.00258
%RSD	178.02	66.551	193.64	42.457	2.9798	66.821	353.56
#1	.00043	.02963	.00032	.00054	-.04817	-.00017	.00256
#2	-.00005	.01067	-.00204	.00029	-.04618	-.00006	-.00110

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	.00009	-.00145	.00058	F-.01258	-.00047	.00022
Stddev	.03568	.00041	.00158	.00484	.00750	.00167	.00002
%RSD	4710.8	448.89	108.61	828.44	59.580	357.71	9.9243
#1	.02447	.00039	-.00034	.00401	-.00728	.00071	.00021
#2	-.02598	-.00020	-.00257	-.00284	-.01789	-.00164	.00024

Sample Name: CCB Acquired: 10/16/2008 09:12:29 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	.0010
Stddev	.0003
%RSD	35.06
#1	.0007
#2	.0012

Sample Name: Z4923-16 Acquired: 10/16/2008 09:14:10 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	-.00441	.04320	-.01052	.00970	187.47	2.6366	.00433
Stddev	.00032	.00187	.00082	.00168	.00191	.23	.0119	.00006
%RSD	16.813	42.375	1.8973	15.924	19.680	.12521	.45264	1.4136
#1	.00167	-.00573	.04378	-.00934	.00835	187.30	2.6451	.00429
#2	.00212	-.00309	.04262	-.01171	.01105	187.63	2.6282	.00438

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00676	19.986	.29270	.13274	.29315	289.26	3.9507	63.229
Stddev	.00009	.040	.00045	.00005	.00111	.49	.0033	.082
%RSD	1.2766	.19901	.15389	.03751	.37862	.17022	.08338	.12897
#1	.00670	20.014	.29238	.13270	.29237	289.61	3.9530	63.171
#2	.00682	19.958	.29301	.13278	.29394	288.91	3.9484	63.287

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19098	-.00240	1.4369	.47172	.54506	60.758	-.00039	-.02700
Stddev	.00163	.00003	.0021	.00011	.00253	.288	.00033	.00128
%RSD	.85540	1.3653	.14547	.02248	.46417	.47415	84.886	4.7582
#1	.18982	-.00242	1.4383	.47179	.54327	60.961	-.00015	-.02609
#2	.19213	-.00238	1.4354	.47164	.54685	60.554	-.00062	-.02790

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34919	1.5336	-.00665	15.724	.1863
Stddev	.00187	.0228	.00077	.066	.0004
%RSD	.53501	1.4844	11.634	.41823	.1910
#1	.34787	1.5175	-.00719	15.770	.1866
#2	.35052	1.5497	-.00610	15.677	.1861

Sample Name: PB37216BL Acquired: 10/16/2008 09:18:33 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	-.00253	-.00126	-.00091	-.00005	-.00092	-.00068
Stddev	.00102	.00029	.00038	.00149	.00009	.00031	.00027
%RSD	61.984	11.319	30.593	163.56	200.89	33.139	40.084
#1	-.00236	-.00233	-.00153	-.00196	.00002	-.00071	-.00087
#2	-.00092	-.00273	-.00099	.00014	-.00011	-.00114	-.00048

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00005	-.00754	.00005	.00014	.00018	.02526
Stddev	.00002	.00012	.00262	.00020	.00016	.00011	.01409
%RSD	22.809	234.07	34.759	414.28	113.98	60.680	55.795
#1	-.00008	.00003	-.00569	.00019	.00026	.00025	.03523
#2	-.00006	-.00013	-.00939	-.00009	.00003	.00010	.01530

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.01280	-.00006	-.00003	-.07885	.00007	-.00070
Stddev	.00039	.00536	.00046	.00011	.01010	.00004	.00002
%RSD	124.29	41.903	760.67	428.46	12.811	66.644	2.5077
#1	-.00004	-.00901	-.00039	.00005	-.07171	.00003	-.00071
#2	-.00058	-.01659	.00027	-.00011	-.08599	.00010	-.00069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01737	-.00046	-.01881	-.00097	F-.02418	.00218	.00055
Stddev	.00236	.00001	.00008	.00067	.03329	.00023	.00013
%RSD	13.610	2.5584	.43561	68.325	137.67	10.348	22.906
#1	-.01569	-.00045	-.01875	-.00050	-.00064	.00234	.00064
#2	-.01904	-.00046	-.01886	-.00145	-.04771	.00202	.00046

Sample Name: PB37216BL Acquired: 10/16/2008 09:18:33 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	.0018
Stddev	.0006
%RSD	34.60
#1	.0014
#2	.0023

Sample Name: PB37216BS Acquired: 10/16/2008 09:20:15 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0446	1.0768	1.0646	1.0987	1.0899	2.6051	.56965
Stddev	.0024	.0001	.0010	.0022	.0055	.0008	.00221
%RSD	.23202	.01079	.09722	.19748	.50554	.02926	.38876
#1	1.0463	1.0768	1.0639	1.0971	1.0938	2.6056	.56809
#2	1.0429	1.0767	1.0654	1.1002	1.0860	2.6046	.57122

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52432	.53926	10.764	.53409	.52950	.53711	5.4357
Stddev	.00045	.00046	.005	.00125	.00043	.00067	.0211
%RSD	.08546	.08487	.04724	.23464	.08041	.12539	.38910
#1	.52464	.53958	10.767	.53498	.52920	.53663	5.4208
#2	.52400	.53894	10.760	.53321	.52980	.53759	5.4507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54031	6.1041	.54187	.53638	10.791	.52268	1.0855
Stddev	.00272	.0359	.00118	.00187	.060	.00091	.0016
%RSD	.50262	.58835	.21795	.34948	.55368	.17372	.14430
#1	.53839	6.1295	.54271	.53770	10.748	.52333	1.0866
#2	.54223	6.0787	.54104	.53505	10.833	.52204	1.0844

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.381	-.00078	-.02102	.02355	.11172	-.00117	F-.00198
Stddev	.035	.00028	.00011	.00066	.00954	.00016	.00020
%RSD	.33706	35.726	.54242	2.8084	8.5355	13.641	9.8878
#1	10.356	-.00058	-.02110	.02308	.11846	-.00106	-.00184
#2	10.405	-.00098	-.02094	.02402	.10497	-.00129	-.00212

Sample Name: PB37216BS Acquired: 10/16/2008 09:20:15 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	F<.0000
Stddev	.0004
%RSD	76.00
#1	-.0003
#2	-.0009

Sample Name: Z4932-02 Acquired: 10/16/2008 09:22:15 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	.00006	-.00009	-.00084	.00015	.01630	.00353	-.00003
Stddev	.00174	.00001	.00104	.00204	.00052	.00109	.00030	.00001
%RSD	229.80	19.130	1106.2	242.38	352.84	6.6750	8.5997	46.000
#1	-.00199	.00005	-.00083	-.00228	-.00022	.01553	.00374	-.00004
#2	.00047	.00006	.00064	.00060	.00052	.01707	.00331	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.06680	.00038	.00008	.00043	.02148	.00190	.00794
Stddev	.00003	.00763	.00019	.00007	.00002	.00121	.00047	.00620
%RSD	62.910	11.419	51.190	97.033	5.2061	5.6539	24.696	78.098
#1	.00003	.06140	.00024	.00013	.00042	.02234	.00223	.00356
#2	.00008	.07219	.00052	.00002	.00045	.02062	.00157	.01233

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.00005	-.03337	.00009	.01481	.00705	-.00050	-.02159
Stddev	.00027	.00048	.00513	.00019	.00016	.04369	.00001	.00021
%RSD	84.917	1017.3	15.357	207.16	1.0973	619.64	1.4220	.95989
#1	.00013	.00029	-.03700	-.00004	.01492	-.02384	-.00050	-.02144
#2	.00051	-.00038	-.02975	.00023	.01469	.03794	-.00051	-.02173

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04455	.08051	-.00138	-.00048	<.0000
Stddev	.00236	.01920	.00013	.00193	.0008
%RSD	5.3019	23.843	9.4061	402.42	61.68
#1	.04622	.06694	-.00147	-.00185	-.0018
#2	.04288	.09409	-.00129	.00089	-.0007

Sample Name: Z4932-03 Acquired: 10/16/2008 09:24:07 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.00128	-.00134	.00074	-.00123	.01952	.00039	-.00003
Stddev	.00061	.00078	.00124	.00096	.00004	.00162	.00021	.00003
%RSD	290.27	61.244	92.208	129.30	2.8550	8.2776	52.799	118.83
#1	.00064	-.00184	-.00222	.00141	-.00121	.01838	.00054	.00000
#2	-.00022	-.00073	-.00047	.00006	-.00126	.02066	.00024	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.07689	.00022	.00009	.00028	.01856	.00145	-.00296
Stddev	.00001	.00948	.00007	.00016	.00015	.00632	.00003	.00922
%RSD	10.135	12.326	30.996	175.11	52.884	34.051	2.2767	311.13
#1	-.00008	.08359	.00026	-.00002	.00039	.02302	.00143	.00356
#2	-.00009	.07019	.00017	.00021	.00018	.01409	.00147	-.00948

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	.00011	-.01972	-.00031	.02253	-.02121	-.00066	-.02262
Stddev	.00021	.00038	.01575	.00008	.00019	.03549	.00003	.00020
%RSD	50.968	332.02	79.857	24.904	.85892	167.37	4.2525	.89288
#1	.00027	-.00015	-.00859	-.00036	.02239	-.04630	-.00068	-.02248
#2	.00057	.00038	-.03086	-.00025	.02266	.00389	-.00064	-.02277

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03638	.04905	-.00139	-.00171	<.0000
Stddev	.00013	.02612	.00035	.00127	.0008
%RSD	.36175	53.243	25.072	74.585	111.7
#1	.03648	.03059	-.00164	-.00261	-.0002
#2	.03629	.06752	-.00114	-.00081	-.0013

Sample Name: PB37217BL Acquired: 10/16/2008 09:27:48 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00244	-.00201	-.00147	.00025	-.00100	-.00149	-.00052	-.00008
Stddev	.00074	.00041	.00090	.00049	.00168	.00048	.00002	.00004
%RSD	30.454	20.409	60.959	197.81	167.13	32.269	4.0840	49.903
#1	-.00191	-.00172	-.00211	-.00010	-.00219	-.00182	-.00054	-.00010
#2	-.00296	-.00231	-.00084	.00060	.00018	-.00115	-.00051	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.01077	-.00026	-.00003	.00028	.01100	-.00017	-.00249
Stddev	.00002	.00364	.00006	.00006	.00043	.00170	.00069	.00352
%RSD	14.134	33.743	23.470	205.22	154.47	15.478	393.74	141.42
#1	-.00011	-.01335	-.00021	-.00007	.00059	.00979	.00031	-.00498
#2	-.00013	-.00820	-.00030	.00001	-.00003	.01220	-.00066	.00000

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00000	-.04718	.00014	-.00060	-.04103	-.00053	-.02260
Stddev	.00001	.00002	.00666	.00032	.00000	.00288	.00001	.00060
%RSD	115.69	625.51	14.108	221.36	.27686	7.0216	1.9456	2.6412
#1	.00000	-.00001	-.05188	.00037	-.00061	-.04306	-.00054	-.02218
#2	-.00001	.00002	-.04247	-.00008	-.00060	-.03899	-.00053	-.02303

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00340	-.00979	.00271	-.00113	.0015
Stddev	.00210	.01392	.00112	.00052	.0004
%RSD	61.797	142.26	41.476	45.999	24.16
#1	-.00191	.00006	.00351	-.00076	.0012
#2	-.00488	-.01963	.00192	-.00149	.0017

Sample Name: PB37217BS Acquired: 10/16/2008 09:29:40 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3311	.08360	.52002	.09076	.71526	1.0516	.01486	.04738
Stddev	.0014	.00022	.00126	.00160	.00153	.0031	.00041	.00015
%RSD	.06214	.26328	.24168	1.7666	.21342	.29818	2.7886	.31817
#1	2.3321	.08375	.51913	.09189	.71634	1.0493	.01457	.04727
#2	2.3300	.08344	.52091	.08963	.71418	1.0538	.01515	.04748

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10208	454.00	.26243	.35642	15.438	64.145	.57843	286.85
Stddev	.00002	.45	.00018	.00008	.001	.163	.00194	.07
%RSD	.01718	.09939	.06677	.02230	.00800	.25448	.33502	.02355
#1	.10210	453.68	.26231	.35637	15.437	64.030	.57706	286.90
#2	.10207	454.32	.26256	.35648	15.439	64.261	.57980	286.81

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14724	.05788	1.0714	.16121	.42788	.16874	.12680	-.01513
Stddev	.00030	.00019	.0073	.00041	.00029	.02266	.00039	.00010
%RSD	.20565	.32589	.68433	.25342	.06691	13.431	.30413	.63478
#1	.14703	.05774	1.0766	.16150	.42768	.18477	.12653	-.01520
#2	.14746	.05801	1.0662	.16093	.42809	.15272	.12707	-.01507

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F.57496	1.7411	F.01494	F.04059	F.0037
Stddev	.00467	.0481	.00054	.00059	.0011
%RSD	.81290	2.7629	3.6358	1.4544	29.89
#1	.57827	1.7070	.01455	.04017	.0044
#2	.57166	1.7751	.01532	.04100	.0029

Sample Name: CRI Acquired: 10/16/2008 09:31:41 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01206	.02580	.01017	.04070	.06272	-.00018	.00009
Stddev	.00054	.00044	.00016	.00079	.00147	.00151	.00019
%RSD	4.5133	1.6896	1.5439	1.9375	2.3454	845.31	207.06
#1	.01167	.02549	.01028	.04126	.06376	.00089	.00022
#2	.01244	.02611	.01005	.04015	.06168	-.00125	-.00004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00561	.00585	.00923	.01154	.05882	.02973	.12198
Stddev	.00006	.00003	.00428	.00033	.00052	.00001	.00000
%RSD	1.1119	.55509	46.380	2.8583	.87609	.02553	.00081
#1	.00565	.00582	.01225	.01178	.05919	.02972	.12198
#2	.00556	.00587	.00620	.01131	.05846	.02973	.12198

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01692	-.00047	.04648	.01149	-.05694	.05480	.07215
Stddev	.00056	.04157	.00018	.00016	.00245	.00008	.00005
%RSD	3.3253	8768.1	.38894	1.3521	4.3040	.14810	.07273
#1	.01652	-.02987	.04635	.01138	-.05867	.05475	.07211
#2	.01732	.02892	.04660	.01160	-.05521	.05486	.07218

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04340	1.1290	1.0755	F-.00172	F1.0886	F1.1537	F1.1088
Stddev	.02197	.0019	.0031	.00103	.0180	.0020	.0068
%RSD	50.629	.16934	.28333	59.855	1.6500	.16959	.61116
#1	-.02786	1.1304	1.0733	-.00245	1.0759	1.1523	1.1040
#2	-.05894	1.1276	1.0777	-.00099	1.1013	1.1551	1.1136

Sample Name: CRI Acquired: 10/16/2008 09:31:41 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	F<.0000
Stddev	.0007
%RSD	157.1
#1	.0000
#2	-.0009

Sample Name: ICSA Acquired: 10/16/2008 09:33:42 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	-.00090	.00852	-.00289	-.00013	232.25	.00245	.00056
Stddev	.00053	.00088	.00036	.00054	.00240	.78	.00023	.00004
%RSD	24.217	97.637	4.2481	18.633	1911.4	.33557	9.3933	7.1356
#1	.00254	-.00152	.00827	-.00327	-.00182	232.80	.00229	.00059
#2	.00180	-.00028	.00878	-.00251	.00157	231.70	.00261	.00054

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	256.32	.04298	.00401	.03088	98.226	.02035	266.33
Stddev	.00003	.88	.00035	.00003	.00022	.353	.00053	.10
%RSD	1.1688	.34260	.80907	.65594	.72102	.35911	2.6082	.03895
#1	.00235	255.70	.04273	.00403	.03104	97.977	.01997	266.26
#2	.00239	256.95	.04323	.00399	.03073	98.476	.02073	266.41

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02007	-.00064	.80459	.00269	.02988	-.04812	-.00046	-.02605
Stddev	.00027	.00037	.01039	.00042	.00016	.04622	.00008	.00170
%RSD	1.3395	57.563	1.2916	15.464	.54126	96.044	17.976	6.5191
#1	.02026	-.00038	.79724	.00299	.02977	-.01544	-.00052	-.02485
#2	.01988	-.00090	.81194	.00240	.02999	-.08081	-.00040	-.02725

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06646	.00185	.00235	-.00566	.0050
Stddev	.00375	.00172	.00063	.00004	.0009
%RSD	5.6389	92.969	26.729	.79002	18.41
#1	.06911	.00306	.00279	-.00563	.0057
#2	.06381	.00063	.00190	-.00569	.0044

Sample Name: ICSAB Acquired: 10/16/2008 09:35:35 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10010	.09480	.05744	.05184	.60704	235.40	.52229	.49974
Stddev	.00185	.00003	.00023	.00208	.00117	1.46	.00005	.00060
%RSD	1.8449	.03476	.39971	4.0195	.19291	.62063	.00876	.12092
#1	.09879	.09478	.05728	.05037	.60621	234.36	.52232	.50017
#2	.10140	.09482	.05760	.05331	.60787	236.43	.52225	.49931

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96203	257.08	.52807	.47713	.50532	98.210	.52583	267.16
Stddev	.00055	.17	.00115	.00051	.00021	.106	.00106	.68
%RSD	.05695	.06670	.21820	.10770	.04171	.10783	.20103	.25408
#1	.96242	257.20	.52725	.47749	.50547	98.135	.52508	266.68
#2	.96164	256.96	.52888	.47677	.50517	98.285	.52658	267.64

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99286	.20746	.80904	.48644	.98048	-.06775	-.00079	-.02952
Stddev	.00039	.00034	.00475	.00081	.00124	.02796	.00019	.00127
%RSD	.03886	.16610	.58688	.16733	.12597	41.273	23.773	4.3145
#1	.99258	.20770	.81240	.48701	.98135	-.08752	-.00092	-.02862
#2	.99313	.20721	.80568	.48586	.97960	-.04798	-.00065	-.03042

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07024	-.02466	.00214	-.00683	F.0036
Stddev	.00046	.00446	.00042	.00038	.0002
%RSD	.65673	18.074	19.577	5.5821	6.503
#1	.07056	-.02151	.00184	-.00656	.0038
#2	.06991	-.02781	.00243	-.00710	.0034

Sample Name: CCV Acquired: 10/16/2008 09:44:08 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCV Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2066	5.2569	5.2379	5.3416	5.1992	10.097	10.098	.26133	2.6493
Stddev	.0085	.0083	.0105	.0038	.0010	.019	.020	.00041	.0078
%RSD	.16254	.15874	.20050	.07117	.01913	.19208	.20032	.15691	.29392
#1	5.2126	5.2628	5.2453	5.3443	5.1985	10.111	10.112	.26104	2.6548
#2	5.2006	5.2510	5.2305	5.3389	5.1999	10.084	10.084	.26162	2.6438

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.734	1.0499	2.6114	1.3153	5.1813	2.5943	25.358	2.6316	1.2926
Stddev	.124	.0000	.0066	.0022	.0070	.0049	.095	.0061	.0029
%RSD	.47996	.00158	.25288	.16335	.13449	.18939	.37486	.23086	.22234
#1	25.821	1.0499	2.6160	1.3168	5.1863	2.5978	25.425	2.6359	1.2905
#2	25.646	1.0499	2.6067	1.3138	5.1764	2.5909	25.291	2.6273	1.2946

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.250	2.5823	2.6660	25.128	5.2139	5.1723	5.1390	5.1998	5.2501
Stddev	.094	.0070	.0074	.117	.0129	.0228	.0156	.0104	.0133
%RSD	.37060	.26949	.27689	.46396	.24650	.44092	.30356	.19974	.25326
#1	25.184	2.5872	2.6712	25.045	5.2230	5.1884	5.1500	5.1925	5.2595
#2	25.316	2.5773	2.6608	25.210	5.2048	5.1561	5.1280	5.2072	5.2407

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	5.1395	5.004
Stddev	.0082	.017
%RSD	.15950	.3430
#1	5.1453	4.992
#2	5.1337	5.016

Sample Name: CCB Acquired: 10/16/2008 09:46:39 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	.00100	.00066	-.00096	.00023	-.00238	.00015	.00002
Stddev	.00012	.00054	.00058	.00011	.00004	.00083	.00030	.00003
%RSD	15.132	53.751	88.192	11.415	17.608	35.051	204.23	146.56
#1	.00071	.00139	.00107	-.00104	.00020	-.00297	.00036	.00000
#2	.00088	.00062	.00025	-.00088	.00026	-.00179	-.00006	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00374	.00021	.00018	.00039	.00696	-.00035	-.00391
Stddev	.00009	.01144	.00040	.00010	.00038	.00308	.00012	.02795
%RSD	255.67	305.92	189.04	53.262	96.995	44.294	35.770	715.43
#1	-.00003	.01183	-.00007	.00011	.00012	.00478	-.00044	.01586
#2	.00010	-.00435	.00050	.00025	.00066	.00914	-.00026	-.02367

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00007	.01712	-.00005	.00002	.03724	.00052	.03695
Stddev	.00008	.00017	.00724	.00047	.00013	.02105	.00028	.00220
%RSD	229.51	239.35	42.261	911.45	523.96	56.529	53.437	5.9472
#1	-.00009	-.00005	.02224	.00028	.00011	.02236	.00071	.03851
#2	.00002	.00019	.01200	-.00039	-.00007	.05213	.00032	.03540

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	F.01668	.00119	.00066	.0078
Stddev	.00013	.00668	.00038	.00097	.0010
%RSD	29.671	40.053	31.552	147.14	12.52
#1	-.00035	.02140	.00146	.00135	.0085
#2	-.00054	.01195	.00093	-.00003	.0071

Sample Name: Z4932-04 Acquired: 10/16/2008 09:48:29 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	-.00366	.20236	-.00132	.00360	63.687	.65379	.00480
Stddev	.00013	.00035	.00083	.00120	.00034	.085	.00138	.00001
%RSD	18.798	9.5017	.40948	90.643	9.5073	.13350	.21148	.20041
#1	.00059	-.00391	.20178	-.00048	.00384	63.627	.65282	.00479
#2	.00076	-.00342	.20295	-.00217	.00336	63.747	.65477	.00481

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00418	12.770	.08699	.04274	.15624	86.607	1.2165	18.005
Stddev	.00008	.028	.00036	.00039	.00038	.274	.0032	.010
%RSD	1.8727	.22126	.41144	.92288	.24237	.31633	.26488	.05467
#1	.00423	12.750	.08724	.04302	.15651	86.413	1.2143	17.998
#2	.00412	12.790	.08674	.04246	.15597	86.801	1.2188	18.012

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06373	-.00089	.99608	.16362	.40527	8.6018	.00497	.00809
Stddev	.00014	.00019	.00399	.00023	.00198	.0745	.00010	.00009
%RSD	.22323	21.814	.40014	.14299	.48749	.86613	1.9816	1.0740
#1	.06383	-.00076	.99890	.16345	.40667	8.5491	.00504	.00802
#2	.06363	-.00103	.99327	.16379	.40388	8.6544	.00490	.00815

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.3751	2.0181	-.00179	4.3774	.0652
Stddev	.0118	.0259	.00034	.0048	.0026
%RSD	.34906	1.2811	18.756	.10915	4.062
#1	3.3835	1.9998	-.00203	4.3740	.0633
#2	3.3668	2.0364	-.00155	4.3807	.0671

Sample Name: Z4932-05 Acquired: 10/16/2008 09:50:15 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00309	-.00185	.14116	-.00346	.00579	71.626	.89863	.00186
Stddev	.00004	.00023	.00032	.00032	.00344	.122	.00230	.00003
%RSD	1.3275	12.282	.22396	9.3293	59.460	.17026	.25556	1.3617
#1	.00312	-.00169	.14093	-.00324	.00336	71.540	.89701	.00187
#2	.00306	-.00202	.14138	-.00369	.00822	71.712	.90025	.00184

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00530	42.204	.13894	.05717	.16469	137.78	2.8059	31.362
Stddev	.00002	.183	.00108	.00024	.00092	.25	.0076	.043
%RSD	.44931	.43296	.77826	.41392	.55940	.18008	.27001	.13605
#1	.00531	42.075	.13818	.05700	.16404	137.60	2.8005	31.392
#2	.00528	42.333	.13971	.05733	.16534	137.95	2.8112	31.331

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08388	-.00101	1.2577	.18699	.58674	22.228	.00050	.01992
Stddev	.00046	.00035	.0020	.00082	.00105	.179	.00013	.00250
%RSD	.55410	34.452	.16089	.43751	.17848	.80339	26.189	12.539
#1	.08355	-.00126	1.2591	.18641	.58599	22.102	.00060	.02169
#2	.08421	-.00076	1.2563	.18757	.58748	22.355	.00041	.01815

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.3345	1.7990	-.00146	5.7792	.0957
Stddev	.0057	.0243	.00022	.0076	.0006
%RSD	.17011	1.3530	15.389	.13222	.5764
#1	3.3385	1.7818	-.00161	5.7737	.0953
#2	3.3305	1.8162	-.00130	5.7846	.0961

Sample Name: Z4932-07 Acquired: 10/16/2008 09:52:10 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00294	-.00282	.14092	-.00394	.00553	71.483	.89975	.00191
Stddev	.00340	.00039	.00235	.00235	.00010	.151	.00045	.00006
%RSD	115.82	13.892	1.6661	59.697	1.7811	.21140	.05008	3.1064
#1	.00053	-.00255	.14258	-.00560	.00560	71.376	.89943	.00195
#2	.00534	-.00310	.13926	-.00228	.00546	71.590	.90007	.00187

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00529	42.387	.13855	.05689	.16448	137.96	2.8189	31.261
Stddev	.00018	.214	.00003	.00051	.00042	.35	.0089	.021
%RSD	3.3439	.50407	.02042	.90261	.25357	.25470	.31512	.06742
#1	.00517	42.236	.13853	.05653	.16419	137.71	2.8126	31.246
#2	.00542	42.538	.13857	.05725	.16478	138.21	2.8252	31.276

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08413	-.00141	1.2533	.18503	.57977	22.232	.00054	.01669
Stddev	.00076	.00013	.0045	.00008	.00241	.066	.00009	.00020
%RSD	.90474	9.0967	.35507	.04411	.41546	.29476	16.193	1.1705
#1	.08359	-.00132	1.2502	.18497	.57807	22.278	.00048	.01682
#2	.08467	-.00150	1.2565	.18509	.58147	22.186	.00060	.01655

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.3315	1.8470	-.00132	5.7842	.0957
Stddev	.0068	.0210	.00037	.0104	.0005
%RSD	.20433	1.1363	28.250	.17956	.5048
#1	3.3364	1.8322	-.00159	5.7769	.0960
#2	3.3267	1.8619	-.00106	5.7916	.0953

Sample Name: Z4932-05L Acquired: 10/16/2008 09:53:59 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00018	.03210	-.00112	.00127	14.280	.17857	.00038
Stddev	.00054	.00140	.00047	.00021	.00035	.069	.00211	.00006
%RSD	912.20	789.25	1.4566	18.293	27.812	.48032	1.1834	15.542
#1	-.00032	-.00117	.03243	-.00098	.00102	14.329	.17708	.00042
#2	.00044	.00081	.03177	-.00127	.00152	14.232	.18007	.00034

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	8.8192	.02906	.01206	.03612	28.793	.57922	6.4093
Stddev	.00011	.0553	.00081	.00006	.00062	.133	.00218	.0423
%RSD	11.262	.62667	2.8024	.53049	1.7186	.46188	.37625	.65931
#1	.00106	8.7802	.02849	.01202	.03656	28.699	.57768	6.3794
#2	.00090	8.8583	.02964	.01211	.03568	28.887	.58076	6.4392

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01778	-.00028	.23805	.03821	.12730	4.1392	-.00043	.00023
Stddev	.00007	.00002	.00111	.00035	.00032	.0050	.00012	.00070
%RSD	.37507	7.9935	.46445	.91878	.25204	.12140	27.023	309.95
#1	.01783	-.00027	.23726	.03845	.12753	4.1428	-.00035	.00072
#2	.01773	-.00030	.23883	.03796	.12707	4.1357	-.00051	-.00027

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.72760	.46061	.00084	1.1707	.0213
Stddev	.00446	.03785	.00080	.0120	.0008
%RSD	.61336	8.2168	96.156	1.0219	3.893
#1	.73076	.43385	.00027	1.1622	.0207
#2	.72445	.48737	.00141	1.1791	.0219

Sample Name: Z4932-06 Acquired: 10/16/2008 09:55:58 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09090	.11142	.18240	.10386	.24230	74.830	5.9488	.11616
Stddev	.00353	.00167	.00013	.00310	.00069	.269	.0094	.00057
%RSD	3.8829	1.4950	.07362	2.9877	.28612	.36010	.15733	.48778
#1	.09339	.11260	.18231	.10606	.24279	74.640	5.9422	.11576
#2	.08840	.11024	.18250	.10167	.24181	75.021	5.9554	.11656

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11964	41.957	.61299	1.2100	.73330	138.19	3.9464	30.808
Stddev	.00023	.233	.00136	.0002	.00021	.39	.0217	.120
%RSD	.19533	.55594	.22177	.01380	.02878	.27915	.55044	.38977
#1	.11980	41.792	.61203	1.2101	.73315	137.91	3.9311	30.723
#2	.11947	42.122	.61395	1.2099	.73345	138.46	3.9618	30.892

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2426	.05246	1.2421	1.3626	1.6715	21.786	.00006	.01448
Stddev	.0000	.00022	.0160	.0075	.0013	.022	.00030	.00161
%RSD	.00117	.41574	1.2925	.55326	.07961	.09917	536.30	11.132
#1	1.2427	.05262	1.2308	1.3573	1.6724	21.771	-.00016	.01334
#2	1.2426	.05231	1.2535	1.3679	1.6705	21.802	.00027	.01562

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.2517	1.9538	-.00066	5.6956	.0938
Stddev	.0042	.0086	.00028	.0153	.0007
%RSD	.12798	.44243	42.881	.26900	.7964
#1	3.2546	1.9599	-.00086	5.6848	.0944
#2	3.2487	1.9477	-.00046	5.7064	.0933

Sample Name: Z4932-05A Acquired: 10/16/2008 09:58:08 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08958	.10680	.18001	.10079	.23535	74.156	5.8060	.11240
Stddev	.00023	.00017	.00055	.00078	.00038	.266	.0056	.00025
%RSD	.26139	.15811	.30337	.77123	.16246	.35839	.09642	.22117
#1	.08941	.10692	.18039	.10024	.23508	73.968	5.8020	.11223
#2	.08974	.10668	.17962	.10134	.23562	74.343	5.8100	.11258

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11599	41.565	.59808	1.1747	.71725	136.90	3.8825	30.601
Stddev	.00015	.049	.00097	.0009	.00026	.10	.0015	.039
%RSD	.13277	.11768	.16236	.07657	.03649	.07487	.03786	.12869
#1	.11588	41.600	.59739	1.1753	.71743	136.83	3.8835	30.629
#2	.11610	41.531	.59876	1.1740	.71706	136.98	3.8815	30.573

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2065	.05130	1.2375	1.3170	1.6348	21.932	-.00008	.01229
Stddev	.0007	.00045	.0112	.0025	.0011	.023	.00015	.00111
%RSD	.05923	.86969	.90557	.19324	.06685	.10458	197.83	9.0136
#1	1.2070	.05162	1.2296	1.3152	1.6340	21.916	-.00019	.01307
#2	1.2060	.05098	1.2455	1.3188	1.6356	21.949	.00003	.01150

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.2385	2.0176	-.00212	5.6637	.0937
Stddev	.0078	.0080	.00024	.0036	.0013
%RSD	.24060	.39839	11.425	.06309	1.420
#1	3.2330	2.0119	-.00194	5.6612	.0946
#2	3.2440	2.0233	-.00229	5.6662	.0927

Sample Name: Z4932-08 Acquired: 10/16/2008 09:59:57 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01052	-.00224	.26546	-.00266	.00592	62.702	.76622	.00250
Stddev	.00123	.00077	.00015	.00230	.00109	.273	.00064	.00010
%RSD	11.664	34.324	.05523	86.301	18.435	.43506	.08321	4.0688
#1	.00965	-.00278	.26536	-.00104	.00515	62.510	.76577	.00243
#2	.01139	-.00170	.26557	-.00428	.00669	62.895	.76667	.00258

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00642	33.941	.11458	.05318	.15150	117.63	6.2343	18.859
Stddev	.00002	.132	.00060	.00022	.00068	.12	.0090	.010
%RSD	.38544	.38776	.52079	.41317	.44581	.10060	.14431	.05153
#1	.00640	34.034	.11500	.05333	.15102	117.71	6.2406	18.865
#2	.00644	33.848	.11416	.05302	.15198	117.54	6.2279	18.852

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06557	-.00045	1.2304	.17899	.98838	9.1594	.00105	-.00388
Stddev	.00013	.00004	.0072	.00049	.00032	.0088	.00005	.00040
%RSD	.19759	9.2278	.58361	.27326	.03205	.09605	4.6835	10.217
#1	.06566	-.00042	1.2355	.17864	.98815	9.1532	.00101	-.00360
#2	.06548	-.00048	1.2254	.17933	.98860	9.1656	.00108	-.00416

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.3513	2.7989	.00534	4.0394	.0700
Stddev	.0111	.0185	.00034	.0007	.0009
%RSD	.47247	.66224	6.3119	.01668	1.303
#1	2.3591	2.7858	.00510	4.0389	.0693
#2	2.3434	2.8120	.00557	4.0398	.0706

Sample Name: Z4932-09 Acquired: 10/16/2008 10:01:42 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	-.00328	.18481	-.00176	.00198	62.372	.67693	.00511
Stddev	.00119	.00129	.00045	.00203	.00189	.016	.00054	.00001
%RSD	55.524	39.269	.24171	115.51	95.664	.02506	.08015	.10550
#1	-.00299	-.00237	.18450	-.00032	.00064	62.361	.67654	.00512
#2	-.00130	-.00419	.18513	-.00320	.00332	62.383	.67731	.00511

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00473	12.263	.08652	.04070	.15524	78.441	1.1037	17.619
Stddev	.00000	.032	.00068	.00011	.00068	.164	.0027	.044
%RSD	.03559	.26391	.78558	.27969	.43707	.20901	.24219	.24842
#1	.00473	12.240	.08604	.04078	.15572	78.325	1.1018	17.650
#2	.00473	12.286	.08700	.04062	.15476	78.557	1.1056	17.588

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05894	-.00100	.78374	.15635	.40581	8.7319	.00536	-.00938
Stddev	.00003	.00030	.01201	.00043	.00071	.0442	.00018	.00065
%RSD	.05454	29.912	1.5320	.27648	.17409	.50640	3.3620	6.9404
#1	.05892	-.00079	.79223	.15605	.40631	8.7632	.00523	-.00892
#2	.05896	-.00122	.77525	.15666	.40531	8.7007	.00549	-.00984

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.6514	1.9968	-.00169	4.2345	.0645
Stddev	.0013	.0144	.00024	.0028	.0007
%RSD	.03567	.71967	14.341	.06575	1.053
#1	3.6523	1.9867	-.00186	4.2325	.0650
#2	3.6504	2.0070	-.00152	4.2364	.0640

Sample Name: Z4932-10 Acquired: 10/16/2008 10:03:41 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	-.00312	.03614	-.00241	.00067	31.077	.30615	.00113
Stddev	.00001	.00084	.00042	.00068	.00055	.023	.00078	.00009
%RSD	1.9238	27.024	1.1485	28.149	82.439	.07496	.25441	8.3329
#1	.00040	-.00252	.03584	-.00193	.00028	31.093	.30560	.00120
#2	.00041	-.00371	.03643	-.00289	.00106	31.060	.30670	.00106

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00177	30.084	.05293	.03369	.06012	75.054	1.6762	25.658
Stddev	.00005	.207	.00044	.00032	.00043	.059	.0003	.181
%RSD	2.8511	.68963	.83030	.94477	.72199	.07867	.01530	.70515
#1	.00174	29.937	.05262	.03391	.05981	75.012	1.6764	25.530
#2	.00181	30.230	.05324	.03346	.06043	75.095	1.6761	25.786

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03309	-.00074	.89054	.11193	.25009	7.5043	.00076	-.00910
Stddev	.00005	.00032	.00842	.00002	.00041	.0258	.00033	.00062
%RSD	.14594	42.777	.94556	.01813	.16526	.34406	43.475	6.8323
#1	.03305	-.00052	.88458	.11194	.25038	7.4860	.00053	-.00866
#2	.03312	-.00097	.89649	.11191	.24979	7.5225	.00099	-.00954

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.42053	1.5194	-.00493	3.4361	.0448
Stddev	.00181	.0397	.00030	.0008	.0015
%RSD	.42962	2.6138	5.9967	.02450	3.451
#1	.42181	1.4913	-.00514	3.4367	.0459
#2	.41926	1.5475	-.00472	3.4356	.0437

Sample Name: Z4932-11 Acquired: 10/16/2008 10:05:24 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00302	-.00310	.03087	-.00074	.00220	22.100	.17159	.00072
Stddev	.00158	.00120	.00080	.00043	.00058	.072	.00015	.00008
%RSD	52.137	38.819	2.6048	57.571	26.341	.32386	.08764	10.790
#1	-.00414	-.00395	.03030	-.00105	.00179	22.151	.17148	.00077
#2	-.00191	-.00225	.03143	-.00044	.00261	22.049	.17170	.00066

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	8.9125	.03315	.01965	.04281	50.063	.45039	10.514
Stddev	.00003	.0109	.00066	.00005	.00002	.176	.00142	.036
%RSD	2.9613	.12252	1.9952	.26577	.05429	.35156	.31478	.34272
#1	.00086	8.9048	.03362	.01961	.04279	49.939	.44939	10.488
#2	.00083	8.9202	.03268	.01968	.04283	50.188	.45139	10.539

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03113	-.00054	.71035	.06592	.14521	4.6535	.00008	-.01214
Stddev	.00008	.00006	.00988	.00059	.00027	.0313	.00007	.00069
%RSD	.26615	10.672	1.3913	.89483	.18766	.67154	82.296	5.7197
#1	.03107	-.00050	.71733	.06550	.14540	4.6314	.00013	-.01165
#2	.03119	-.00058	.70336	.06634	.14501	4.6756	.00003	-.01263

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.39802	1.2426	-.00402	1.5488	.0396
Stddev	.00373	.0092	.00042	.0067	.0005
%RSD	.93627	.74394	10.523	.43556	1.178
#1	.39538	1.2360	-.00373	1.5440	.0399
#2	.40065	1.2491	-.00432	1.5535	.0392

Sample Name: CCV Acquired: 10/16/2008 10:07:21 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCV Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2214	5.2596	5.2400	5.3033	5.1929	10.144	10.281	.26190	2.6490
Stddev	.0042	.0085	.0059	.0053	.0020	.003	.059	.00018	.0019
%RSD	.08098	.16105	.11165	.09950	.03843	.02503	.57338	.06734	.07253
#1	5.2184	5.2656	5.2359	5.3070	5.1915	10.146	10.240	.26177	2.6504
#2	5.2244	5.2537	5.2442	5.2996	5.1943	10.143	10.323	.26202	2.6477

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.361	1.0481	2.6181	1.3165	5.2705	2.6360	25.591	2.6474	1.2985
Stddev	.153	.0069	.0045	.0016	.0060	.0085	.051	.0010	.0046
%RSD	.57880	.65776	.16981	.11972	.11461	.32394	.19834	.03640	.35440
#1	26.253	1.0432	2.6149	1.3176	5.2662	2.6300	25.627	2.6481	1.2953
#2	26.469	1.0530	2.6212	1.3154	5.2748	2.6420	25.555	2.6467	1.3018

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.569	2.5895	2.6657	25.320	5.2120	5.1098	5.1127	5.1811	5.2596
Stddev	.122	.0058	.0002	.085	.0081	.0179	.0000	.0449	.0069
%RSD	.47765	.22307	.00862	.33714	.15611	.35018	.00023	.86690	.13106
#1	25.482	2.5936	2.6655	25.260	5.2177	5.0971	5.1127	5.2129	5.2547
#2	25.655	2.5854	2.6659	25.381	5.2062	5.1224	5.1127	5.1494	5.2645

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	5.2234	5.043
Stddev	.0152	.023
%RSD	.29150	.4552
#1	5.2126	5.027
#2	5.2341	5.059

Sample Name: CCB Acquired: 10/16/2008 10:09:05 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	-.00006	.00103	-.00060	.00012	-.00118	.00037	.00008
Stddev	.00064	.00002	.00051	.00044	.00135	.00188	.00045	.00002
%RSD	65.791	24.147	49.882	73.559	1126.9	159.35	123.50	30.444
#1	-.00052	-.00007	.00140	-.00091	-.00083	.00015	.00005	.00010
#2	-.00142	-.00005	.00067	-.00029	.00107	-.00251	.00069	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00160	-.00011	.00025	-.00025	.00453	-.00015	.00586
Stddev	.00010	.00811	.00018	.00017	.00015	.00083	.00022	.01024
%RSD	105.72	507.49	173.07	65.921	58.058	18.340	141.44	174.70
#1	.00002	.00734	.00002	.00037	-.00015	.00394	.00000	-.00138
#2	.00017	-.00414	-.00024	.00013	-.00036	.00512	-.00031	.01310

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	.00008	-.01498	-.00043	.00019	.03092	.00065	.01483
Stddev	.00059	.00018	.00168	.00023	.00001	.00594	.00018	.00201
%RSD	146.23	220.65	11.232	52.149	5.7197	19.220	28.443	13.582
#1	.00001	.00021	-.01617	-.00059	.00020	.02671	.00078	.01626
#2	-.00082	-.00004	-.01379	-.00027	.00018	.03512	.00052	.01341

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00102	.00915	.00053	.00117	.0066
Stddev	.00140	.01039	.00053	.00024	.0003
%RSD	137.21	113.50	99.037	20.269	3.942
#1	.00003	.00181	.00091	.00100	.0064
#2	.00201	.01650	.00016	.00134	.0068

Sample Name: Z4932-12 Acquired: 10/16/2008 10:11:07 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00087	-.00165	.02416	-.00325	-.00106	14.375	.10276	.00037
Stddev	.00104	.00012	.00085	.00006	.00015	.014	.00072	.00003
%RSD	120.00	6.9814	3.5313	1.9450	13.935	.09432	.69920	8.3407
#1	-.00161	-.00173	.02477	-.00321	-.00095	14.366	.10327	.00035
#2	-.00013	-.00157	.02356	-.00330	-.00116	14.385	.10226	.00039

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	554.48	.02053	.00983	.02176	26.585	.44341	341.25
Stddev	.00007	1.32	.00005	.00023	.00023	.054	.00184	.13
%RSD	14.607	.23792	.24932	2.3742	1.0482	.20272	.41608	.03784
#1	.00053	553.54	.02057	.01000	.02160	26.623	.44211	341.16
#2	.00043	555.41	.02049	.00967	.02192	26.547	.44472	341.34

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01638	-.00096	1.1180	.03112	.13619	4.1974	.00068	-.00352
Stddev	.00011	.00009	.0092	.00019	.00065	.0528	.00002	.00040
%RSD	.67570	9.7159	.82172	.60129	.47623	1.2572	3.6213	11.405
#1	.01630	-.00089	1.1245	.03098	.13665	4.1601	.00069	-.00324
#2	.01646	-.00102	1.1115	.03125	.13573	4.2347	.00066	-.00381

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.75205	1.2462	-.00422	1.1576	.0296
Stddev	.00217	.0274	.00031	.0040	.0000
%RSD	.28848	2.2026	7.2728	.34213	.1581
#1	.75052	1.2656	-.00444	1.1604	.0296
#2	.75359	1.2268	-.00400	1.1548	.0296

Sample Name: Z4932-13 Acquired: 10/16/2008 10:12:52 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00350	-.00215	.01106	.00018	-.00136	17.947	.14288	.00059
Stddev	.00096	.00015	.00022	.00135	.00069	.023	.00161	.00008
%RSD	27.354	6.9561	1.9476	745.19	50.494	.12609	1.1262	14.118
#1	-.00418	-.00225	.01091	-.00077	-.00088	17.963	.14401	.00053
#2	-.00283	-.00204	.01121	.00113	-.00185	17.931	.14174	.00065

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	21.844	.02282	.01516	.02581	36.290	.89046	20.598
Stddev	.00007	.028	.00015	.00001	.00018	.170	.00446	.014
%RSD	16.422	.12821	.64757	.06548	.69968	.46750	.50079	.06614
#1	.00040	21.864	.02292	.01516	.02594	36.410	.89361	20.608
#2	.00051	21.825	.02272	.01517	.02568	36.171	.88730	20.589

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02137	-.00021	1.0223	.04435	.10545	4.4797	-.00021	-.00775
Stddev	.00020	.00006	.0257	.00015	.00027	.0099	.00015	.00177
%RSD	.93769	26.690	2.5161	.32790	.25518	.22103	70.711	22.786
#1	.02151	-.00017	1.0405	.04445	.10526	4.4867	-.00031	-.00650
#2	.02122	-.00025	1.0041	.04425	.10564	4.4727	-.00010	-.00900

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16085	1.1437	-.00492	1.5271	.0219
Stddev	.00093	.0120	.00062	.0138	.0002
%RSD	.58124	1.0452	12.513	.90129	.7892
#1	.16151	1.1353	-.00449	1.5369	.0218
#2	.16019	1.1522	-.00536	1.5174	.0221

Sample Name: Z4932-14 Acquired: 10/16/2008 10:14:33 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	-.00161	.02907	-.00269	.00096	20.924	.13484	.00081
Stddev	.00070	.00083	.00050	.00111	.00030	.044	.00021	.00003
%RSD	160.32	51.633	1.7137	41.368	30.760	.20809	.15342	3.3385
#1	.00006	-.00220	.02942	-.00348	.00075	20.955	.13499	.00079
#2	-.00093	-.00102	.02871	-.00191	.00117	20.893	.13470	.00082

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00128	362.16	.02466	.02033	.04234	58.510	1.3631	224.19
Stddev	.00006	1.26	.00023	.00005	.00003	.222	.0045	.33
%RSD	4.8835	.34890	.92562	.24617	.06612	.37968	.32661	.14773
#1	.00123	361.27	.02483	.02036	.04232	58.353	1.3599	223.96
#2	.00132	363.05	.02450	.02029	.04236	58.667	1.3662	224.43

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02823	-.00106	.87692	.07099	.13009	3.7313	.00064	-.00871
Stddev	.00018	.00022	.00300	.00025	.00045	.0258	.00001	.00010
%RSD	.64371	20.397	.34232	.35897	.34315	.69065	1.5980	1.1915
#1	.02836	-.00090	.87480	.07117	.13040	3.7495	.00065	-.00879
#2	.02810	-.00121	.87904	.07080	.12977	3.7130	.00064	-.00864

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34570	1.3496	-.00358	1.5487	.0406
Stddev	.00248	.0254	.00041	.0055	.0002
%RSD	.71758	1.8794	11.451	.35519	.5926
#1	.34746	1.3675	-.00387	1.5448	.0408
#2	.34395	1.3316	-.00329	1.5526	.0404

Sample Name: Z4920-08X5 Acquired: 10/16/2008 10:16:22 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01844	.00128	2.1964	-.01332	.03373	16.967	.29157	.00035
Stddev	.00115	.00041	.0016	.00039	.00067	.042	.00048	.00010
%RSD	6.2223	31.938	.07280	2.9524	1.9729	.24708	.16342	28.189
#1	.01926	.00157	2.1953	-.01305	.03326	16.937	.29191	.00028
#2	.01763	.00099	2.1975	-.01360	.03420	16.997	.29124	.00042

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10196	11.517	.10669	.02400	3.6203	250.00	1.1497	8.8619
Stddev	.00016	.000	.00010	.00042	.0099	.22	.0001	.0150
%RSD	.15497	.00324	.09300	1.7607	.27391	.08621	.00398	.16887
#1	.10207	11.517	.10662	.02429	3.6133	250.15	1.1496	8.8513
#2	.10185	11.517	.10677	.02370	3.6273	249.85	1.1497	8.8725

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10199	-.00095	.20303	.05082	2.1130	1.5351	.01512	-.02125
Stddev	.00004	.00009	.00737	.00004	.0026	.0137	.00018	.00028
%RSD	.03966	9.1619	3.6313	.08810	.12493	.89054	1.1826	1.3180
#1	.10196	-.00101	.19782	.05085	2.1111	1.5254	.01499	-.02144
#2	.10202	-.00089	.20824	.05079	2.1148	1.5447	.01524	-.02105

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.82705	.68576	.04966	.99480	.0199
Stddev	.00120	.03054	.00076	.00441	.0003
%RSD	.14563	4.4528	1.5321	.44361	1.258
#1	.82791	.66417	.04913	.99792	.0201
#2	.82620	.70735	.05020	.99168	.0197

Sample Name: Z4920-10X5 Acquired: 10/16/2008 10:18:20 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01761	.00042	2.1016	-.01291	.03071	16.171	.27770	.00027
Stddev	.00205	.00155	.0046	.00055	.00076	.026	.00018	.00006
%RSD	11.661	367.70	.21790	4.2618	2.4872	.16216	.06547	21.961
#1	.01907	.00152	2.1048	-.01252	.03125	16.152	.27758	.00031
#2	.01616	-.00067	2.0983	-.01329	.03017	16.190	.27783	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09715	11.003	.10169	.02288	3.4583	237.74	1.0926	8.4042
Stddev	.00003	.020	.00007	.00014	.0011	.53	.0029	.0188
%RSD	.03561	.18086	.07036	.61886	.03088	.22390	.26978	.22336
#1	.09718	10.989	.10174	.02278	3.4575	237.36	1.0905	8.4174
#2	.09713	11.017	.10164	.02298	3.4590	238.12	1.0947	8.3909

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09697	-.00099	.18220	.04828	2.0148	1.4830	.01435	-.02258
Stddev	.00046	.00017	.00993	.00004	.0007	.0064	.00028	.00009
%RSD	.46937	16.790	5.4523	.08429	.03527	.43018	1.9442	.41309
#1	.09730	-.00111	.18923	.04825	2.0153	1.4875	.01415	-.02251
#2	.09665	-.00088	.17518	.04831	2.0143	1.4785	.01454	-.02264

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.78701	.67503	.04773	.94608	.0185
Stddev	.00039	.01628	.00028	.00078	.0002
%RSD	.04930	2.4113	.59383	.08202	1.343
#1	.78729	.66352	.04753	.94553	.0184
#2	.78674	.68654	.04793	.94663	.0187

Sample Name: Z4920-08LX25 Acquired: 10/16/2008 10:20:13 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00480	.00032	.44243	-.00189	.00711	3.2085	.05599	.00007
Stddev	.00084	.00052	.00097	.00101	.00055	.0188	.00079	.00005
%RSD	17.501	165.20	.21953	53.431	7.6743	.58691	1.4045	82.727
#1	.00420	.00069	.44174	-.00117	.00749	3.2218	.05544	.00003
#2	.00539	-.00005	.44311	-.00260	.00672	3.1951	.05655	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02037	2.2470	.02124	.00477	.73245	49.982	.22684	1.7331
Stddev	.00010	.0024	.00043	.00003	.00094	.281	.00160	.0343
%RSD	.50627	.10551	2.0048	.56417	.12808	.56162	.70471	1.9814
#1	.02029	2.2487	.02155	.00479	.73179	49.783	.22571	1.7088
#2	.02044	2.2453	.02094	.00476	.73311	50.180	.22797	1.7574

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01956	-.00036	.00493	.00968	.43605	.30345	.00238	-.01279
Stddev	.00043	.00009	.00258	.00040	.00054	.03743	.00027	.00116
%RSD	2.1891	25.587	52.257	4.1472	.12353	12.334	11.261	9.1070
#1	.01926	-.00030	.00676	.00940	.43567	.32992	.00257	-.01361
#2	.01987	-.00043	.00311	.00996	.43643	.27699	.00219	-.01197

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16832	.18254	.00919	.19473	.0039
Stddev	.00221	.00213	.00024	.00008	.0003
%RSD	1.3123	1.1692	2.5611	.04355	7.941
#1	.16676	.18103	.00935	.19467	.0037
#2	.16988	.18405	.00902	.19479	.0041

Sample Name: Z4920-09X5 Acquired: 10/16/2008 10:22:14 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03425	.02355	2.0567	.01141	.07697	16.648	1.1984	.02238
Stddev	.00152	.00061	.0031	.00274	.00024	.043	.0036	.00008
%RSD	4.4242	2.5967	.14962	24.003	.31644	.25687	.29820	.37126
#1	.03532	.02312	2.0546	.01335	.07680	16.618	1.1959	.02232
#2	.03317	.02399	2.0589	.00947	.07714	16.679	1.2009	.02244

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11824	10.560	.19317	.25071	3.4841	229.67	1.2811	8.1547
Stddev	.00007	.046	.00121	.00190	.0075	.85	.0024	.0124
%RSD	.05559	.43509	.62655	.75665	.21576	.36954	.19104	.15169
#1	.11820	10.527	.19402	.24937	3.4787	229.07	1.2828	8.1460
#2	.11829	10.592	.19231	.25206	3.4894	230.27	1.2793	8.1634

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32381	.00950	.18059	.27292	2.1923	1.3946	.01371	-.02434
Stddev	.00151	.00017	.00457	.00025	.0029	.0065	.00019	.00037
%RSD	.46502	1.8248	2.5317	.09250	.13369	.46288	1.3874	1.5009
#1	.32274	.00938	.17736	.27274	2.1902	1.3901	.01357	-.02460
#2	.32487	.00963	.18383	.27310	2.1944	1.3992	.01384	-.02408

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.77281	.65356	.04594	.90832	.0167
Stddev	.00112	.01673	.00042	.00629	.0006
%RSD	.14545	2.5598	.90893	.69286	3.545
#1	.77201	.64173	.04623	.90387	.0171
#2	.77360	.66539	.04564	.91277	.0162

Sample Name: CRI Acquired: 10/16/2008 10:55:52 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01153	.02871	.01339	.04317	.06296	-.00677	.00070	.00555
Stddev	.00012	.00026	.00032	.00041	.00127	.00119	.00041	.00004
%RSD	1.0023	.91387	2.3579	.94004	2.0199	17.538	58.012	.64954
#1	.01161	.02852	.01317	.04288	.06386	-.00761	.00099	.00552
#2	.01145	.02889	.01361	.04346	.06206	-.00593	.00041	.00558

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00580	.00618	.01122	.05841	.02929	.11643	.01703	-.00870
Stddev	.00001	.02341	.00040	.00021	.00004	.00107	.00002	.01214
%RSD	.10979	378.54	3.5421	.36121	.15236	.91726	.09524	139.54
#1	.00580	.02274	.01094	.05856	.02925	.11719	.01702	-.00012
#2	.00581	-.01037	.01150	.05826	.02932	.11568	.01704	-.01728

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04617	.01100	.00285	.05527	.07208	-.01767	1.1276	1.1495
Stddev	.00012	.00022	.00488	.00072	.00001	.01164	.0024	.0072
%RSD	.24961	2.0182	171.15	1.3011	.01342	65.845	.21692	.62684
#1	.04608	.01084	.00630	.05578	.07207	-.00944	1.1293	1.1546
#2	.04625	.01116	-.00060	.05476	.07209	-.02590	1.1259	1.1444

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F.00410	F1.0784	F1.1359	F1.0821	F.0052
Stddev	.00091	.0014	.0010	.0054	.0018
%RSD	22.232	.13479	.09146	.49584	33.70
#1	.00474	1.0774	1.1352	1.0783	.0065
#2	.00346	1.0795	1.1367	1.0859	.0040

Sample Name: ICSA Acquired: 10/16/2008 10:57:48 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00699	.00108	.01039	-.00209	.00264	233.56	.00299	.00068
Stddev	.00181	.00181	.00295	.00062	.00033	.54	.00037	.00000
%RSD	25.882	166.79	28.358	29.838	12.383	.22914	12.377	.39106
#1	.00571	-.00019	.01248	-.00165	.00287	233.18	.00325	.00069
#2	.00827	.00236	.00831	-.00253	.00241	233.93	.00273	.00068

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00267	244.58	.04240	.00420	.02927	94.946	.01926	259.13
Stddev	.00019	.36	.00003	.00027	.00000	.162	.00046	.83
%RSD	7.1918	.14823	.06261	6.3309	.01042	.17062	2.4147	.32106
#1	.00280	244.33	.04238	.00439	.02927	94.831	.01959	258.54
#2	.00253	244.84	.04242	.00402	.02927	95.060	.01893	259.72

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01978	-.00034	.80442	.00226	.03073	-.03628	.00077	.01113
Stddev	.00026	.00019	.00175	.00001	.00033	.00552	.00031	.00148
%RSD	1.3359	55.166	.21730	.59102	1.0605	15.208	41.121	13.281
#1	.01960	-.00021	.80566	.00225	.03050	-.03238	.00099	.01217
#2	.01997	-.00048	.80319	.00227	.03096	-.04018	.00054	.01008

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07554	-.00373	.00056	-.00395	.0117
Stddev	.00092	.00500	.00017	.00119	.0003
%RSD	1.2181	133.91	30.391	30.242	2.576
#1	.07489	-.00727	.00044	-.00479	.0119
#2	.07619	-.00020	.00068	-.00310	.0115

Sample Name: ICSAB Acquired: 10/16/2008 10:59:39 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09864	.09829	.05903	.05569	.60480	233.17	.51414	.49430
Stddev	.00161	.00142	.00066	.00017	.00296	.32	.00156	.00051
%RSD	1.6330	1.4421	1.1169	.30231	.49020	.13522	.30357	.10247
#1	.09978	.09728	.05949	.05557	.60689	232.95	.51304	.49466
#2	.09750	.09929	.05856	.05581	.60270	233.40	.51525	.49394

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95429	249.19	.52199	.47249	.49894	96.857	.51432	265.15
Stddev	.00102	.02	.00023	.00148	.00106	.019	.00138	.05
%RSD	.10719	.00782	.04407	.31420	.21261	.01912	.26922	.01813
#1	.95357	249.17	.52183	.47144	.49819	96.844	.51334	265.18
#2	.95501	249.20	.52215	.47354	.49969	96.870	.51530	265.12

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97556	.20502	.82561	.48922	.97881	-.04160	-.00041	-.00081
Stddev	.00221	.00072	.00685	.00088	.00178	.01046	.00007	.00026
%RSD	.22650	.35031	.82999	.18072	.18191	25.140	17.781	32.576
#1	.97400	.20452	.82077	.48984	.97755	-.04900	-.00036	-.00063
#2	.97712	.20553	.83046	.48859	.98007	-.03421	-.00046	-.00100

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07448	-.00210	-.00038	-.00544	F.0075
Stddev	.00136	.00526	.00098	.00236	.0000
%RSD	1.8232	251.09	259.59	43.467	.1961
#1	.07352	.00162	-.00107	-.00711	.0075
#2	.07544	-.00581	.00031	-.00377	.0075

Sample Name: CCV Acquired: 10/16/2008 11:02:00 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCV Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1847	5.2914	5.2504	5.3577	5.1878	10.104	10.183	.26042	2.6473
Stddev	.0015	.0194	.0092	.0113	.0046	.054	.055	.00025	.0051
%RSD	.02992	.36613	.17614	.21021	.08924	.53794	.54337	.09440	.19389
#1	5.1836	5.3051	5.2570	5.3656	5.1911	10.143	10.144	.26059	2.6510
#2	5.1858	5.2777	5.2439	5.3497	5.1845	10.066	10.222	.26024	2.6437

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.577	1.0509	2.6142	1.3146	5.1722	2.5807	25.403	2.6242	1.2931
Stddev	.004	.0035	.0027	.0008	.0030	.0098	.122	.0011	.0002
%RSD	.01639	.33381	.10507	.05750	.05880	.38067	.48000	.04306	.01736
#1	25.574	1.0484	2.6161	1.3151	5.1744	2.5877	25.316	2.6250	1.2930
#2	25.580	1.0534	2.6122	1.3140	5.1701	2.5738	25.489	2.6234	1.2933

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.724	2.5871	2.6736	24.686	5.2393	5.1668	5.1791	5.1337	5.2505
Stddev	.164	.0057	.0050	.159	.0159	.0022	.0188	.0072	.0156
%RSD	.66449	.21881	.18896	.64404	.30319	.04323	.36300	.13959	.29775
#1	24.840	2.5911	2.6772	24.798	5.2505	5.1684	5.1924	5.1387	5.2616
#2	24.608	2.5831	2.6700	24.574	5.2280	5.1652	5.1658	5.1286	5.2395

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	5.1113	4.905
Stddev	.0019	.035
%RSD	.03716	.7217
#1	5.1127	4.930
#2	5.1100	4.880

Sample Name: CCB Acquired: 10/16/2008 11:04:17 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00107	.00031	.00026	.00131	.00144	-.00334	.00026	.00002
Stddev	.00111	.00059	.00061	.00217	.00069	.00032	.00002	.00002
%RSD	103.97	188.72	230.86	165.93	47.730	9.5871	7.2992	98.579
#1	-.00028	.00072	-.00017	.00284	.00193	-.00357	.00025	.00001
#2	-.00185	-.00010	.00070	-.00023	.00095	-.00312	.00027	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00270	-.00010	-.00011	.00000	.00252	.00020	.02343
Stddev	.00006	.00824	.00014	.00025	.00057	.00439	.00029	.01165
%RSD	334.22	304.71	133.46	221.60	14138.	174.46	143.72	49.708
#1	-.00006	.00312	-.00001	-.00029	-.00040	.00562	.00000	.03167
#2	.00002	-.00853	-.00020	.00006	.00041	-.00059	.00041	.01519

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00009	.01006	.00006	.00010	.00484	.00068	.01596
Stddev	.00018	.00037	.00541	.00006	.00017	.01779	.00038	.00091
%RSD	179.43	404.62	53.800	100.13	173.46	367.54	56.703	5.7184
#1	-.00023	.00017	.00623	.00002	-.00002	-.00774	.00095	.01661
#2	.00003	-.00035	.01389	.00010	.00022	.01742	.00041	.01532

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00209	-.00571	.00110	.00074	.0042
Stddev	.00085	.01946	.00005	.00077	.0006
%RSD	40.665	340.83	4.1351	103.51	15.40
#1	.00149	-.01947	.00113	.00128	.0046
#2	.00270	.00805	.00107	.00020	.0037

Sample Name: PB37233BL Acquired: 10/16/2008 11:05:59 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	-.00053	.00039	.00183	.00080	-.00405	-.00005	.00001
Stddev	.00053	.00028	.00053	.00017	.00138	.00337	.00026	.00005
%RSD	34.972	53.577	133.79	9.5546	171.71	83.115	513.09	466.13
#1	-.00114	-.00073	.00002	.00170	.00178	-.00643	.00013	-.00002
#2	-.00188	-.00033	.00076	.00195	-.00017	-.00167	-.00024	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00241	.00006	.00008	-.00013	.00520	.00010	.00800
Stddev	.00004	.00707	.00025	.00003	.00009	.01317	.00030	.01312
%RSD	45.777	292.88	392.18	36.546	72.274	253.21	299.17	163.97
#1	-.00006	.00742	-.00011	.00010	-.00006	.01452	-.00011	-.00128
#2	-.00011	-.00259	.00024	.00006	-.00019	-.00411	.00031	.01728

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00001	-.00521	.00015	.00002	-.01886	.00018	.00614
Stddev	.00040	.00021	.00068	.00015	.00003	.02569	.00007	.00001
%RSD	65.019	1513.1	13.026	102.04	133.34	136.18	36.438	.08624
#1	.00090	-.00016	-.00568	.00026	.00005	-.00070	.00023	.00614
#2	.00033	.00013	-.00473	.00004	.00000	-.03703	.00013	.00613

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00006	.00088	.00040	.0021
Stddev	.00118	.00436	.00046	.00020	.0002
%RSD	883.04	7636.8	51.940	50.698	7.542
#1	-.00070	.00303	.00121	.00055	.0020
#2	.00097	-.00314	.00056	.00026	.0022

Sample Name: PB37233BS Acquired: 10/16/2008 11:07:46 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0304	1.0810	1.0601	1.1019	1.0832	2.5922	.54898
Stddev	.0032	.0040	.0024	.0055	.0024	.0013	.00136
%RSD	.31298	.36845	.22193	.49616	.22423	.04918	.24799
#1	1.0327	1.0838	1.0617	1.1058	1.0814	2.5913	.54994
#2	1.0282	1.0782	1.0584	1.0980	1.0849	2.5931	.54802

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52253	.53634	10.116	.53201	.52560	.53506	5.1677
Stddev	.00053	.00150	.048	.00226	.00128	.00239	.0344
%RSD	.10202	.27887	.47080	.42499	.24442	.44678	.66626
#1	.52216	.53740	10.150	.53361	.52651	.53675	5.1920
#2	.52291	.53529	10.083	.53041	.52469	.53337	5.1434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51411	5.9222	.53534	.53175	10.318	.52382	1.0840
Stddev	.00087	.0419	.00024	.00008	.040	.00141	.0051
%RSD	.16982	.70782	.04490	.01433	.38305	.26864	.47443
#1	.51349	5.9519	.53517	.53181	10.346	.52481	1.0876
#2	.51473	5.8926	.53551	.53170	10.290	.52282	1.0803

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.097	-.00020	.00140	.02747	.11142	-.00379	F-.00023
Stddev	.023	.00023	.00038	.00061	.01497	.00058	.00191
%RSD	.22829	114.61	27.104	2.2146	13.435	15.257	828.91
#1	10.114	-.00004	.00167	.02790	.12200	-.00338	.00112
#2	10.081	-.00036	.00113	.02704	.10083	-.00419	-.00158

Sample Name: PB37233BS Acquired: 10/16/2008 11:07:46 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	F.0003
Stddev	.0006
%RSD	233.7
#1	.0007
#2	-.0002

Sample Name: Z4938-02 Acquired: 10/16/2008 11:09:28 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00330	.00476	.00031	.00018	.02314	.02881	.00005
Stddev	.00036	.00028	.00091	.00114	.00118	.00018	.00076	.00002
%RSD	67.387	8.4865	19.197	372.03	667.70	.77576	2.6250	41.093
#1	.00078	.00350	.00541	.00111	.00101	.02327	.02934	.00006
#2	.00028	.00311	.00411	-.00050	-.00066	.02301	.02828	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	355.72	.00074	-.00017	.00150	.05149	.01029	55.834
Stddev	.00002	.71	.00020	.00002	.00009	.00371	.00016	.099
%RSD	761.90	.19860	27.462	11.870	5.7229	7.2131	1.5865	.17740
#1	.00002	356.22	.00060	-.00019	.00156	.05412	.01041	55.904
#2	-.00001	355.22	.00088	-.00016	.00144	.04887	.01018	55.764

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00512	-.00037	6.7951	.00042	.01434	2.0226	.00188	.06258
Stddev	.00026	.00042	.0072	.00032	.00011	.0006	.00006	.00003
%RSD	5.1521	111.76	.10564	77.023	.73437	.02982	2.9629	.04672
#1	.00530	-.00008	6.7901	.00019	.01427	2.0221	.00192	.06256
#2	.00493	-.00067	6.8002	.00064	.01442	2.0230	.00185	.06260

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F246.36	4.0755	-.00381	-.00772	.0134
Stddev	1.24	.0446	.00013	.00099	.0003
%RSD	.50199	1.0946	3.4047	12.766	2.040
#1	247.24	4.0440	-.00390	-.00703	.0132
#2	245.49	4.1071	-.00372	-.00842	.0136

Sample Name: Z4938-02D Acquired: 10/16/2008 11:11:40 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	.00290	.00418	.00046	-.00096	.01946	.02871	.00009
Stddev	.00044	.00059	.00103	.00233	.00053	.00349	.00047	.00003
%RSD	19.881	20.216	24.697	511.03	55.321	17.951	1.6212	33.794
#1	.00191	.00332	.00491	-.00119	-.00134	.02193	.02838	.00007
#2	.00253	.00249	.00345	.00211	-.00059	.01699	.02904	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	354.90	.00057	.00001	.00147	.04476	.01014	55.416
Stddev	.00001	.27	.00003	.00005	.00034	.00799	.00004	.095
%RSD	57.839	.07573	5.0132	415.21	23.165	17.855	.43485	.17117
#1	.00004	355.09	.00055	.00005	.00171	.05041	.01017	55.349
#2	.00002	354.71	.00059	-.00002	.00123	.03911	.01010	55.483

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00489	-.00049	6.8295	-.00007	.01420	2.1147	.00162	.06118
Stddev	.00009	.00024	.0433	.00002	.00014	.0150	.00004	.00117
%RSD	1.8826	49.185	.63354	36.198	.96942	.70685	2.6750	1.9081
#1	.00496	-.00032	6.8601	-.00008	.01430	2.1253	.00165	.06201
#2	.00483	-.00066	6.7989	-.00005	.01411	2.1041	.00158	.06036

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F245.75	4.0077	-.00378	-.00847	.0144
Stddev	.62	.0101	.00008	.00112	.0005
%RSD	.25309	.25322	2.1208	13.193	3.564
#1	246.19	4.0149	-.00383	-.00768	.0148
#2	245.31	4.0006	-.00372	-.00926	.0141

Sample Name: Z4938-02L Acquired: 10/16/2008 11:13:34 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00139	.00086	.00106	.00014	-.00064	.00745	.00535	-.00001
Stddev	.00055	.00027	.00078	.00173	.00064	.00252	.00064	.00001
%RSD	39.863	31.785	73.999	1246.5	99.750	33.867	11.992	94.885
#1	-.00100	.00105	.00050	.00136	-.00019	.00566	.00489	-.00002
#2	-.00178	.00067	.00161	-.00109	-.00109	.00923	.00580	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	70.614	-.00027	.00010	.00023	.00905	.00245	10.706
Stddev	.00002	.343	.00025	.00022	.00018	.00417	.00019	.014
%RSD	23.971	.48537	94.217	223.71	81.455	46.050	7.6664	.13408
#1	-.00007	70.372	-.00045	.00025	.00010	.01199	.00259	10.696
#2	-.00010	70.857	-.00009	-.00006	.00035	.00610	.00232	10.716

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00095	.00002	1.2275	-.00024	.00326	.36072	.00035	.01169
Stddev	.00011	.00001	.0051	.00006	.00001	.01245	.00019	.00011
%RSD	11.297	58.960	.41212	23.721	.34554	3.4510	52.672	.93654
#1	.00087	.00003	1.2239	-.00028	.00327	.36953	.00048	.01177
#2	.00102	.00001	1.2310	-.00020	.00325	.35192	.00022	.01161

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	50.539	.78370	-.00096	-.00076	.0042
Stddev	.146	.02258	.00005	.00087	.0005
%RSD	.28819	2.8809	5.3783	114.67	12.15
#1	50.436	.76773	-.00100	-.00137	.0046
#2	50.642	.79966	-.00093	-.00014	.0039

Sample Name: Z4938-02S Acquired: 10/16/2008 11:15:31 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04964	.05931	.02701	.06513	.12503	2.4332	2.4642	.05925
Stddev	.00084	.00006	.00094	.00166	.00062	.0000	.0136	.00003
%RSD	1.6823	.10149	3.4934	2.5518	.49590	.00062	.55072	.04480
#1	.05024	.05935	.02635	.06630	.12547	2.4332	2.4738	.05926
#2	.04905	.05926	.02768	.06395	.12460	2.4332	2.4546	.05923

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05666	357.61	.23308	.55926	.28817	1.1813	.58004	55.402
Stddev	.00013	.29	.00081	.00158	.00092	.0036	.00080	.151
%RSD	.22346	.08217	.34725	.28264	.31811	.30532	.13749	.27297
#1	.05675	357.40	.23251	.56038	.28882	1.1788	.58060	55.295
#2	.05657	357.82	.23365	.55814	.28752	1.1839	.57947	55.509

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56812	.02714	6.7222	.56953	.56311	1.9987	.00118	.05968
Stddev	.00007	.00020	.0691	.00079	.00038	.0350	.00028	.00065
%RSD	.01232	.73470	1.0273	.13871	.06770	1.7513	23.425	1.0899
#1	.56807	.02700	6.7710	.56897	.56284	2.0234	.00098	.06013
#2	.56817	.02728	6.6734	.57009	.56338	1.9739	.00137	.05922

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F242.84	3.9311	-.00283	-.00878	.0138
Stddev	.30	.0690	.00015	.00030	.0006
%RSD	.12552	1.7549	5.2069	3.4196	4.403
#1	243.05	3.9799	-.00294	-.00900	.0142
#2	242.62	3.8824	-.00273	-.00857	.0133

Sample Name: Z4938-02A Acquired: 10/16/2008 11:17:18 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04764	.05918	.02590	.06372	.12169	2.4288	2.4431	.05871
Stddev	.00062	.00061	.00030	.00054	.00175	.0070	.0126	.00000
%RSD	1.3007	1.0352	1.1528	.84339	1.4354	.28744	.51388	.00539
#1	.04808	.05962	.02569	.06334	.12046	2.4337	2.4342	.05871
#2	.04721	.05875	.02611	.06410	.12293	2.4239	2.4519	.05872

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05634	353.20	.23079	.55744	.28620	1.1713	.57020	54.415
Stddev	.00006	1.16	.00041	.00051	.00019	.0092	.00183	.121
%RSD	.10622	.32789	.17691	.09111	.06484	.78891	.32034	.22160
#1	.05630	352.38	.23050	.55708	.28633	1.1779	.57149	54.330
#2	.05638	354.01	.23108	.55780	.28607	1.1648	.56891	54.500

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56683	.02723	6.7557	.56352	.55927	2.0497	.00151	.05942
Stddev	.00135	.00013	.0513	.00219	.00032	.0268	.00002	.00082
%RSD	.23787	.47700	.75921	.38812	.05715	1.3099	1.2072	1.3805
#1	.56587	.02732	6.7194	.56507	.55904	2.0307	.00150	.05884
#2	.56778	.02713	6.7920	.56197	.55949	2.0687	.00152	.06000

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F242.15	3.8549	-.00331	-.00797	.0134
Stddev	.42	.0390	.00009	.00158	.0006
%RSD	.17450	1.0115	2.7981	19.888	4.501
#1	242.45	3.8273	-.00324	-.00685	.0130
#2	241.86	3.8824	-.00338	-.00909	.0138

Sample Name: Z4938-03 Acquired: 10/16/2008 11:19:30 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	.00295	.00684	.00054	-.00055	.30110	.04595	.00007
Stddev	.00197	.00047	.00006	.00238	.00174	.00181	.00031	.00003
%RSD	339.96	16.004	.84113	437.48	318.47	.59971	.66582	35.973
#1	-.00081	.00261	.00688	.00223	.00069	.29983	.04617	.00009
#2	.00197	.00328	.00680	-.00114	-.00178	.30238	.04574	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	345.61	.00112	.00021	.00253	.81525	.01409	40.322
Stddev	.00008	.43	.00019	.00034	.00002	.01099	.00031	.106
%RSD	117.57	.12547	16.583	165.25	.94318	1.3478	2.1948	.26385
#1	.00012	345.92	.00126	.00045	.00255	.80748	.01431	40.247
#2	.00001	345.31	.00099	-.00003	.00252	.82302	.01388	40.397

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	-.00048	9.4219	.00083	.03607	2.3310	.00122	.02456
Stddev	.00038	.00025	.0568	.00011	.00024	.0270	.00020	.00012
%RSD	10.741	52.309	.60318	13.465	.66250	1.1585	16.670	.48305
#1	.00323	-.00030	9.4621	.00075	.03624	2.3119	.00136	.02464
#2	.00376	-.00065	9.3817	.00091	.03591	2.3501	.00108	.02448

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F243.50	3.6470	-.00369	-.00137	.0137
Stddev	1.13	.0250	.00073	.00034	.0009
%RSD	.46377	.68540	19.642	24.988	6.616
#1	244.30	3.6647	-.00318	-.00112	.0144
#2	242.70	3.6293	-.00421	-.00161	.0131

Sample Name: Z4938-04 Acquired: 10/16/2008 11:21:34 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00449	.00147	.00437	-.00022	.00062	.09793	.00929	.00003
Stddev	.00164	.00010	.00175	.00115	.00127	.00027	.00027	.00008
%RSD	36.450	6.6929	40.015	523.86	205.23	.27425	2.8532	241.34
#1	.00334	.00140	.00313	.00059	-.00028	.09812	.00910	-.00002
#2	.00565	.00154	.00561	-.00103	.00152	.09774	.00948	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	510.72	-.00034	-.00012	.00185	.38505	.02891	170.20
Stddev	.00003	.19	.00004	.00006	.00001	.00869	.00039	.26
%RSD	22.266	.03649	13.024	44.771	.38056	2.2579	1.3652	.15373
#1	.00015	510.85	-.00037	-.00016	.00184	.37890	.02863	170.38
#2	.00011	510.59	-.00031	-.00008	.00185	.39120	.02919	170.01

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00244	-.00048	6.9596	.00034	.01167	3.0902	.00282	.16794
Stddev	.00005	.00000	.0042	.00002	.00019	.0355	.00004	.00017
%RSD	1.9109	.00546	.06004	6.1967	1.6460	1.1493	1.3831	.10297
#1	.00241	-.00048	6.9566	.00035	.01153	3.0650	.00284	.16781
#2	.00248	-.00048	6.9625	.00033	.01181	3.1153	.00279	.16806

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F485.38	5.8606	-.00432	-.01037	.0329
Stddev	1.13	.0288	.00012	.00063	.0008
%RSD	.23356	.49168	2.7889	6.0981	2.529
#1	484.58	5.8810	-.00441	-.01082	.0335
#2	486.18	5.8402	-.00424	-.00992	.0324

Sample Name: Z4938-05 Acquired: 10/16/2008 11:23:24 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	.00225	.00472	.00004	-.00019	.02214	.00966	.00005
Stddev	.00003	.00061	.00067	.00035	.00096	.00323	.00021	.00000
%RSD	1.5648	27.186	14.121	956.26	505.52	14.596	2.1558	8.2061
#1	.00214	.00268	.00519	.00029	.00049	.01985	.00980	.00004
#2	.00209	.00182	.00425	-.00021	-.00087	.02442	.00951	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	470.30	-.00010	.00059	.00166	.03286	.06728	81.644
Stddev	.00008	.14	.00001	.00001	.00036	.00136	.00000	.027
%RSD	45.597	.02997	12.347	2.1481	21.857	4.1463	.00126	.03297
#1	.00024	470.20	-.00011	.00060	.00140	.03383	.06728	81.663
#2	.00012	470.40	-.00009	.00058	.00192	.03190	.06728	81.625

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00354	-.00021	17.836	.00061	.00885	2.7918	.00114	.05402
Stddev	.00016	.00002	.063	.00016	.00010	.0044	.00021	.00119
%RSD	4.4154	10.740	.35345	26.612	1.1170	.15915	18.627	2.1985
#1	.00365	-.00020	17.792	.00072	.00892	2.7950	.00099	.05486
#2	.00343	-.00023	17.881	.00049	.00878	2.7887	.00129	.05318

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F354.33	4.7823	-.00413	-.00949	.0248
Stddev	.80	.0248	.00066	.00076	.0008
%RSD	.22669	.51824	15.954	7.9888	3.394
#1	353.76	4.7998	-.00366	-.00895	.0242
#2	354.90	4.7648	-.00460	-.01002	.0254

Sample Name: CCV Acquired: 10/16/2008 11:25:44 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCV Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2373	5.2646	5.2427	5.3813	5.2117	10.145	10.219	.26366	2.6471
Stddev	.0076	.0038	.0126	.0122	.0064	.007	.028	.00016	.0033
%RSD	.14484	.07213	.24110	.22591	.12217	.06944	.26994	.06168	.12315
#1	5.2426	5.2673	5.2516	5.3727	5.2162	10.140	10.200	.26354	2.6494
#2	5.2319	5.2619	5.2337	5.3899	5.2072	10.150	10.239	.26377	2.6448

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.616	1.0562	2.6127	1.3170	5.1324	2.5720	25.031	2.6381	1.3104
Stddev	.020	.0006	.0019	.0030	.0059	.0086	.031	.0048	.0041
%RSD	.07711	.05235	.07167	.22663	.11489	.33507	.12518	.18163	.30944
#1	25.602	1.0565	2.6140	1.3191	5.1366	2.5659	25.009	2.6415	1.3076
#2	25.630	1.0558	2.6114	1.3149	5.1282	2.5781	25.053	2.6347	1.3133

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.126	2.5826	2.6718	25.172	5.2115	5.1552	5.1307	4.9133	5.2668
Stddev	.003	.0005	.0000	.009	.0008	.0064	.0215	.0038	.0050
%RSD	.01323	.02045	.00061	.03495	.01575	.12333	.41961	.07818	.09424
#1	25.128	2.5822	2.6718	25.179	5.2109	5.1597	5.1154	4.9106	5.2703
#2	25.124	2.5829	2.6719	25.166	5.2121	5.1507	5.1459	4.9160	5.2633

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	5.1240	4.966
Stddev	.0008	.003
%RSD	.01577	.0666
#1	5.1234	4.964
#2	5.1246	4.969

Sample Name: CCB Acquired: 10/16/2008 11:27:52 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00246	.00041	.00055	.00088	.00206	.00397	.00022	.00000
Stddev	.00103	.00065	.00020	.00080	.00013	.00002	.00053	.00002
%RSD	41.697	160.05	37.186	91.012	6.5482	.43356	245.28	611.16
#1	-.00319	-.00005	.00040	.00031	.00216	.00398	-.00016	.00002
#2	-.00174	.00087	.00069	.00144	.00197	.00396	.00059	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00370	.00032	.00020	-.00012	.00873	.00039	.00290
Stddev	.0000	.00047	.00002	.00010	.00011	.00131	.00006	.01640
%RSD	894.03	12.810	6.4390	52.103	95.765	14.958	15.664	565.69
#1	.00001	-.00336	.00030	.00012	-.00020	.00965	.00043	-.00870
#2	-.00001	-.00403	.00033	.00027	-.00004	.00780	.00034	.01450

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	.00043	.00297	.00012	.00011	.01527	.00098	.01915
Stddev	.00015	.00002	.00156	.00015	.00013	.02880	.00037	.00121
%RSD	32.723	4.8541	52.575	123.63	120.33	188.64	37.456	6.3274
#1	.00036	.00044	.00187	.00023	.00020	-.00510	.00124	.02001
#2	.00057	.00041	.00408	.00002	.00002	.03563	.00072	.01830

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00566	F.01045	.00093	.00045	.0035
Stddev	.00097	.00242	.00016	.00054	.0002
%RSD	17.219	23.184	17.068	119.85	4.537
#1	.00497	.00874	.00105	.00007	.0034
#2	.00635	.01216	.00082	.00083	.0037

Sample Name: Z4938-06 Acquired: 10/16/2008 11:29:39 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	.00302	.00495	.00095	-.00070	.01534	.01100	.00002
Stddev	.00023	.00058	.00029	.00037	.00151	.00230	.00026	.00002
%RSD	13.869	19.320	5.8940	38.981	217.23	15.000	2.4074	90.960
#1	.00151	.00260	.00474	.00069	.00037	.01372	.01118	.00004
#2	.00183	.00343	.00515	.00121	-.00176	.01697	.01081	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	541.84	-.00040	.00119	.00134	.18830	.17983	69.030
Stddev	.00007	2.48	.00011	.00022	.00024	.00465	.00081	.421
%RSD	113.07	.45685	27.189	18.590	18.014	2.4690	.45172	.61028
#1	-.00001	543.59	-.00032	.00135	.00117	.19159	.18041	69.328
#2	-.00011	540.09	-.00048	.00103	.00152	.18501	.17926	68.732

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00667	-.00047	4.3847	.00043	.01589	1.8516	.00244	.05264
Stddev	.00046	.00042	.0236	.00007	.00007	.0025	.00027	.00033
%RSD	6.9224	90.100	.53797	16.216	.41685	.13445	10.881	.62642
#1	.00700	-.00076	4.3681	.00038	.01584	1.8534	.00263	.05240
#2	.00634	-.00017	4.4014	.00047	.01593	1.8499	.00225	.05287

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F376.78	4.7277	-.00332	-.01262	.0183
Stddev	2.04	.0119	.00048	.00024	.0007
%RSD	.54125	.25151	14.536	1.8924	3.964
#1	378.23	4.7361	-.00298	-.01279	.0188
#2	375.34	4.7193	-.00366	-.01246	.0178

Sample Name: Z4938-07 Acquired: 10/16/2008 11:31:32 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00206	.00205	.00287	.00092	-.00120	.05101	.02680	.00003
Stddev	.00152	.00016	.00044	.00078	.00120	.00109	.00018	.00002
%RSD	73.791	7.8933	15.326	84.133	99.997	2.1384	.65545	76.707
#1	.00314	.00193	.00318	.00037	-.00205	.05178	.02668	.00001
#2	.00099	.00216	.00256	.00147	-.00035	.05024	.02693	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	177.84	.00007	.00156	.00092	1.2736	.17861	55.862
Stddev	.00004	.58	.00010	.00023	.00045	.0062	.00106	.038
%RSD	49.021	.32792	135.56	14.737	48.881	.48594	.59548	.06760
#1	.00010	177.43	.00014	.00140	.00123	1.2780	.17786	55.836
#2	.00005	178.25	.00000	.00172	.00060	1.2692	.17936	55.889

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	-.00044	3.1584	.00054	.00966	3.1385	.07680	.02404
Stddev	.00001	.00001	.0368	.00016	.00016	.0051	.00017	.00071
%RSD	.17635	1.7919	1.1664	28.636	1.6851	.16111	.22743	2.9614
#1	.00285	-.00043	3.1323	.00066	.00955	3.1349	.07668	.02455
#2	.00284	-.00044	3.1844	.00043	.00978	3.1421	.07693	.02354

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	99.535	4.8945	-.00343	-.00179	.0196
Stddev	.001	.0206	.00018	.00122	.0007
%RSD	.00065	.42083	5.2413	68.037	3.587
#1	99.536	4.8799	-.00330	-.00093	.0191
#2	99.535	4.9090	-.00355	-.00265	.0201

Sample Name: Z4938-08 Acquired: 10/16/2008 11:33:58 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	.00240	.00252	.00015	-.00065	.02034	.03043	.00007
Stddev	.00084	.00042	.00007	.00012	.00101	.00134	.00018	.00007
%RSD	66.090	17.514	2.9434	79.457	154.42	6.5707	.59179	96.401
#1	.00187	.00210	.00247	.00024	-.00137	.01939	.03030	.00002
#2	.00068	.00270	.00257	.00007	.00006	.02128	.03055	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	264.48	.00007	.00029	.00085	.01570	.02384	46.235
Stddev	.00004	2.08	.00010	.00013	.00045	.00228	.00033	.061
%RSD	393.28	.78561	143.52	44.281	52.928	14.518	1.3991	.13094
#1	.00002	263.01	.00014	.00038	.00053	.01732	.02361	46.193
#2	-.00004	265.95	.00000	.00020	.00117	.01409	.02408	46.278

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00220	-.00026	5.5899	.00048	.00879	1.6167	.00176	.03276
Stddev	.00015	.00004	.0490	.00014	.00008	.0294	.00026	.00075
%RSD	6.7886	15.484	.87658	29.900	.85574	1.8191	14.746	2.2859
#1	.00210	-.00029	5.5552	.00058	.00884	1.6375	.00195	.03329
#2	.00231	-.00023	5.6245	.00038	.00873	1.5959	.00158	.03224

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F165.90	3.8853	-.00315	-.00518	.0127
Stddev	.43	.0163	.00025	.00071	.0003
%RSD	.25785	.41878	7.8370	13.768	1.990
#1	166.20	3.8968	-.00298	-.00467	.0125
#2	165.60	3.8738	-.00333	-.00568	.0129

Sample Name: Z4938-09 Acquired: 10/16/2008 11:35:37 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00264	.00230	.00067	.00082	.00754	.04348	.00003
Stddev	.00135	.00123	.00119	.00038	.00033	.00091	.00044	.00004
%RSD	2397.6	46.690	51.731	56.838	39.516	12.072	1.0152	124.57
#1	-.00090	.00351	.00315	.00040	.00105	.00819	.04317	.00006
#2	.00101	.00177	.00146	.00094	.00059	.00690	.04380	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	356.33	.00003	-.00011	.00175	.03156	.00536	58.293
Stddev	.00009	.78	.00028	.00011	.00027	.00326	.00052	.107
%RSD	319.55	.21929	901.42	98.683	15.641	10.344	9.6197	.18326
#1	.00009	356.88	.00023	-.00003	.00195	.03387	.00499	58.369
#2	-.00004	355.77	-.00017	-.00018	.00156	.02925	.00572	58.218

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00305	-.00025	3.8387	.00045	.06566	1.5733	.00131	.02856
Stddev	.00020	.00029	.0308	.00028	.00001	.0076	.00021	.00031
%RSD	6.5819	117.36	.80353	61.558	.01149	.48492	16.011	1.0827
#1	.00291	-.00045	3.8605	.00065	.06566	1.5787	.00116	.02878
#2	.00319	-.00004	3.8168	.00026	.06567	1.5679	.00146	.02834

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F237.46	4.1423	-.00351	-.00789	.0156
Stddev	1.19	.0067	.00098	.00074	.0013
%RSD	.50106	.16304	28.044	9.3752	8.253
#1	238.30	4.1375	-.00281	-.00737	.0165
#2	236.61	4.1470	-.00421	-.00841	.0147

Sample Name: Z4938-10 Acquired: 10/16/2008 11:37:24 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00200	.00289	.00458	.00018	-.00008	.03491	.00106	.00009
Stddev	.00065	.00028	.00043	.00139	.00004	.00047	.00063	.00002
%RSD	32.219	9.7582	9.4458	781.77	43.224	1.3529	59.103	16.922
#1	.00155	.00309	.00488	.00116	-.00011	.03457	.00062	.00010
#2	.00246	.00269	.00427	-.00080	-.00006	.03524	.00151	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	526.21	-.00041	.02234	.00147	.27622	.27257	152.74
Stddev	.00009	2.65	.00010	.00022	.00012	.00340	.00213	.14
%RSD	179.82	.50376	24.359	.99763	8.4372	1.2300	.78230	.08965
#1	-.00001	528.08	-.00034	.02249	.00139	.27382	.27407	152.84
#2	.00011	524.33	-.00048	.02218	.00156	.27862	.27106	152.65

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	-.00029	2.4848	.00024	.01430	1.7169	.00086	.21146
Stddev	.00006	.00002	.0222	.00051	.00019	.0035	.00036	.00037
%RSD	3.7399	8.0520	.89477	212.53	1.3581	.20323	42.242	.17445
#1	.00172	-.00027	2.5005	.00060	.01417	1.7144	.00112	.21172
#2	.00163	-.00031	2.4691	-.00012	.01444	1.7193	.00060	.21120

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F495.09	4.8492	-.00394	-.01215	.0285
Stddev	.54	.0418	.00137	.00085	.0010
%RSD	.10916	.86186	34.856	6.9678	3.468
#1	494.70	4.8196	-.00491	-.01275	.0278
#2	495.47	4.8787	-.00297	-.01155	.0292

Sample Name: Z4938-11 Acquired: 10/16/2008 11:39:21 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	.00240	.00770	.00029	.00140	.63959	.01554	.00020
Stddev	.00028	.00030	.00144	.00059	.00014	.00158	.00022	.00003
%RSD	30.142	12.679	18.657	205.51	10.021	.24762	1.4008	17.301
#1	.00073	.00262	.00871	.00071	.00130	.64071	.01569	.00017
#2	.00112	.00219	.00668	-.00013	.00150	.63847	.01538	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	677.15	.00205	.00012	.00215	1.3137	.18069	143.00
Stddev	.00011	.08	.00023	.00029	.00003	.0019	.00012	.12
%RSD	148.26	.01234	11.290	242.53	1.4721	.14442	.06775	.08253
#1	.00000	677.21	.00188	-.00009	.00213	1.3150	.18061	142.92
#2	.00015	677.09	.00221	.00033	.00217	1.3123	.18078	143.08

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00193	-.00038	19.191	.00329	.00997	2.5447	.00026	.05691
Stddev	.00052	.00027	.007	.00028	.00009	.0200	.00004	.00028
%RSD	26.892	71.818	.03745	8.6358	.86755	.78601	14.071	.49906
#1	.00157	-.00057	19.196	.00309	.00991	2.5306	.00023	.05671
#2	.00230	-.00019	19.186	.00349	.01003	2.5589	.00028	.05711

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F404.18	5.3720	-.00371	-.00134	.0308
Stddev	.30	.0416	.00056	.00160	.0010
%RSD	.07453	.77360	15.218	119.02	3.135
#1	404.40	5.4014	-.00410	-.00248	.0314
#2	403.97	5.3426	-.00331	-.00021	.0301

Sample Name: Z4938-12 Acquired: 10/16/2008 11:41:10 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	.00236	.00548	-.00036	.00034	.04931	.00904	.00007
Stddev	.00201	.00038	.00033	.00088	.00005	.00202	.00036	.00003
%RSD	284.44	16.093	6.0784	243.48	14.616	4.0925	3.9892	40.572
#1	.00212	.00209	.00571	.00026	.00031	.04788	.00878	.00009
#2	-.00071	.00262	.00524	-.00098	.00038	.05074	.00929	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	549.40	.00090	.00058	.00175	.55005	.05516	65.908
Stddev	.00005	.68	.00004	.00036	.00007	.02414	.00054	.114
%RSD	78.816	.12443	4.4612	61.610	3.9453	4.3889	.97355	.17302
#1	.00003	549.89	.00093	.00083	.00170	.56712	.05554	65.989
#2	.00010	548.92	.00088	.00033	.00180	.53298	.05478	65.827

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00410	-.00056	9.3173	.00036	.00814	1.5463	.00368	.04279
Stddev	.00041	.00006	.0203	.00045	.00014	.0200	.00019	.00044
%RSD	10.072	10.431	.21818	125.10	1.7632	1.2966	5.0597	1.0292
#1	.00381	-.00051	9.3317	.00068	.00803	1.5321	.00355	.04310
#2	.00439	-.00060	9.3030	.00004	.00824	1.5605	.00382	.04248

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F395.82	3.7790	-.00361	-.01172	.0192
Stddev	.85	.0057	.00060	.00116	.0015
%RSD	.21562	.15038	16.674	9.9203	7.646
#1	395.21	3.7750	-.00319	-.01090	.0203
#2	396.42	3.7830	-.00404	-.01255	.0182

Sample Name: CRI Acquired: 10/16/2008 11:43:24 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01220	.02827	.01299	.04311	.06074	-.00745	-.00030	.00547
Stddev	.00131	.00005	.00137	.00063	.00059	.00280	.00087	.00004
%RSD	10.756	.18361	10.546	1.4643	.97909	37.578	291.04	.72421
#1	.01127	.02831	.01202	.04267	.06117	-.00547	-.00091	.00544
#2	.01313	.02823	.01396	.04356	.06032	-.00942	.00031	.00550

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00583	.01707	.01115	.05829	.02868	.12063	.01572	.00035
Stddev	.00006	.00955	.00013	.00029	.00033	.00534	.00019	.00886
%RSD	1.0249	55.964	1.1267	.49480	1.1578	4.4268	1.2234	2545.6
#1	.00579	.01031	.01106	.05849	.02892	.12440	.01558	-.00592
#2	.00588	.02382	.01124	.05809	.02845	.11685	.01586	.00661

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04605	.01102	-.02658	.05418	.07300	-.01260	1.1183	1.0688
Stddev	.00013	.00028	.00025	.00025	.00037	.03272	.0014	.0005
%RSD	.27855	2.5536	.95647	.45857	.50133	259.61	.12302	.04467
#1	.04596	.01082	-.02640	.05400	.07326	-.03574	1.1173	1.0692
#2	.04614	.01122	-.02676	.05435	.07274	.01053	1.1192	1.0685

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F.01020	F1.0315	F1.1380	F.99387	F.0010
Stddev	.00032	.0056	.0012	.00077	.0010
%RSD	3.1009	.54805	.10879	.07759	100.3
#1	.01042	1.0355	1.1389	.99441	.0003
#2	.00998	1.0275	1.1372	.99332	.0017

Sample Name: ICSA Acquired: 10/16/2008 11:45:23 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00758	.00067	.00938	-.00578	.00163	228.61	.00254	.00068
Stddev	.00222	.00083	.00068	.00016	.00167	.40	.00010	.00002
%RSD	29.317	124.18	7.2808	2.8312	102.54	.17559	3.9625	2.2206
#1	.00601	.00126	.00890	-.00589	.00282	228.32	.00261	.00067
#2	.00916	.00008	.00987	-.00566	.00045	228.89	.00247	.00069

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00265	234.95	.04272	.00447	.02994	90.561	.01881	251.62
Stddev	.00003	1.52	.00025	.00025	.00021	.415	.00037	.58
%RSD	1.0009	.64756	.57939	5.5986	.71602	.45831	1.9895	.23213
#1	.00267	233.87	.04290	.00465	.02979	90.268	.01854	251.20
#2	.00263	236.02	.04255	.00430	.03009	90.854	.01907	252.03

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01970	-.00099	.72252	.00241	.03101	.02871	-.00009	-.00769
Stddev	.00027	.00023	.01180	.00024	.00001	.02138	.00011	.00081
%RSD	1.3751	23.144	1.6329	9.8640	.02522	74.464	127.20	10.482
#1	.01951	-.00116	.71417	.00258	.03100	.04383	-.00016	-.00712
#2	.01989	-.00083	.73086	.00224	.03102	.01359	-.00001	-.00826

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07586	-.00630	-.00029	-.00475	.0058
Stddev	.00164	.01168	.00056	.00273	.0007
%RSD	2.1624	185.58	195.45	57.437	12.43
#1	.07470	-.01456	.00011	-.00282	.0053
#2	.07702	.00197	-.00068	-.00668	.0063

Sample Name: ICSAB Acquired: 10/16/2008 11:47:39 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09818	.09721	.05875	.05198	.59186	229.56	.45267	.48840
Stddev	.00373	.00233	.00252	.00212	.00196	1.45	.00153	.00055
%RSD	3.7980	2.4003	4.2915	4.0775	.33047	.63181	.33891	.11227
#1	.09554	.09556	.05697	.05348	.59048	228.54	.45158	.48801
#2	.10082	.09886	.06053	.05049	.59325	230.59	.45375	.48878

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96011	231.76	.53085	.47304	.49767	89.014	.47402	249.23
Stddev	.00097	1.01	.00289	.00138	.00138	.289	.00087	.62
%RSD	.10106	.43726	.54446	.29276	.27692	.32431	.18374	.24731
#1	.95942	231.05	.52881	.47206	.49670	88.810	.47341	248.80
#2	.96079	232.48	.53290	.47402	.49865	89.218	.47464	249.67

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97924	.20317	.70840	.47992	1.0013	-.00091	-.00044	-.01193
Stddev	.00162	.00017	.01208	.00153	.0008	.00324	.00036	.00097
%RSD	.16569	.08435	1.7048	.31944	.07869	355.81	80.710	8.1690
#1	.97810	.20305	.69986	.48100	1.0008	.00138	-.00069	-.01261
#2	.98039	.20329	.71694	.47883	1.0019	-.00320	-.00019	-.01124

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07542	-.02384	-.00062	-.00562	F.0038
Stddev	.00278	.00454	.00074	.00038	.0001
%RSD	3.6908	19.028	119.53	6.7314	3.379
#1	.07739	-.02063	-.00115	-.00535	.0037
#2	.07346	-.02705	-.00010	-.00588	.0039

Sample Name: CCV Acquired: 10/16/2008 12:00:55 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCV Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0152	5.1224	5.0795	5.0478	5.0469	9.7949	10.417	.24891	2.5610
Stddev	.0004	.0011	.0002	.0000	.0013	.0305	.097	.00011	.0015
%RSD	.00819	.02224	.00459	.00085	.02647	.31117	.93375	.04588	.05971
#1	5.0149	5.1215	5.0793	5.0479	5.0460	9.7733	10.485	.24899	2.5599
#2	5.0155	5.1232	5.0796	5.0478	5.0479	9.8164	10.348	.24883	2.5620

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.349	1.0108	2.5405	1.2760	5.1145	2.5545	24.993	2.5531	1.2470
Stddev	.044	.0012	.0004	.0013	.0043	.0030	.031	.0033	.0022
%RSD	.17411	.12297	.01766	.09980	.08431	.11846	.12588	.12964	.17876
#1	25.380	1.0117	2.5402	1.2751	5.1176	2.5524	24.971	2.5508	1.2455
#2	25.318	1.0100	2.5409	1.2769	5.1115	2.5566	25.016	2.5554	1.2486

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.376	2.5091	2.5580	24.968	5.0933	5.0036	4.9607	5.1488	5.0911
Stddev	.027	.0077	.0005	.123	.0040	.0048	.0106	.0869	.0016
%RSD	.10776	.30688	.01983	.49336	.07759	.09635	.21273	1.6882	.03126
#1	25.395	2.5036	2.5577	24.880	5.0961	5.0001	4.9681	5.2103	5.0922
#2	25.356	2.5145	2.5584	25.055	5.0906	5.0070	4.9532	5.0873	5.0900

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	5.1467	5.058
Stddev	.0028	.015
%RSD	.05398	.2891
#1	5.1447	5.068
#2	5.1486	5.048

Sample Name: CCB Acquired: 10/16/2008 12:02:40 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00253	.00073	.00049	.00033	.00185	-.00263	.00017	.00005
Stddev	.00073	.00063	.00049	.00024	.00057	.00294	.00040	.00004
%RSD	28.833	87.262	100.25	71.005	30.959	111.49	229.19	69.572
#1	.00201	.00118	.00014	.00050	.00225	-.00471	.00045	.00008
#2	.00304	.00028	.00084	.00017	.00144	-.00056	-.00011	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.01067	-.00034	-.00001	.00020	.00549	.00038	.01904
Stddev	.00004	.00910	.00016	.00005	.00020	.00976	.00010	.03400
%RSD	42.535	85.295	47.303	392.91	102.02	177.94	25.970	178.54
#1	.00006	.00424	-.00022	-.00005	.00034	-.00142	.00045	-.00500
#2	.00012	.01711	-.00045	.00002	.00005	.01239	.00031	.04309

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.00023	.00610	.00011	.00009	.01580	.00086	.02261
Stddev	.00043	.00031	.00067	.00008	.00019	.02198	.00039	.00303
%RSD	295.82	136.69	10.930	77.219	218.52	139.12	46.055	13.424
#1	-.00045	.00001	.00658	.00005	.00022	.03134	.00113	.02475
#2	.00016	.00044	.00563	.00017	-.00005	.00026	.00058	.02046

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00030	-.00349	.00062	.00219	.0026
Stddev	.00042	.02230	.00022	.00147	.0008
%RSD	140.04	638.92	35.264	67.115	30.24
#1	.00060	-.01926	.00077	.00323	.0031
#2	.00000	.01228	.00046	.00115	.0020

Sample Name: PB37296BL Acquired: 10/16/2008 12:04:28 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: PBS Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00123	-.00035	-.00108	.00034	.00072	-.00276	.00017
Stddev	.00064	.00033	.00002	.00233	.00048	.00119	.00032
%RSD	51.887	92.854	2.3136	676.36	65.912	43.222	181.99
#1	.00168	-.00059	-.00110	.00199	.00106	-.00361	.00040
#2	.00078	-.00012	-.00106	-.00130	.00039	-.00192	-.00005

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00005	.01037	-.00026	-.00014	.00019	-.00062
Stddev	.00001	.00008	.00218	.00022	.00017	.00004	.00513
%RSD	514.48	152.81	21.039	83.511	123.82	20.524	827.30
#1	.00001	.00000	.00883	-.00011	-.00026	.00022	-.00425
#2	.00000	.00010	.01191	-.00042	-.00002	.00016	.00301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	.03737	-.00023	.00050	.00106	.00033	.00010
Stddev	.00041	.02390	.00007	.00037	.00726	.00021	.00006
%RSD	103.69	63.955	30.320	73.934	685.25	63.921	59.329
#1	.00010	.02047	-.00028	.00024	-.00407	.00048	.00006
#2	.00068	.05427	-.00018	.00076	.00619	.00018	.00015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03100	-.00032	.00171	-.00137	F-.02824	-.00027	.00192
Stddev	.06020	.00006	.00020	.00154	.01446	.00028	.00002
%RSD	194.21	18.843	11.925	112.73	51.199	102.93	1.2165
#1	-.07356	-.00028	.00185	-.00246	-.01801	-.00007	.00193
#2	.01157	-.00036	.00156	-.00028	-.03846	-.00046	.00190

Sample Name: PB37296BL Acquired: 10/16/2008 12:04:28 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: PBS Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	.0016
Stddev	.0001
%RSD	5.922
#1	.0017
#2	.0015

Sample Name: PB37296BS Acquired: 10/16/2008 12:06:15 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: LCSS Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2726	.08630	.51312	.08682	.70523	1.0303	.01501	.04637
Stddev	.0054	.00097	.00404	.00096	.00094	.0043	.00065	.00002
%RSD	.23842	1.1255	.78709	1.1044	.13298	.41273	4.3542	.04514
#1	2.2764	.08698	.51598	.08614	.70457	1.0333	.01455	.04638
#2	2.2687	.08561	.51027	.08750	.70590	1.0273	.01547	.04635

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10000	451.72	.25449	.35075	15.177	64.522	.57942	287.63
Stddev	.00026	.85	.00163	.00051	.021	.231	.00428	.22
%RSD	.25699	.18804	.63939	.14576	.13581	.35787	.73822	.07645
#1	.10018	451.12	.25334	.35111	15.192	64.358	.57640	287.47
#2	.09981	452.32	.25564	.35039	15.163	64.685	.58245	287.78

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14470	.05627	1.2036	.16142	.42057	.19386	.12588	.00457
Stddev	.00015	.00030	.0039	.00063	.00060	.01363	.00048	.00018
%RSD	.10137	.52737	.32108	.38997	.14204	7.0308	.37867	3.8520
#1	.14460	.05648	1.2063	.16187	.42100	.18423	.12621	.00470
#2	.14481	.05606	1.2009	.16097	.42015	.20350	.12554	.00445

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	F.57366	1.7971	F.01169	F.04049	F.0014
Stddev	.00101	.0150	.00032	.00016	.0003
%RSD	.17625	.83635	2.7741	.39028	18.93
#1	.57294	1.7865	.01192	.04060	.0013
#2	.57437	1.8078	.01146	.04038	.0016

Sample Name: Z4915-01 Acquired: 10/16/2008 12:24:57 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: MC02X9 Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03347	-.00244	.10454	.00016	.00568	46.160	.32769	.00401
Stddev	.00020	.00081	.00058	.00182	.00028	.285	.00201	.00000
%RSD	.59482	33.036	.55250	1133.7	5.0065	.61845	.61424	.02097
#1	.03361	-.00187	.10413	-.00113	.00588	46.362	.32627	.00401
#2	.03333	-.00301	.10495	.00145	.00548	45.958	.32911	.00401

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00209	3.9846	.08421	.05060	.08335	100.66	.99382	4.9512
Stddev	.00001	.0175	.00029	.00051	.00022	.55	.00715	.0729
%RSD	.42397	.43980	.34603	1.0049	.26352	.54637	.71943	1.4721
#1	.00209	3.9722	.08400	.05024	.08319	100.27	.98877	4.8996
#2	.00210	3.9970	.08441	.05096	.08350	101.05	.99888	5.0027

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07792	-.00028	1.1980	.13362	.44892	4.5084	.00521	-.00759
Stddev	.00042	.00031	.0103	.00028	.00345	.0023	.00008	.00150
%RSD	.53834	108.61	.85602	.20709	.76791	.05036	1.4424	19.785
#1	.07763	-.00007	1.1907	.13382	.44648	4.5100	.00527	-.00652
#2	.07822	-.00050	1.2052	.13343	.45136	4.5068	.00516	-.00865

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8253	3.7505	-.00083	.25957	.0319
Stddev	.0286	.0093	.00002	.00250	.0031
%RSD	.59346	.24795	2.4244	.96432	9.761
#1	4.8051	3.7571	-.00082	.25780	.0297
#2	4.8456	3.7439	-.00085	.26134	.0341

Sample Name: Z4915-02 Acquired: 10/16/2008 12:26:44 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: MC02X9D Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03690	-.00224	.10775	-.00079	.00440	47.124	.32677	.00417
Stddev	.00038	.00055	.00028	.00103	.00138	.022	.00047	.00002
%RSD	1.0282	24.329	.26423	130.16	31.322	.04774	.14474	.50367
#1	.03663	-.00263	.10755	-.00006	.00342	47.108	.32710	.00418
#2	.03717	-.00186	.10795	-.00152	.00537	47.140	.32643	.00415

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00204	4.0659	.08685	.05193	.08712	102.34	1.0107	5.2049
Stddev	.00003	.0219	.00001	.00005	.00034	.05	.0021	.0355
%RSD	1.5297	.53819	.01602	.10046	.39439	.04610	.20999	.68257
#1	.00206	4.0814	.08686	.05197	.08688	102.31	1.0092	5.1797
#2	.00202	4.0504	.08684	.05190	.08736	102.38	1.0122	5.2300

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08084	-.00033	1.2081	.13760	.46673	4.5835	.00540	-.01054
Stddev	.00068	.00010	.0077	.00018	.00171	.0138	.00022	.00130
%RSD	.84628	29.760	.63768	.13314	.36602	.30066	4.1672	12.322
#1	.08036	-.00026	1.2027	.13773	.46552	4.5738	.00524	-.00963
#2	.08132	-.00040	1.2136	.13747	.46794	4.5933	.00556	-.01146

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9111	3.7150	-.00136	.26313	.0320
Stddev	.0108	.0383	.00024	.00107	.0002
%RSD	.21956	1.0311	17.472	.40607	.7230
#1	4.9188	3.6879	-.00153	.26389	.0322
#2	4.9035	3.7420	-.00119	.26238	.0318

Sample Name: Z4915-01LX5 Acquired: 10/16/2008 12:28:37 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: MC02X9L Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00869	-.00025	.02034	-.00064	.00289	8.8158	.06372	.00077
Stddev	.00050	.00065	.00037	.00138	.00050	.0044	.00009	.00002
%RSD	5.7193	255.29	1.8284	214.76	17.400	.05005	.14262	2.3922
#1	.00834	.00020	.02060	.00033	.00253	8.8189	.06378	.00075
#2	.00904	-.00071	.02008	-.00162	.00324	8.8127	.06365	.00078

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.77497	.01606	.00957	.01683	19.396	.19232	.98705
Stddev	.00003	.01139	.00046	.00002	.00008	.047	.00169	.00151
%RSD	8.8385	1.4697	2.8778	.17227	.48431	.24193	.87668	.15348
#1	.00032	.78303	.01638	.00956	.01678	19.363	.19113	.98597
#2	.00036	.76692	.01573	.00959	.01689	19.429	.19351	.98812

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01463	.00016	.23645	.02519	.08371	.91344	.00050	-.01207
Stddev	.00040	.00005	.00674	.00054	.00059	.00998	.00011	.00065
%RSD	2.7429	30.606	2.8505	2.1417	.70775	1.0925	22.227	5.3750
#1	.01491	.00019	.23168	.02481	.08413	.92049	.00058	-.01253
#2	.01434	.00012	.24122	.02557	.08329	.90638	.00042	-.01161

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.93717	.72397	.00007	.05217	.0113
Stddev	.00876	.00758	.00065	.00131	.0000
%RSD	.93506	1.0471	957.06	2.5142	.1901
#1	.94336	.72933	.00053	.05125	.0113
#2	.93097	.71861	-.00039	.05310	.0113

Sample Name: Z4915-04 Acquired: 10/16/2008 12:32:22 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: MC02Y0 Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03046	-.00092	.58272	-.00441	.00899	48.144	.59595	.00561
Stddev	.00119	.00074	.00092	.00083	.00028	.028	.00137	.00011
%RSD	3.9189	80.413	.15768	18.737	3.0680	.05752	.23002	1.9050
#1	.03130	-.00144	.58207	-.00500	.00919	48.164	.59692	.00554
#2	.02961	-.00040	.58337	-.00383	.00880	48.125	.59498	.00569

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01556	8.5525	.10150	.07292	.17584	164.30	2.6761	9.1020
Stddev	.00004	.0006	.00019	.00056	.00033	.00	.0001	.0794
%RSD	.24568	.00717	.18570	.76980	.18896	.00096	.00386	.87225
#1	.01559	8.5530	.10136	.07331	.17560	164.30	2.6760	9.0459
#2	.01554	8.5521	.10163	.07252	.17607	164.29	2.6761	9.1581

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10299	.00026	.68103	.15845	6.9957	5.8843	.00269	-.01354
Stddev	.00037	.00020	.00007	.00029	.0069	.0202	.00004	.00074
%RSD	.35522	77.480	.01058	.18353	.09791	.34383	1.3815	5.4608
#1	.10325	.00012	.68098	.15825	7.0005	5.8700	.00266	-.01407
#2	.10273	.00041	.68108	.15866	6.9909	5.8986	.00271	-.01302

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.8254	4.1723	.00808	.44892	.0543
Stddev	.0146	.0619	.00011	.00290	.0010
%RSD	.24999	1.4834	1.4068	.64561	1.843
#1	5.8357	4.1286	.00816	.45097	.0550
#2	5.8151	4.2161	.00800	.44687	.0536

Sample Name: Z4915-05 Acquired: 10/16/2008 12:34:13 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: MC02Y1 Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02688	.00358	.57369	-.00748	.00532	41.491	.47658	.00533
Stddev	.00286	.00236	.00149	.00081	.00174	.193	.00210	.00001
%RSD	10.630	65.915	.26043	10.868	32.824	.46565	.44112	.17770
#1	.02486	.00525	.57475	-.00690	.00408	41.627	.47806	.00533
#2	.02890	.00191	.57263	-.00805	.00655	41.354	.47509	.00532

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01541	8.9390	.08602	.09447	.17405	125.77	2.6705	8.8808
Stddev	.00015	.0211	.00036	.00015	.00005	.14	.0052	.0190
%RSD	.96438	.23620	.42309	.15429	.02759	.10956	.19573	.21368
#1	.01552	8.9539	.08576	.09437	.17408	125.87	2.6742	8.8942
#2	.01531	8.9240	.08628	.09458	.17401	125.67	2.6668	8.8673

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10253	.00022	.58699	.11779	7.8573	2.5672	.00035	-.01811
Stddev	.00029	.00023	.00205	.00046	.0342	.0154	.00005	.00019
%RSD	.28711	101.67	.34844	.39109	.43539	.59952	14.669	1.0689
#1	.10274	.00038	.58843	.11812	7.8815	2.5780	.00032	-.01825
#2	.10232	.00006	.58554	.11746	7.8331	2.5563	.00039	-.01797

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8338	9.0650	.01496	.20630	.0450
Stddev	.0125	.0347	.00014	.00196	.0004
%RSD	.25780	.38315	.94622	.94824	.9615
#1	4.8426	9.0895	.01506	.20492	.0447
#2	4.8249	9.0404	.01486	.20769	.0453

Sample Name: Z4915-06 Acquired: 10/16/2008 12:36:05 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: MC02Y2 Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01964	-.00254	.11318	-.00084	.00396	62.049	.36449	.00338
Stddev	.00283	.00019	.00042	.00019	.00111	.155	.00069	.00013
%RSD	14.391	7.3988	.37005	22.465	28.001	.25033	.18869	3.9689
#1	.02164	-.00240	.11289	-.00071	.00318	62.159	.36401	.00347
#2	.01764	-.00267	.11348	-.00098	.00474	61.939	.36498	.00328

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00128	6.6837	.11660	.04083	.12009	91.008	.85416	10.043
Stddev	.00007	.0141	.00009	.00002	.00028	.395	.00301	.022
%RSD	5.6451	.21165	.07818	.05129	.23496	.43379	.35183	.21797
#1	.00123	6.6737	.11653	.04082	.11989	90.729	.85204	10.028
#2	.00133	6.6937	.11666	.04085	.12029	91.287	.85629	10.059

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08469	-.00033	.67715	.15307	.31314	6.5188	.00344	-.01082
Stddev	.00042	.00000	.00135	.00078	.00036	.0523	.00024	.00044
%RSD	.49278	1.3917	.19883	.51132	.11631	.80260	6.9184	4.0775
#1	.08499	-.00033	.67810	.15362	.31288	6.5558	.00361	-.01113
#2	.08440	-.00034	.67620	.15251	.31340	6.4818	.00327	-.01051

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	8.6564	3.9915	-.00103	.41566	.0653
Stddev	.0361	.0103	.00030	.00013	.0002
%RSD	.41753	.25909	29.065	.03197	.3335
#1	8.6309	3.9988	-.00125	.41575	.0655
#2	8.6820	3.9842	-.00082	.41556	.0652

Sample Name: Z4915-07 Acquired: 10/16/2008 12:38:06 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: MC02Y3 Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02060	-.00146	.13111	-.00006	.00423	43.398	.68063	.00393
Stddev	.00070	.00075	.00070	.00204	.00058	.015	.00055	.00007
%RSD	3.4130	51.596	.53178	3641.0	13.826	.03376	.08065	1.7848
#1	.02010	-.00199	.13161	-.00150	.00464	43.409	.68024	.00397
#2	.02110	-.00093	.13062	.00139	.00382	43.388	.68102	.00388

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	49.802	.06806	.04917	.09408	78.049	1.2108	6.0610
Stddev	.00004	.092	.00054	.00021	.00020	.274	.0050	.0294
%RSD	3.5190	.18487	.79141	.43492	.21608	.35057	.41030	.48561
#1	.00101	49.737	.06844	.04932	.09394	77.856	1.2073	6.0402
#2	.00107	49.867	.06768	.04902	.09423	78.243	1.2144	6.0818

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08239	-.00026	1.1210	.09088	.32024	6.5636	.00352	.01744
Stddev	.00038	.00021	.0030	.00008	.00119	.0575	.00026	.00008
%RSD	.45943	79.552	.26546	.09236	.37034	.87650	7.3718	.46069
#1	.08266	-.00011	1.1189	.09094	.32108	6.5229	.00370	.01738
#2	.08212	-.00040	1.1231	.09082	.31940	6.6042	.00333	.01750

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	42.965	4.6317	.00068	.64755	.0416
Stddev	.092	.0254	.00027	.00283	.0003
%RSD	.21463	.54848	40.054	.43718	.6509
#1	43.031	4.6497	.00049	.64554	.0414
#2	42.900	4.6138	.00087	.64955	.0418

Sample Name: CCV Acquired: 10/16/2008 12:40:10 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCV Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1468	5.0834	5.1232	5.0031	5.1058	9.8377	10.514	.25484	2.5901
Stddev	.0040	.0083	.0083	.0103	.0087	.0027	.002	.00122	.0042
%RSD	.07743	.16300	.16121	.20650	.17036	.02725	.01777	.47773	.16379
#1	5.1440	5.0893	5.1173	4.9958	5.0997	9.8396	10.515	.25570	2.5871
#2	5.1496	5.0776	5.1290	5.0104	5.1120	9.8358	10.512	.25398	2.5931

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.449	1.0467	2.5721	1.2971	5.2168	2.6339	25.571	2.6206	1.2868
Stddev	.035	.0039	.0032	.0019	.0222	.0038	.022	.0061	.0004
%RSD	.13173	.37436	.12407	.14886	.42504	.14488	.08438	.23162	.02996
#1	26.424	1.0440	2.5698	1.2957	5.2011	2.6312	25.586	2.6163	1.2871
#2	26.474	1.0495	2.5743	1.2985	5.2324	2.6366	25.555	2.6249	1.2865

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.570	2.5075	2.5784	25.402	5.0765	4.9417	4.8353	4.8738	5.1821
Stddev	.023	.0019	.0005	.071	.0035	.0115	.0025	.0269	.0087
%RSD	.09075	.07618	.01893	.27893	.06934	.23172	.05149	.55134	.16765
#1	25.553	2.5089	2.5780	25.452	5.0740	4.9336	4.8371	4.8548	5.1759
#2	25.586	2.5062	2.5787	25.352	5.0790	4.9498	4.8335	4.8928	5.1882

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	5.2408	5.042
Stddev	.0016	.011
%RSD	.03084	.2246
#1	5.2420	5.050
#2	5.2397	5.034

Sample Name: CCB Acquired: 10/16/2008 12:42:02 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	-.00001	-.00098	-.00113	.00127	.00461	-.00031
Stddev	.00110	.00066	.00025	.00112	.00084	.00126	.00029
%RSD	79.065	6106.8	25.295	99.667	66.253	27.394	95.864
#1	.00061	.00046	-.00115	-.00192	.00067	.00372	-.00052
#2	.00216	-.00048	-.00080	-.00033	.00186	.00551	-.00010

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00004	.01544	-.00052	-.00013	.00051	.00389
Stddev	.00005	.00005	.00488	.00005	.00003	.00000	.00200
%RSD	233.14	128.91	31.630	9.0699	24.874	.60381	51.421
#1	.00006	.00000	.01889	-.00056	-.00015	.00051	.00531
#2	-.00001	.00008	.01199	-.00049	-.00011	.00051	.00248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.00250	.00000	.00056	-.00666	.00003	.00020
Stddev	.00028	.01397	.00012	.00009	.00974	.00017	.00005
%RSD	79.844	558.95	9001.3	15.258	146.12	505.73	26.928
#1	.00055	-.00738	.00008	.00050	.00022	.00015	.00016
#2	.00015	.01238	-.00008	.00062	-.01355	-.00009	.00024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06039	.00049	.00760	-.00203	F-.02044	.00010	.00092
Stddev	.00327	.00044	.00209	.00210	.02160	.00049	.00008
%RSD	5.4187	91.171	27.547	103.37	105.63	467.12	8.8785
#1	.05808	.00080	.00908	-.00055	-.03572	.00045	.00086
#2	.06271	.00017	.00612	-.00352	-.00517	-.00024	.00098

Sample Name: CCB Acquired: 10/16/2008 12:42:02 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	.0031
Stddev	.0012
%RSD	36.88
#1	.0040
#2	.0023

Sample Name: Z4915-03 Acquired: 10/16/2008 12:54:05 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: MC02X9S Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12000	.10893	.14001	.10169	.23432	48.376	5.2327	.11293
Stddev	.00294	.00184	.00072	.00242	.00070	.046	.0057	.00019
%RSD	2.4469	1.6871	.51652	2.3818	.29750	.09560	.10869	.16748
#1	.11792	.11023	.13950	.10340	.23382	48.409	5.2287	.11306
#2	.12207	.10763	.14052	.09998	.23481	48.343	5.2367	.11279

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11816	3.8245	.56225	1.2081	.64819	99.055	2.1545	4.6642
Stddev	.00041	.0022	.00274	.0003	.00155	.265	.0051	.0135
%RSD	.34501	.05640	.48726	.02104	.23864	.26787	.23817	.28922
#1	.11845	3.8230	.56032	1.2083	.64710	98.867	2.1509	4.6738
#2	.11788	3.8260	.56419	1.2079	.64928	99.242	2.1581	4.6547

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2448	.05173	1.1282	1.2707	1.5386	4.4593	.00447	-.00884
Stddev	.0010	.00071	.0133	.0008	.0005	.0495	.00008	.00022
%RSD	.08096	1.3667	1.1827	.06008	.03536	1.1089	1.8448	2.4548
#1	1.2441	.05123	1.1188	1.2701	1.5382	4.4943	.00453	-.00868
#2	1.2455	.05223	1.1376	1.2712	1.5389	4.4244	.00442	-.00899

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.3991	3.5210	-.00148	.25341	.0296
Stddev	.0159	.0028	.00007	.00208	.0015
%RSD	.36125	.08054	4.4877	.82277	5.228
#1	4.4103	3.5190	-.00152	.25193	.0285
#2	4.3879	3.5230	-.00143	.25488	.0307

Sample Name: CRI Acquired: 10/16/2008 13:12:06 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01186	.02828	.01218	.04260	.06173	.00431	.00000
Stddev	.00090	.00058	.00006	.00154	.00067	.00366	.00012
%RSD	7.6149	2.0435	.51296	3.6201	1.0898	84.917	13364.
#1	.01250	.02869	.01213	.04150	.06221	.00172	.00009
#2	.01122	.02787	.01222	.04369	.06125	.00690	-.00009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00547	.00577	.00091	.01134	.05800	.02951	.11596
Stddev	.00004	.00000	.00823	.00050	.00025	.00010	.00491
%RSD	.66586	.06668	906.54	4.3740	.42692	.34461	4.2326
#1	.00549	.00577	.00672	.01099	.05817	.02958	.11249
#2	.00544	.00576	-.00491	.01169	.05782	.02943	.11943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01628	-.00895	.04541	.01068	.00958	.05554	.07110
Stddev	.00037	.01595	.00057	.00008	.00492	.00034	.00044
%RSD	2.2811	178.15	1.2513	.73794	51.413	.62034	.62479
#1	.01655	.00233	.04501	.01074	.01306	.05578	.07141
#2	.01602	-.02024	.04581	.01063	.00610	.05529	.07079

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01976	1.1178	1.1206	F-.00033	F1.0638	F1.1313	F1.0718
Stddev	.02090	.0000	.0047	.00167	.0022	.0017	.0019
%RSD	105.77	.00218	.42431	510.35	.20323	.14822	.17738
#1	-.00498	1.1178	1.1239	-.00150	1.0622	1.1301	1.0704
#2	-.03454	1.1178	1.1172	.00085	1.0653	1.1325	1.0731

Sample Name: CRI Acquired: 10/16/2008 13:12:06 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	F.0014
Stddev	.0001
%RSD	4.625
#1	.0014
#2	.0015

Sample Name: ICSA Acquired: 10/16/2008 13:14:20 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	.00332	.00995	-.00658	.00182	231.90	.00258	.00065
Stddev	.00252	.00059	.00105	.00184	.00239	1.21	.00011	.00002
%RSD	119.00	17.903	10.534	27.885	131.65	.52123	4.2787	3.3194
#1	.00390	.00290	.00921	-.00788	.00351	232.76	.00250	.00063
#2	.00034	.00374	.01069	-.00528	.00013	231.05	.00265	.00066

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	243.02	.04176	.00397	.03249	94.139	.01889	255.17
Stddev	.00034	1.45	.00074	.00038	.00022	.659	.00008	.34
%RSD	17.899	.59820	1.7831	9.5890	.69084	.69993	.40524	.13332
#1	.00215	241.99	.04124	.00370	.03233	93.673	.01883	254.93
#2	.00167	244.05	.04229	.00424	.03265	94.605	.01894	255.42

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01925	-.00130	.83044	.00276	.02999	-.01232	.00076	.00392
Stddev	.00006	.00031	.00687	.00018	.00007	.00700	.00006	.00103
%RSD	.31208	23.845	.82711	6.5455	.22409	56.785	7.8712	26.338
#1	.01929	-.00108	.82558	.00263	.03004	-.01727	.00072	.00466
#2	.01921	-.00152	.83529	.00288	.02994	-.00737	.00080	.00319

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06850	-.02099	.00019	-.00554	.0096
Stddev	.00608	.01853	.00084	.00084	.0000
%RSD	8.8722	88.309	455.69	15.142	.3276
#1	.06421	-.00788	.00078	-.00613	.0096
#2	.07280	-.03409	-.00041	-.00494	.0096

Sample Name: ICSAB Acquired: 10/16/2008 13:16:19 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09520	.09735	.05808	.05195	.60469	234.49	.50842	.49539
Stddev	.00248	.00217	.00019	.00024	.00088	.03	.00128	.00180
%RSD	2.6047	2.2279	.32463	.46313	.14485	.01280	.25254	.36287
#1	.09695	.09582	.05822	.05212	.60407	234.47	.50751	.49667
#2	.09344	.09889	.05795	.05178	.60531	234.51	.50933	.49412

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94837	245.01	.52051	.47013	.50161	94.628	.50480	256.48
Stddev	.00100	.14	.00105	.00016	.00013	.003	.00273	.10
%RSD	.10523	.05902	.20149	.03394	.02661	.00368	.54163	.03956
#1	.94908	245.11	.51977	.47025	.50151	94.630	.50673	256.55
#2	.94766	244.91	.52125	.47002	.50170	94.625	.50286	256.41

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97592	.20374	.82284	.48172	.97027	-.04860	-.00014	-.00545
Stddev	.00183	.00094	.00506	.00105	.00085	.01755	.00029	.00046
%RSD	.18726	.46189	.61501	.21735	.08752	36.115	201.99	8.3962
#1	.97462	.20441	.82641	.48246	.97087	-.03619	-.00034	-.00513
#2	.97721	.20308	.81926	.48098	.96966	-.06101	.00006	-.00578

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07430	-.03079	-.00018	-.00649	F.0076
Stddev	.00030	.01189	.00050	.00195	.0016
%RSD	.40671	38.635	272.73	30.039	21.40
#1	.07451	-.02238	.00017	-.00786	.0087
#2	.07408	-.03920	-.00053	-.00511	.0064

Sample Name: CCV Acquired: 10/16/2008 13:18:12 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCV Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1072	5.1566	5.1338	5.1367	5.0949	9.9354	10.077	.25603	2.5885
Stddev	.0082	.0001	.0005	.0031	.0009	.0280	.002	.00007	.0020
%RSD	.16035	.00144	.00947	.05994	.01752	.28205	.02353	.02823	.07803
#1	5.1130	5.1566	5.1342	5.1389	5.0942	9.9553	10.079	.25608	2.5899
#2	5.1014	5.1565	5.1335	5.1345	5.0955	9.9156	10.076	.25598	2.5871

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.018	1.0260	2.5678	1.2872	4.9958	2.5137	24.387	2.5834	1.2706
Stddev	.046	.0047	.0044	.0026	.0344	.0003	.006	.0041	.0008
%RSD	.18359	.46032	.17307	.19851	.68887	.01212	.02333	.15804	.06664
#1	24.985	1.0294	2.5709	1.2890	4.9715	2.5135	24.383	2.5863	1.2712
#2	25.050	1.0227	2.5646	1.2854	5.0202	2.5140	24.391	2.5805	1.2700

Elem	Na5895	V_2924	Zn2062	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.549	2.5307	2.5953	24.350	5.1283	5.0277	5.0126	4.8015	5.1513
Stddev	.052	.0048	.0026	.010	.0008	.0145	.0020	.0944	.0021
%RSD	.21132	.18888	.10064	.04052	.01470	.28798	.03922	1.9657	.04115
#1	24.586	2.5340	2.5972	24.343	5.1278	5.0380	5.0112	4.8682	5.1528
#2	24.513	2.5273	2.5935	24.357	5.1288	5.0175	5.0140	4.7348	5.1499

Elem	Ti3361	Li6707
Units	ppm	ppm
Avg	4.9950	4.881
Stddev	.0036	.007
%RSD	.07106	.1545
#1	4.9925	4.887
#2	4.9975	4.876

Sample Name: CCB Acquired: 10/16/2008 13:20:03 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	As1937	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	.00016	.00171	-.00068	.00120	.00780	.00015
Stddev	.00171	.00015	.00022	.00024	.00101	.00004	.00009
%RSD	632.20	95.273	12.743	35.964	83.825	.47813	61.039
#1	-.00148	.00027	.00186	-.00051	.00049	.00783	.00009
#2	.00094	.00005	.00155	-.00085	.00191	.00777	.00022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00002	-.01199	.00012	-.00008	-.00019	-.00286
Stddev	.00003	.00000	.00696	.00030	.00002	.00009	.00172
%RSD	203.69	15.337	58.089	244.34	22.194	48.445	60.008
#1	.00001	.00002	-.00706	.00033	-.00009	-.00026	-.00408
#2	-.00003	.00002	-.01691	-.00009	-.00007	-.00013	-.00165

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	.01500	-.00016	.00001	.00656	.00000	.00007
Stddev	.00013	.02483	.00054	.00017	.00255	.00010	.00002
%RSD	25.774	165.54	341.76	1810.2	38.865	2410.5	34.628
#1	-.00061	.03256	-.00054	-.00011	.00836	-.00007	.00009
#2	-.00042	-.00256	.00022	.00013	.00476	.00008	.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01559	.00100	.01951	-.00097	F-.01357	.00041	.00035
Stddev	.01880	.00063	.00072	.00101	.02162	.00023	.00020
%RSD	120.60	62.971	3.6910	104.17	159.35	54.726	58.519
#1	.00229	.00145	.02001	-.00026	-.02885	.00025	.00020
#2	.02888	.00056	.01900	-.00169	.00172	.00057	.00049

Sample Name: CCB Acquired: 10/16/2008 13:20:03 Type: Unk
Method: -ILM05.4-(v45) Mode: CONC Corr. Factor: 1.000000
User: admin CLIENT ID: CCB Custom ID2: Custom ID3:
Comment:

Elem	Li6707
Units	ppm
Avg	.0026
Stddev	.0006
%RSD	22.63
#1	.0022
#2	.0030

WinHg Database 1.4

File Utility Help

RN⇩ RN⇧ ?

Protocol chemtech

Dataset/Proto LB40915 /chemtech

Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset

Calib Coeffs

New Cal

Update Coeffs

Spike Coeffs

A

B 1.03515e-5

C 8.88793e-3

Rho .999669

Type Linear

☑ Calibrated

☑ Accepted

Accept

Rel. Abs. 954481

Accepted

New

Include S1 Rep 1☑ 2☐ 3☐ 4☐ 5☐

Conc 10.0

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	.128	-.128	-.13208	.1	-.13207		
02	.20000	.209	.009	.19339	0%	.19339		
03	2.5000	2.56	.061	246582	0%	246582		
04	5.0000	5.15	.145	496174	0%	496173		
05	7.5000	7.52	.023	725916	0%	725915		
06	10.000	9.89	-.111	954481	0%	954481		

Ready CAP NUM

Instrument ID: CV, LB 40915 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1 50 Seq: 1 11:54:38 16 Oct 08 HG

Hg .000 ppb -13207

*** Standard: 2 Rep: 1 50.2 Seq: 2 11:56:37 16 Oct 08 HG

Hg .200 ppb 19339

*** Standard: 3 Rep: 1 52.5 Seq: 3 11:59:08 16 Oct 08 HG

Hg 2.50 ppb 246582

*** Standard: 4 Rep: 1 55.0 Seq: 4 12:01:08 16 Oct 08 HG

Hg 5.00 ppb 496173

*** Standard: 5 Rep: 1 57.5 Seq: 5 12:03:40 16 Oct 08 HG

Hg 7.50 ppb 725915

*** Standard: 6 Rep: 1 510.0 Seq: 6 12:06:21 16 Oct 08 HG

Hg 10.0 ppb 954481

10/16/08 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: ICV Seq: 7 12:10:54 16 Oct 08 HG
ICV
Hg 4.10 ppb .000 4.10

*** Sample ID: ICB Seq: 8 12:12:54 16 Oct 08 HG
ICB
Hg -.006 ppb .000 -.006

*** Sample ID: CRI Seq: 9 12:14:52 16 Oct 08 HG
CRI
Hg .242 ppb .000 .242

*** Sample ID: CCV Seq: 10 12:16:52 16 Oct 08 HG
CCV
Hg 5.02 ppb .000 5.02

*** Sample ID: CCB Seq: 11 12:19:10 16 Oct 08 HG
CCB
Hg -.020 ppb .000 -.020

*** Sample ID: PB37231BL Seq: 12 12:21:19 16 Oct 08 HG
PBS
Hg -.013 ppb .000 -.013

*** Sample ID: PB37231BS Seq: 13 12:23:18 16 Oct 08 HG
LCSS
Hg 7.50 ppb .000 7.50

*** Sample ID: Z4923-01 Seq: 14 12:25:39 16 Oct 08 HG
AOC4-1A[0.0-0.5]
Hg .096 ppb .000 .096

*** Sample ID: Z4923-02 Seq: 15 12:28:30 16 Oct 08 HG
AOC4-1B[4.5-5.0]
Hg 1.47 ppb .000 1.47

*** Sample ID: Z4923-03 Seq: 16 12:31:03 16 Oct 08 HG
AOC4-2A[0.0-0.5]
Hg .629 ppb .000 .629

*** Sample ID: Z4923-04 Seq: 17 12:33:03 16 Oct 08 HG
AOC4-2B[4.5-5.0]
Hg .023 ppb .000 .023

*** Sample ID: Z4923-05 Seq: 18 12:35:03 16 Oct 08 HG
AOC4-3A[0.0-0.5]
Hg .165 ppb .000 .165

10/16/08 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Z4923-06 Seq: 19 12:37:01 16 Oct 08 HG
AOC4-3B[4.5-5.0]
Hg .055 ppb .000 .055

*** Sample ID: CCV Seq: 20 12:39:14 16 Oct 08 HG
CCV
Hg 5.11 ppb .000 5.11

*** Sample ID: CCB Seq: 21 12:41:13 16 Oct 08 HG
CCB
Hg -.049 ppb .000 -.049

*** Sample ID: Z4923-07 Seq: 22 12:43:13 16 Oct 08 HG
AOC3-2A[0.0-0.5]
Hg .055 ppb .000 .055

*** Sample ID: Z4923-08 Seq: 23 12:45:21 16 Oct 08 HG
AOC3-2B[4.0-4.5]
Hg -.032 ppb .000 -.032

*** Sample ID: Z4920-03 Seq: 24 12:47:23 16 Oct 08 HG
AOC2-1
Hg .081 ppb .000 .081

*** Sample ID: Z4920-04 Seq: 25 12:49:33 16 Oct 08 HG
AOC2-2
Hg .148 ppb .000 .148

*** Sample ID: Z4920-05 Seq: 26 12:51:54 16 Oct 08 HG
AOC2-3
Hg .125 ppb .000 .125

*** Sample ID: Z4920-06 Seq: 27 12:53:55 16 Oct 08 HG
AOC5-1
Hg 2.90 ppb .000 2.90

*** Sample ID: Z4920-07 Seq: 28 12:55:56 16 Oct 08 HG
AOC5-2
Hg .012 ppb .000 .012

*** Sample ID: Z4920-08 Seq: 29 12:58:06 16 Oct 08 HG
AOC5-3
Hg 1.33 ppb .000 1.33

*** Sample ID: CRI Seq: 30 13:00:08 16 Oct 08 HG
CRI
Hg .207 ppb .000 .207

10/16/08 A.P.

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: CCV Seq: 31 13:02:27 16 Oct 08 HG
CCV
Hg 5.13 ppb .000 5.13

*** Sample ID: CCB Seq: 32 13:04:26 16 Oct 08 HG
CCB
Hg -.009 ppb .000 -.009

A-P. 10/16/08

*** Sample ID: ~~Z4920-09S~~ 222222 Seq: 33 13:07:20 16 Oct 08 HG
~~Z4920-08MS~~ 222222
Hg 2.98 ppb .000 2.98

*** Sample ID: Z4920-10D Seq: 34 13:09:59 16 Oct 08 HG
Z4920-08MSD
Hg 1.01 ppb .000 1.01

*** Sample ID: Z4920-11 Seq: 35 13:12:01 16 Oct 08 HG
DUP
Hg 2.11 ppb .000 2.11

*** Sample ID: Z4920-12 Seq: 36 13:14:23 16 Oct 08 HG
AOC3-1A
Hg .008 ppb .000 .008

*** Sample ID: Z4920-13 Seq: 37 13:16:27 16 Oct 08 HG
AOC3-1B
Hg .019 ppb .000 .019

32 A-P. 10/16/08

*** Sample ID: PB37~~231~~BL Seq: 38 13:18:51 16 Oct 08 HG
PBS
Hg .015 ppb .000 .015

32 A-P. 10/16/08

*** Sample ID: PB37~~231~~BS Seq: 39 13:21:42 16 Oct 08 HG
LCSS
Hg 7.60 ppb .000 7.60

*** Sample ID: Z4923-09 Seq: 40 13:23:54 16 Oct 08 HG
AOC3-3A[0.0-0.5]
Hg .082 ppb .000 .082

*** Sample ID: CCV Seq: 41 13:25:58 16 Oct 08 HG
CCV
Hg 5.01 ppb .000 5.01

*** Sample ID: CCB Seq: 42 13:28:43 16 Oct 08 HG
CCB
Hg .028 ppb .000 .028

10/16/08 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Z4923-10 Seq: 43 13:31:03 16 Oct 08 HG
AOC3-3B[4.0-4.5]
Hg -.021 ppb .000 -.021

*** Sample ID: Z4923-11 Seq: 44 13:33:11 16 Oct 08 HG
BACK1A
Hg .362 ppb .000 .362

*** Sample ID: Z4923-12 Seq: 45 13:35:13 16 Oct 08 HG
BACK1B
Hg -.025 ppb .000 -.025

*** Sample ID: Z4923-13 Seq: 46 13:37:38 16 Oct 08 HG
BACK2A
Hg .064 ppb .000 .064

*** Sample ID: Z4923-14 Seq: 47 13:39:37 16 Oct 08 HG
BACK2B
Hg .017 ppb .000 .017

*** Sample ID: Z4923-15 Seq: 48 13:41:38 16 Oct 08 HG
BACK3A
Hg .040 ppb .000 .040

*** Sample ID: Z4923-16 Seq: 49 13:44:10 16 Oct 08 HG
BACK3B
Hg .039 ppb .000 .039

*** Sample ID: Z4932-04 Seq: 50 13:46:25 16 Oct 08 HG
DUP
Hg .096 ppb .000 .096

*** Sample ID: CRI Seq: 51 13:48:45 16 Oct 08 HG
CRI
Hg .262 ppb .000 .262

*** Sample ID: CCV Seq: 52 13:50:46 16 Oct 08 HG
CCV
Hg 5.42 ppb .000 5.42

*** Sample ID: CCB Seq: 53 13:52:46 16 Oct 08 HG
CCB
Hg -.050 ppb .000 -.050

*** Sample ID: Z4932-05 Seq: 54 13:55:07 16 Oct 08 HG
SED1
Hg .121 ppb .000 .121

10/16/08 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Z4932-06S Seq: 55 13:57:12 16 Oct 08 HG
Z4932-05MS
Hg 1.10 ppb .000 1.10

*** Sample ID: Z4932-07D Seq: 56 13:59:36 16 Oct 08 HG
Z4932-05MSD
Hg .096 ppb .000 .096

*** Sample ID: Z4932-08 Seq: 57 14:01:39 16 Oct 08 HG
SED2
Hg .217 ppb .000 .217

*** Sample ID: Z4932-09 Seq: 58 14:03:50 16 Oct 08 HG
SED3
Hg .153 ppb .000 .153

*** Sample ID: Z4932-10 Seq: 59 14:05:53 16 Oct 08 HG
SED4
Hg .021 ppb .000 .021

*** Sample ID: Z4932-11 Seq: 60 14:07:54 16 Oct 08 HG
SED5
Hg .010 ppb .000 .010

*** Sample ID: Z4932-12 Seq: 61 14:09:57 16 Oct 08 HG
SED6
Hg .030 ppb .000 .030

*** Sample ID: CCV Seq: 62 14:12:07 16 Oct 08 HG
CCV
Hg 5.50 ppb .000 5.50

*** Sample ID: CCB Seq: 63 14:14:46 16 Oct 08 HG
CCB
Hg -.011 ppb .000 -.011

*** Sample ID: Z4932-13 Seq: 64 14:17:17 16 Oct 08 HG
SED7
Hg .045 ppb .000 .045

*** Sample ID: Z4932-14 Seq: 65 14:19:18 16 Oct 08 HG
SED8
Hg .138 ppb .000 .138

*** Sample ID: Z4920-09S Seq: 66 14:21:38 16 Oct 08 HG
Z4920-08MS
Hg 2.54 ppb .000 2.54

10/16/08 A-R

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: CRI Seq: 67 14:26:29 16 Oct 08 HG
CRI
Hg .262 ppb .000 .262

*** Sample ID: CCV Seq: 68 14:28:33 16 Oct 08 HG
CCV
Hg 5.45 ppb .000 5.45

*** Sample ID: CCB Seq: 69 14:34:04 16 Oct 08 HG
CCB
Hg .010 ppb .000 .010

10/16/08 A.P.

WinHg Database 1.4

File Utility Help

RN RN

Protocol chemtech

Dataset/Proto LB40928 /chemtech

Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset

Calib Coeffs

New Cal

Update Coeffs

Spike Coeffs

A

B 1.03757e-5

C -2.41794e-2

Rho .999965

Type Linear

Calibrated

Accepted

Accept

Rel. Abs. 965015

Accepted

New

Include S1 Rep 1 2 3 4 5

Conc. 10.0

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.018	.018	560	0	560		
02	.20000	.177	-.023	19383	0%	19382		
03	2.5000	2.53	.030	246126	0%	246126		
04	5.0000	5.05	.054	489452	0%	489452		
05	7.5000	7.47	-.031	722210	0%	722210		
06	10.000	9.99	-.012	965015	0%	965015		

Ready CAP NUM

Instrument ID: CV1 LB 40928 A.P.

MERCURY RAW DATA Folder: LB40928 Page 1
15:59:26 16 Oct 2008 Protocol: chemtech

Line Conc. Units SD/RSD 1 2 3 4 5

*** Standard: 1 Rep: 1 S0 Seq: 1 15:59:26 16 Oct 08 HG

Hg .000 ppb 560

*** Standard: 2 Rep: 1 S0.2 Seq: 2 16:01:36 16 Oct 08 HG

Hg .200 ppb 19382

*** Standard: 3 Rep: 1 S2.5 Seq: 3 16:03:36 16 Oct 08 HG

Hg 2.50 ppb 246126

*** Standard: 4 Rep: 1 S5.0 Seq: 4 16:06:15 16 Oct 08 HG

Hg 5.00 ppb 489452

*** Standard: 5 Rep: 1 S7.5 Seq: 5 16:08:19 16 Oct 08 HG

Hg 7.50 ppb 722210

*** Standard: 6 Rep: 1 S10.0 Seq: 6 16:10:22 16 Oct 08 HG

Hg 10.0 ppb 965015

10/16/08 AF

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: ICV Seq: 7 16:15:04 16 Oct 08 HG
ICV
Hg 4.02 ppb .000 4.02

*** Sample ID: ICB Seq: 8 16:17:13 16 Oct 08 HG
ICB
Hg -.037 ppb .000 -.037

*** Sample ID: CRI Seq: 9 16:19:24 16 Oct 08 HG
CRI
Hg .160 ppb .000 .160

*** Sample ID: CCV Seq: 10 16:21:33 16 Oct 08 HG
CCV
Hg 4.99 ppb .000 4.99

*** Sample ID: CCB Seq: 11 16:24:34 16 Oct 08 HG
CCB
Hg -.029 ppb .000 -.029

*** Sample ID: PB37319BL Seq: 12 16:26:43 16 Oct 08 HG
PBW
Hg -.025 ppb .000 -.025

*** Sample ID: ~~PB37319BS~~ 222222 Seq: 13 16:29:34 16 Oct 08 HG
LCSW
Hg 1.21 ppb .000 1.21

*** Sample ID: Z4932-02 Seq: 14 16:33:06 16 Oct 08 HG
FIELDBLANK
Hg -.032 ppb .000 -.032

*** Sample ID: Z4932-03 Seq: 15 16:35:05 16 Oct 08 HG
RINSATEBLANK
Hg -.030 ppb .000 -.030

*** Sample ID: Z4938-02 Seq: 16 16:37:05 16 Oct 08 HG
TLD-MW-1D
Hg -.027 ppb .000 -.027

*** Sample ID: Z4938-03 Seq: 17 16:39:09 16 Oct 08 HG
TLD-MW-2D
Hg -.017 ppb .000 -.017

*** Sample ID: Z4938-04 Seq: 18 16:42:03 16 Oct 08 HG
TLD-MW-5D
Hg -.026 ppb .000 -.026

10/16/08 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Z4938-05 Seq: 19 16:44:06 16 Oct 08 HG
TLD-MW-5S
Hg -.038 ppb .000 -.038

*** Sample ID: CCV Seq: 20 16:46:50 16 Oct 08 HG
CCV
Hg 5.03 ppb .000 5.03

*** Sample ID: CCB Seq: 21 16:49:04 16 Oct 08 HG
CCB
Hg -.056 ppb .000 -.056

*** Sample ID: Z4938-06 Seq: 22 16:51:04 16 Oct 08 HG
TLD-MW-4D
Hg -.045 ppb .000 -.045

*** Sample ID: Z4938-07 Seq: 23 16:53:22 16 Oct 08 HG
TLD-MW-4S
Hg -.040 ppb .000 -.040

*** Sample ID: Z4938-08 Seq: 24 16:55:34 16 Oct 08 HG
TLD-MW-1S
Hg -.037 ppb .000 -.037

*** Sample ID: Z4938-09 Seq: 25 16:58:06 16 Oct 08 HG
TLD-MW-GW5
Hg -.048 ppb .000 -.048

*** Sample ID: Z4938-10 Seq: 26 17:00:31 16 Oct 08 HG
TLD-MW-GW3
Hg -.024 ppb .000 -.024

*** Sample ID: Z4938-11 Seq: 27 17:02:40 16 Oct 08 HG
TLD-MW-GB20
Hg .023 ppb .000 .023

*** Sample ID: Z4938-12 Seq: 28 17:05:21 16 Oct 08 HG
TLD-MW-GW-4
Hg -.031 ppb .000 -.031

*** Sample ID: Z4963-02 Seq: 29 17:07:43 16 Oct 08 HG
TLD-MW-FB
Hg -.035 ppb .000 -.035

*** Sample ID: CRI Seq: 30 17:10:13 16 Oct 08 HG
CRI
Hg .224 ppb .000 .224

10/16/08 A.P.

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: CCV Seq: 31 17:12:34 16 Oct 08 HG
CCV
Hg 5.00 ppb .000 5.00

*** Sample ID: CCB Seq: 32 17:14:45 16 Oct 08 HG
CCB
Hg -.069 ppb .000 -.069

*** Sample ID: Z4963-03 Seq: 33 17:16:45 16 Oct 08 HG
TLD-MW-GB22
Hg -.008 ppb .000 -.008

*** Sample ID: Z4963-04 Seq: 34 17:19:20 16 Oct 08 HG
TLD-MW-6S
Hg -.016 ppb .000 -.016

*** Sample ID: Z4963-05 Seq: 35 17:21:49 16 Oct 08 HG
TLD-MW-GW10
Hg -.039 ppb .000 -.039

*** Sample ID: Z4963-06S Seq: 36 17:23:50 16 Oct 08 HG
Z4963-04MS
Hg 1.03 ppb .000 1.03

*** Sample ID: Z4963-07D Seq: 37 17:26:05 16 Oct 08 HG
Z4963-04MSD
Hg -.026 ppb .000 -.026

*** Sample ID: PB37320BL Seq: 38 17:28:14 16 Oct 08 HG
PBS
Hg .008 ppb .000 .008

*** Sample ID: PB37320BS Seq: 39 17:30:38 16 Oct 08 HG
LCSS
Hg .950 ppb .000 .950

*** Sample ID: Z4923-17 Seq: 40 17:32:39 16 Oct 08 HG
FB
Hg -.046 ppb .000 -.046

*** Sample ID: CCV Seq: 41 17:34:53 16 Oct 08 HG
CCV
Hg 5.00 ppb .000 5.00

*** Sample ID: CCB Seq: 42 17:36:57 16 Oct 08 HG
CCB
Hg -.076 ppb .000 -.076

10/16/08 A.L.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Z4923-18 Seq: 43 17:39:08 16 Oct 08 HG
FB
Hg -.029 ppb .000 -.029

*** Sample ID: Z4923-19 Seq: 44 17:42:01 16 Oct 08 HG
RB
Hg -.041 ppb .000 -.041

*** Sample ID: Z4920-01 Seq: 45 17:44:35 16 Oct 08 HG
ZZZZZZ
Hg -.029 ppb .000 -.029

PB37319BS

*** Sample ID: ~~Z4920-01B~~ Seq: 46 17:47:56 16 Oct 08 HG
ZZZZZZ
LCSW
Hg .969 ppb .000 .969

*** Sample ID: ~~Z4920-01D~~ Seq: 47 17:50:17 16 Oct 08 HG
ZZZZZZ
Hg -.054 ppb .000 -.054

10/16/08 A.P.

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: CRI Seq: 48 17:52:28 16 Oct 08 HG
CRI
Hg .204 ppb .000 .204

*** Sample ID: CCV Seq: 49 17:56:08 16 Oct 08 HG
CCV
Hg 5.70 ppb .000 5.70

*** Sample ID: CCB Seq: 50 17:59:18 16 Oct 08 HG
CCB
Hg -.046 ppb .000 -.046

10/16/08 A.f.

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

Order ID:	Z4932	**Order Date:**	10/10/2008
Client :	Dewberry	**Project:**	Connecticut Superfund Site
Contact :	Corey Nachshen	**Location :**	I13

Lab ID	Client ID	Matrix	Test	Method	Sample Date	PrepDate	AnalDate	Received
Z4932-02	**FIELDBLANK**	**WATER**			**10/09/08**			**10/10/08**
			Mercury	ILM05.3		10/16/08	10/16/08	
			Metals ICP-TAL	ILM05.3		10/14/08	10/16/08	
Z4932-03	**RINSATEBLANK**	**WATER**			**10/09/08**			**10/10/08**
			Mercury	ILM05.3		10/16/08	10/16/08	
			Metals ICP-TAL	ILM05.3		10/14/08	10/16/08	
Z4932-04	**DUP**	**SOIL**			**10/09/08**			**10/10/08**
			Mercury	ILM05.4		10/14/08	10/16/08	
			Metals ICP-TAL	ILM05.4		10/14/08	10/16/08	
Z4932-05	**SED1**	**SOIL**			**10/09/08**			**10/10/08**
			Mercury	ILM05.4		10/14/08	10/16/08	
			Metals ICP-TAL	ILM05.4		10/14/08	10/16/08	
Z4932-08	**SED2**	**SOIL**			**10/09/08**			**10/10/08**
			Mercury	ILM05.4		10/14/08	10/16/08	
			Metals ICP-TAL	ILM05.4		10/14/08	10/16/08	
Z4932-09	**SED3**	**SOIL**			**10/09/08**			**10/10/08**
			Mercury	ILM05.4		10/14/08	10/16/08	
			Metals ICP-TAL	ILM05.4		10/14/08	10/16/08	
Z4932-10	**SED4**	**SOIL**			**10/09/08**			**10/10/08**
			Mercury	ILM05.4		10/14/08	10/16/08	
			Metals ICP-TAL	ILM05.4		10/14/08	10/16/08	

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LAB CHRONICLE

Z4932-11	**SED5**	**SOIL**			**10/09/08**			**10/10/08**
			Mercury	ILM05.4		10/14/08	10/16/08	
			Metals ICP-TAL	ILM05.4		10/14/08	10/16/08	
Z4932-12	**SED6**	**SOIL**			**10/09/08**			**10/10/08**
			Mercury	ILM05.4		10/14/08	10/16/08	
			Metals ICP-TAL	ILM05.4		10/14/08	10/16/08	
Z4932-13	**SED7**	**SOIL**			**10/09/08**			**10/10/08**
			Mercury	ILM05.4		10/14/08	10/16/08	
			Metals ICP-TAL	ILM05.4		10/14/08	10/16/08	
Z4932-14	**SED8**	**SOIL**			**10/09/08**			**10/10/08**
			Mercury	ILM05.4		10/14/08	10/16/08	
			Metals ICP-TAL	ILM05.4		10/14/08	10/16/08	

CHEMTECH 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

METALS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: z4932 MATRIX: Water/soil

METHOD: ILM05.3

		NA	NO	YES
1.	Calibration Summary met criteria.			✓
2.	ICP Interference Check Sample Results Summary Submitted.			✓
3.	Serial Dilution Summary (if applicable) Submitted.			✓
4.	Laboratory Control Sample Summary (if applicable) Submitted.			✓
5.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Met Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The Matrix Spike analysis met criteria for all samples except for Barium and Silver. The Matrix Spike Duplicate analysis met criteria for all samples.		✓	
7.	Sample Duplicate Analysis Met QC Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓
8.	Digestion Holding Time Met If not met, list number of days exceeded for each sample:			✓
9.	Analysis Holding Time Met If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓

Kalpana Raythattha
I have reviewed this document
2008.11.04 11:37:38 -05'00'

QA I

ICMOS.4

CHEMTECH

Prep code HW1

Water Sample Preparation Sheet

24932

PrepBatch ID :	PB37216	Batch#	PB37216
SDG No :		ICP Digest Date:	10/14/08
Matrix :	water	Sample Received By :	D.M.
Method :	ILMO5.4	Analyst Signature:	[signature]
Initial Volume :	50 ML	Supervisor Signature:	[signature]
Final Volume :	50 ML	Prep Code:	~~CW1~~ HW1
Hot Plate Temp :	(1.) 95°C 2. 3.		10/14/08 AP

Standared Name	MLS USED	STD REF. # FROM LOG
Spike Sol 4	5.0 ML	MM1566
	10/14/08 AP	

Chemical Used	Lot Number
1:1 HNO3	MI12369
1:1 HCL	MI12365
	10/14/08 AP

Date / Time	Received By	Relinquished By	Location
10/14/08 1:30	D.M.	[signature]	ICP lab
	Analysis Group	Extraction Group	
	DR, JS	AP, AV, BP, HP, IG, JA, JM, ~~JR, KR, MGS, MS, NP, RP~~	

CHEMTECH **Water Sample Preparation Sheet** **PrepBatch ID : PB37216**

Lab Sample ID	Customer Sample Number	Color Before	Color After	Clarity Before	Clarity After	PH	Comments
pb37216BL	~~PB37216BL~~ PBW	C	C	CL	CL	<2	10/14/08 AP
pb37216BS	~~PB37216BS~~ LCSW	C	C	CL	CL	<2	SPK-501.4
Z4932-02	FIELDBLANK	C	C	CL	CL	<2	2
Z4932-03	RINSATEBLANK	C	C	CL	CL	<2	10/14/08 AP

10/14/08 AP

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black
* CLARITY: CL=Clear CD=Cloudy O=Opaque

ILM05.4

CHEMTECH

Prepcode HW1

Water Sample Preparation Sheet

24932

PrepBatch ID :	PB37216	Batch#	PB37216
SDG No :		ICP Digest Date:	10/14/08
Matrix :	Water	Sample Received By :	D.M
Method :	ILM05.4	Analyst Signature:	
Initial Volume :	50 ML	Supervisor Signature:	D.M
Final Volume :	50 ML	Prep Code:	~~CW1~~ HW1
Hot Plate Temp :	1. 95°C 2. 3.		10/14/08 AP

Standared Name	MLS USED	STD REF. # FROM LOG
Spike Sol 4	5.0ML	MM1566
	10/14/08 AP	

Chemical Used	Lot Number
1:1 HNO3	MI12369
1:1 HCL	MI12365
10/14/08 AP	

Date / Time	Received By	Relinquished By	Location
10/14/08 1.30	D.M	[illegible]	ICP lab
	Analysis Group	Extraction Group	
	DR, JS	AP, AV, BP, HP, IG, JA, JM, ~~JR, KR, MGS, MS, NP, RP~~	

CHEMTECH **Water Sample Preparation Sheet** **PrepBatch ID : PB37216**

Lab Sample ID	Customer Sample Number	Color Before	Color After	Clarity Before	Clarity After	PH	Comments
PB37216BL	~~PB37216BL~~ PBW	Colorless	Colorless	Clear	Clear	<2	– 10/14/08 AP
PB37216BS	~~PB37216BS~~ LCSW	Colorless	Colorless	Clear	Clear	<2	Spk. Sol. 4
Z4932-02	FIELDBLANK	Colorless	Colorless	Clear	Clear	<2	
Z4932-03	RINSATEBLANK	Colorless	Colorless	Clear	Clear	<2	10/14/08 AP

10/14/08 AP

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black
* CLARITY: CL=Clear CD=Cloudy O=Opaque

ILMO5.4

CHEMTECH

Prepcodefcs1

Soil/Sludge Preparation Sheet

24932

PrepBatch ID :	PB37217	Batch#	PB37217
SDG No :		ICP Digest Date:	10/14/08
Matrix :	Soil	Sample Received By :	D.M.
Final Volume :	100 ML	Acceptance Range: +/- 1%	
Balance Calibration Check(1.00):	1.00 G	Analyst Signature:	
Method :	ILMO5.4	Supervisor Signature:	
Hot Plate Temp :	(1) 95°C 2. 3.	Prep Code:	~~CR1~~ fcs1 10/14/08 AP

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.0 g.	MM1448
Spike Sol 6	2.0 ML	MI12078
	10/14/08 AP	

Chemical Used	Lot Number
CONC: HNO3	MR1784
1:1 HNO3	MI12369
1:1 HCL	MI12365
30% H2O2	MR1446
	10/14/08 AP

Date / Time	Received By	Relinguished By	Location
10/14/08 1.00	DM		ICP-lab
	Analysis Group	Extraction Group	
	DR, JS	AP, AV, BP, HP, IG, JA, JM, JR, KR, MGS, MS, NP, RP	

CHEMTECH Soil/Sludge Sample Preparation Worksheet PrepBatch ID : **PB37217**

Lab Sample ID	Client Sample ID	Weight	Color Before	Color After	Texture	Artifact	Comments
pb37217BL	~~PB37217BL~~ PBS	1.00	C	C	F		-10/14/08 AP
pb37217BS	~~PB37217BS~~ LCSS	1.00	BR	Y	F		MM1448
Z4932-04	DUP	1.00	BR	Y	M		
Z4932-05	SED1	1.00	BR	Y	M		10/14/08 AP
Z4932-06	Z4932-05MS	1.00	BR	Y	M		Spk.Sol.6
Z4932-07	Z4932-05MSD	1.00	BR	Y	M		
Z4932-08	SED2	1.00	BR	Y	M		
Z4932-09	SED3	1.01	BR	Y	M		
Z4932-10	SED4	1.02	BR	Y	M		
Z4932-11	SED5	1.00	BR	Y	M		
Z4932-12	SED6	1.00	BR	Y	M		
Z4932-13	SED7	1.01	BR	Y	M		
Z4932-14	SED8	1.00	BR	Y	M		10/14/08 AP

10/14/08 AP

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black
* CLARITY: CL=Clear CD=Cloudy O=Opaque
* TEXTURE: F=Fine M=Medium C=Coarse
* ARTIFACT: Y=Yes N=No

ILM05.4

CHEMTECH

Prepcode FES1

Soil/Sludge Preparation Sheet

24932

PrepBatch ID :	PB37217	Batch#	PB37217
SDG No :		ICP Digest Date:	10/14/08
Matrix :	Soil	Sample Received By :	[illegible]
Final Volume :	100 ML	Acceptance Range: +/- 1%	
Balance Calibration Check(1.00):	1.00 G	Analyst Signature:	[illegible]
Method :	ILM05.4	Supervisor Signature:	[illegible]
Hot Plate Temp :	(1.) 95°C 2. 3.	Prep Code:	~~CR1~~ FES1 10/14/08 AP

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.0G	MM1448
Spike Sol 6	2.0ML	MI12078
	10/14/08 AP	

Chemical Used	Lot Number
CONC: HNO3	MR1784
1:1 HNO3	MI12369
1:1 HCL	MI12365
30% H2O2	MR1446
	10/14/08 AP

Date / Time	Received By	Relinguished By	Location
10/14/08 1.00	[illegible]	[illegible]	ICP-lab
	Analysis Group	Extraction Group	
	DR, JS	AP, AV, BP, HP, IG, JA, JM, JR, KR, MGS, MS, NP, RP	

CHEMTECH Soil/Sludge Sample Preparation Worksheet PrepBatch ID : **PB37217**

10/14/08 MP

Lab Sample ID	Client Sample ID	Weight	Color Before	Color After	Texture	Artifact	Comments
pb37217BL	~~PB37217BL~~ PBS	1.00	Colorless	Colorless	Fine		-10/14/08 MP
pb37217BS	~~PB37217BS~~ LCSS	1.00	Brown	Yellow	Fine		~~SPIKE SOL~~ MM1448 10/14/08 MP
Z4932-04	DUP	1.00	Brown	Yellow	Medium		
Z4932-05	SED1	1.00	Brown	Yellow	Medium		-10/14/08 MP
Z4932-06	Z4932-05MS	1.00	Brown	Yellow	Medium		S/OK Vol. 6
Z4932-07	Z4932-05MSD	1.00	Brown	Yellow	Medium		
Z4932-08	SED2	1.00	Brown	Yellow	Medium		
Z4932-09	SED3	1.01	Brown	Yellow	Medium		
Z4932-10	SED4	1.02	Brown	Yellow	Medium		
Z4932-11	SED5	1.00	Brown	Yellow	Medium		
Z4932-12	SED6	1.00	Brown	Yellow	Medium		
Z4932-13	SED7	1.01	Brown	Yellow	Medium		
Z4932-14	SED8	1.00	Brown	Yellow	Medium		10/14/08 MP

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black
* CLARITY: CL=Clear CD=Cloudy O=Opaque
* TEXTURE: F=Fine M=Medium C=Coarse
* ARTIFACT: Y=Yes N=No

CHEMTECH **MERCURY PREPARATION WORKSHEET**

SOP: M7 Lm05.4 Revision:

Bath Temprature: 95°C

Block Temprature: —

Balance Check: (0.2G): 0.29m

Date: 10/14/2008 12:00:00

Acceptance Range 0. 199-0.201 gram

Final Volume: 100ml

Batch #: PB37232

Digestion Time: In: 11:30 Out: 12:00

Supervisor Signature: D. Mu

Analyst Signature: A.J. Patel

Sample Received By: A.J. Patel

STANDARD NAME	MLS USED	STD REF. # FROM LOG
ICV	100mL	S18048
CCV	100mL	S18050
CRI	100mL	S18047
Blank Spike	1.0mL	S18045

A.P. 10/16/08

CHEMICAL USED	MLS USED
HNO3/H2SO4 1:2	MI12525
KMN04	MI12523
K2S2O8	MI12524
Hydroxylamine HCL	MI12526

A.P. 10/16/08

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	A.P. 10/16/08 ~~Wt(g)/~~Vol(ml)	COMMENTS
BLK 0.0 ppb	S0	Water	100ml	S18047
Std1 0.2 ppb	S0.2			
Std2 2.5 ppb	S2.5			
Std3 5.0 ppb	S5.0			
Std4 7.5 ppb	S7.5			
Std5 10.0 ppb	S10.0			
ICV	ICV			S18048
ICB	ICB			S18047
CCV	CCV			S18050
CCB	CCB			S18047
CRI	A.P. 10/18/08 ~~ERA~~ CRI			S18047
~~CHK STD~~	~~CHK STD~~			

A.P. 10/16/08

Date/Time	Received By	Relinguished By	Location
10/16/08	A.J. Patel	A.J. Patel	Mercury lab
	Analysis Group	**Extraction Group**	
	BF A.J. Patel	AP, AV, BP, HP, IG, JA, JM, JR, KR, MGS, MS, NP, RP	

CHEMTECH

MERCURY PREPARATION WORKSHEET

PB37232

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST	MATRIX	Wt(g)/Vol(ml)	PH	COMMENTS
PB37232BL	PBS	Mercury	Solid	0.20		
PB37232BS	LCSS	Mercury	Solid	0.20		MM1448
Z4923-09	AOC3-3A[0.0-0.5]	Mercury	Solid	0.20		
Z4923-10	AOC3-3B[4.0-4.5]	Mercury	Solid	0.20		
Z4923-11	BACK1A	Mercury	Solid	0.20		
Z4923-12	BACK1B	Mercury	Solid	0.20		
Z4923-13	BACK2A	Mercury	Solid	0.20		
Z4923-14	BACK2B	Mercury	Solid	0.20		
Z4923-15	BACK3A	Mercury	Solid	0.20		
Z4923-16	BACK3B	Mercury	Solid	0.20		
Z4932-04	DUP	Mercury	Solid	0.20		
Z4932-05	SED1	Mercury	Solid	0.20		
Z4932-06	Z4932-05MS	Mercury	Solid	0.21		518047
Z4932-07	Z4932-05MSD	Mercury	Solid	0.20		
Z4932-08	SED2	Mercury	Solid	0.20		
Z4932-09	SED3	Mercury	Solid	0.20		
Z4932-10	SED4	Mercury	Solid	0.22		
Z4932-11	SED5	Mercury	Solid	0.22		
Z4932-12	SED6	Mercury	Solid	0.22		
Z4932-13	SED7	Mercury	Solid	0.21		
Z4932-14	SED8	Mercury	Solid	0.20		

A.P.
10/16/08

*** BL=Blank * BS=Blank Spike * TB=TCLP Blank**

CHEMTECH **MERCURY PREPARATION WORKSHEET**

SOP: M IL-M05-4 Revision:

Bath Temprature: 95 °C

Block Temprature: —

Balance Check: (0.2G): —

Date: 10/16/2008 12:00:00

Acceptance Range 0. 199-0.201 gram

Final Volume: 100 ml

Batch #: PB37319

Digestion Time: In: 10:00 Out: 12:00

Supervisor Signature:

Analyst Signature: A. J. Patel

Sample Received By: A. J. Patel

STANDARD NAME	MLS USED	STD REF. # FROM LOG
ICV	100mL	S18048
CCV	100mL	S18050
CRI	100mL	S18047
Blank Spike	1.0mL	S18045

A.P. 01/16/08

CHEMICAL USED	MLS USED
HNO3/H2SO4 1:2	MI12525
KMN04	MI12523
K2S2O8	MI12524
Hydroxylamine HCL	MI12526

A.P. 10/16/08

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	Wt(g)/Vol(ml)	COMMENTS
BLK 0.0 ppb	S0	Water	100 ml	S18047
Std1 0.2 ppb	S0.2			
Std2 2.5 ppb	S2.5			
Std3 5.0 ppb	S5.0			
Std4 7.5 ppb	S7.5			
Std5 10.0 ppb	S10.0			
ICV	ICV			S18048
ICB	ICB			S18047
CCV	CCV			S18050
CCB	CCB			S18047
CRI	~~CRA~~ CRI A.P. 10/16/08			S18047
~~CHK STD~~	CHK STD			

A.P. 10/16/08

Date/Time	Received By	Relinguished By	Location
10/16/08	A. J. Patel	A. J. Patel	Mercury lab
	Analysis Group	**Extraction Group**	
	BF A. J. Patel	AP, AV, BP, HP, IG, JA, JM, JR, KR, MGS, MS, NP, RP	

CHEMTECH

MERCURY PREPARATION WORKSHEET

PB37319

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST	MATRIX	Wt(g)/Vol(ml)	PH	COMMENTS
PB37319BL	PBW	Mercury	Water	100	<2	
PB37319BS	LCSW	Mercury	Water	100	<2	518045
Z4932-02	FIELDBLANK	Mercury	Water	100	<2	
Z4932-03	RINSATEBLANK	Mercury	Water	100	<2	
Z4938-02	TLD-MW-1D	Mercury	Water	100	<2	
Z4938-03	TLD-MW-2D	Mercury	Water	100	<2	
Z4938-04	TLD-MW-5D	Mercury	Water	100	<2	
Z4938-05	TLD-MW-5S	Mercury	Water	100	<2	
Z4938-06	TLD-MW-4D	Mercury	Water	100	<2	
Z4938-07	TLD-MW-4S	Mercury	Water	100	<2	
Z4938-08	TLD-MW-1S	Mercury	Water	100	<2	
Z4938-09	TLD-MW-GW5	Mercury	Water	100	<2	
Z4938-10	TLD-MW-GW3	Mercury	Water	100	<2	
Z4938-11	TLD-MW-GB20	Mercury	Water	100	<2	
Z4938-12	TLD-MW-GW-4	Mercury	Water	100	<2	
Z4963-02	TLD-MW-FB	Mercury	Water	100	<2	
Z4963-03	TLD-MW-GB22	Mercury	Water	100	<2	
Z4963-04	TLD-MW-6S	Mercury	Water	100	<2	
Z4963-05	TLD-MW-GW10	Mercury	Water	100	<2	
Z4963-06	Z4963-04MS	Mercury	Water	100	<2	518045
Z4963-07	Z4963-04MSD	Mercury	Water	100	<2	

K.P.
10/16/08

* BL=Blank * BS=Blank Spike * TB=TCLP Blank

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

ICP-4 ANALYSIS RUN LOG

METHOD: ILM05.4 **PROJECT No:**

Z4920 Z4923 Z4932 Z4938 Z4915

RUN ID: LB40922 DATE: 10 / 16 / 08 ANALYST: B.Ford SUPERVISOR REVIEW D. Pulli

QC/SAMPLE ID	ANALYSIS TIME	STD. REF. No from Stock Log	LBP #	STD. REF. No. from Prep. Log	LBP #	PREP DATE	DATE OPENED	COMMENT
S0	6:39			MI12539	64	10/15/08		
S	6:41			MI12538	64	10/15/08		
ICV	7:01			MI12540	65	10/16/08		
ICB	7:03			MI12539	64	10/15/08		
CRI	7:05			MI12541	65	10/16/08		
ICSA	7:07			MI12542	65	10/16/08		
ICSAB	7:09			MI12543	66	10/16/08		
CCV	7:11			MI12544	66	10/16/08		
CCB	7:13			MI12539	64	10/15/08		

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
PB371688L		7:15		
PB37169 BS		7:17		
Z4920-01		7:18		
PB37169 BL		7:20		
PB37169 BS		7:25		
Z4920-03		7:26		
-04		7:28		
-05		7:30		
-06		7:32		
-07		7:34		
CCV		7:36		
CCB		7:38		
Z4920-08		7:39		Fe high
-10		7:41		Fe high
-08L		7:43	5	

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

ICP-4 ANALYSIS RUN LOG

METHOD: ILM05.4

PROJECT No:_____

RUN ID: LB40922 DATE: 10 / 16 / 08 ANALYST: B.Ford

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
Z4920-09		7:45		Fe high
-08A		7:47		
-11		7:49		
-12		7:50		
CRI		7:52		
ICSA		7:54		
ICSAB		7:56		
CCV		7:58		
CCB		7:59		
Z4920-13		8:01		
PB37170BL		8:03		
PB37170BS		8:05		
Z4923-17		8:07		
-18		8:09		
-19		8:11		
PB37171BL		8:13		
PB37171BS		8:15		
Z4923-01		8:17		
-02		8:18		
CCV		8:26		
CCB		8:28		
Z4923-03		8:29		
-04		8:31		
-05		8:33		

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

ICP-4 ANALYSIS RUN LOG

METHOD: ILM05.4

~~PROJECT No:~~

RUN ID: LB40922 DATE: 10 / 16 / 08 ANALYST: B.Ford

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
Z4923-06		8:35		
-07		8:36		
-08		8:38		
-09		8:40		
CRI		8:42		
ICSA		8:44		
ICSAB		8:46		
CCV		8:48		
CCB		8:49		
Z4923-10		8:51		
-11		8:53		
-12		8:55		
-13		8:57		
-13D		8:59		
-13L		9:00		
-13S		9:02		
-13A		9:04		
-14		9:06		
-15		9:08		
CCV		9:10		
CCB		9:12		
Z4923-16		9:14		
PB37216BL		9:18		
PB37216BS		9:20		

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

ICP-4 ANALYSIS RUN LOG

METHOD: ILM05.4

~~PROJECT~~ No:

RUN ID: LB40922 DATE: 10 / 16 / 08 ANALYST: B.Ford

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
Z4932-02		9:22		
-03		9:24		
PB37217BL		9:27		
PB37217BS		9:29		
CRI		9:31		
ICSA		9:33		
ICSAB		9:35		
CCV		9:44		
CCB		9:46		
Z4932-04		9:48		
-05		9:50		
-07		9:52		
-05L		9:53	5	
-06		9:55		
-05A		9:58		
-08		9:59		
-09		10:01		
-10		10:03		
-11		10:05		
CCV		10:07		
CCB		10:09		
Z4932-12		10:11		
-13		10:12		
-14		10:14		

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

ICP-4 ANALYSIS RUN LOG

METHOD: ILM05.4

PROJECT No:_____

RUN ID: LB40922 DATE: 10 / 16 / 08 ANALYST: B.Ford

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
Z4920-08		10:16	5	Fe only
-10		10:18	5	Fe only
-08L		10:20	25	Fe only
-09		10:22	5	Fe only
CRI		10:55		
ICSA		10:57		
ICSAB		10:59		
CCV		11:02		
CCB		11:04		
PB37233BL		11:05		
PB37233BS		11:07		
Z4938-02		11:09		
-02D		11:11		
-02L		11:13		
-02S		11:15		
-02A		11:17		
-03		11:19		
-04		11:21		
-05		11:23		
CCV		11:25		
CCB		11:27		
Z4938-06		11:29		
-07		11:31		
-08		11:33		

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

ICP-4 ANALYSIS RUN LOG

METHOD: ILM05.4

PROJECT No:_____

RUN ID: LB40922 DATE: 10 / 16 / 08 ANALYST: B.Ford

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
Z4938-09		11:35		
-10		11:37		
-11		11:39		
-12		11:41		
CRI		11:43		
ICSA		11:45		
ICSAB		11:47		
CCV		12:00		
CCB		12:02		
PB37296BL		12:04		
PB37296BS		12:06		
Z4915-01		12:24		
-02		12:26		
-012		12:28	5	
-04		12:32		
-05		12:34		
-06		12:36		
-07		12:38		
CCV		12:40		
CCB		12:42		
Z4915-03		12:54		

ICP-4 ANALYSIS RUN LOG

METHOD: ILM05.4

~~PROJECT~~ No:_____

RUN ID: LB40922 DATE: 10 / 16 / 08 ANALYST: B.Ford

QC/SAMPLE ID	CLIENT ID	ANALYSIS TIME	DILUTION FACTOR	COMMENTS
CRI		13:12		
ICSA		13:14		
ICSAB		13:16		
CCV		13:18		
CCB		13:20		
CCV				
CCB				

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ICAP-4 LOGBOOK

DATE	RUN ID	PROJECT #:	ANALYST	COMMENT
08/25/08	LB40042/ LB40042A	Z4039 Z3968 Z4115	B.Ford	—
08/27/08	LB40101	Z4199 Z4281 Z4184	B.Ford	—
08/29/08	LB40146	Z4300 Z4199	B.Ford	—
08/30/08	PH083008	Z4297 Z4347 Z4349	B.Ford	—
09/05/08	LB40235A	Z4228 (sulfur only)	[illegible]	—
09/08/08	LB40262	Z4379R, Z4298R, Z4299R, Z4297R	[illegible]	—
09/09/08	LB40284	Z4214R —	[illegible]	—
09/10/08	LB40307	Z4098R, Z4186R, Z4279R	[illegible]	—
09/16/08	LB40377	Z3997 Z4452 Z4474	[illegible]	—
—	—	Z4499 Z4477	[illegible]	—
09/17/08	LB40419	Z4499 Z3997	[illegible]	—
09/17/08	LB40417	Z4569 Z4541 Z4553 Z4556	[illegible]	—
—	—	Z4558 Z4535	[illegible]	—
09/20/08	LB40479	Z4581 Z4583 Z4597	[illegible]	—
9/22/08	LB40487	24608 24591	B.Ford	—
09/24/08	LB40516	Z4582 Z4596 Z4652	[illegible]	—
09/26/08	LB40573	Z4598R, Z4610R, Z4497R	[illegible]	—
9/29/08	LB40582	24611 24647 24608 24601	D. [illegible]	—
10/02/08	LB40656	Z4699 Z4669	[illegible]	—
10/04/08	LB40699	Z4781 Z4646 Z4647	[illegible]	—
10/06/08	LB40702	Z4599 Z4648 Z4666	[illegible]	—
10/7/08	ICF	ICF study	B. Ford	—
10/8/08	LR	LR study	B. Ford	—
10/10/08	LB40805	24669 24536 24797 24798	D. [illegible]	—
10/16/08	LB40922	Z4920 Z4923 Z4932 Z4938 Z4915	[illegible]	—

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Inorganic Standard Preparation Log

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
STD.S	MI12538	10/15/08	03/01/09	SJABWDL
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM1455	5ML			
MM1456	5ML	C.HNO3(MR1784)	5ML	500 mL
MM1603	5ML	C.HCL (MR1780)	25ML	
MM1556	5ML	—	—	
MM1498	0.5ML	—	—	10/15/08
MM1538	0.5ML			

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
CAL. BLANK (SO/ICB/CCB)	MI12539	10/15/08	12/15/08	SJABWDL
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
DI WATER +		C.HNO3(MR1784)	20mL	2,000mL
—	—	C.HCL (MR1780)	100mL	
				10/15/08

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
				_____mL

Inorganic Standard Preparation Log

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
CRI (CONC.)	MI11478	04/15/08	10/14/08	SJA[illegible]
Stock Log #	**Volume Used mL of Stock**	**Reagent Log # and Description**	**Volume Used mL of Reagent**	**Final Volum**
MI11476, MI11477 MM1387, MM1390 MM1394	0.2 ML. EACH	MI11430 used to make the final volume.		100 mL
MM1378, MM1389	0.5 ML. EACH			
MM1384, MM1385	0.1 ML. EACH			
MM1381, MM1397	1.2 ML. EACH			
MM1388, MM1396	1.0 ML. EACH			
MM1391 — 0.3 ML. MM1380 — 0.7 ML MM1393 — 0.8 ML.				

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
RINSE BLANK	MI11479	04/16/08	04/18/08	SJA[illegible]
Stock Log #	**Volume Used mL of Stock**	**Reagent Log # and Description**	**Volume Used mL of Reagent**	**Final Volume**
DI WATER +		C.HNO3	20 mL.	2,000 mL
		C.HCL	100 mL.	
				04/16/08

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
RINSE BLK.	MI11480	04/16/08	04/18/08	SJA[illegible]
Stock Log #	**Volume Used mL of Stock**	**Reagent Log # and Description**	**Volume Used mL of Reagent**	**Final Volume**
DI WATER +		C.HNO3	20 mL.	2,000 mL
		C.HCL	100 mL.	
				04/16/08

 Supervisor Review: [illegible] Date: 9/15/09

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Inorganic Standard Preparation Log

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
ICV	MI12540	10/16/08	NA	B.Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM1558	1mL	MI12539 used to make final vol.		10 mL
			10/16/08 BF	

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
CRI	MI12541 10/16/08 BF ~~MI12540~~	10/16/08	NA	B.Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MI11478	0.25mL	MI12539 used to make final vol.		50 mL
			10/16/08 BF	

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
ICSA	MI12542	10/16/08	NA	B.Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM1568	5mL	MI12539 used to make final vol.		50 mL
			10/16/08	

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Inorganic Standard Preparation Log

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
ICSAB	MI12543	10/16/08	NA	B.Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM1568	5mL	MI12539 used to	make final vol.	50 mL
MM1578	5mL			
			10/16/08 BF	

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
CCV	MI12544	10/16/08	NA	B.Ford
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
MM1455 MM1456	0.25mL	MI12539 used to	make final vol.	50 mL
MM1465	0.25mL			
MM1498	0.25mL			
MM1538	0.25mL		10/16/08 BF	

Standard Name	Chemtech Prep. Log #	Preparation Date	Expiration Date	Signature
Stock Log #	Volume Used mL of Stock	Reagent Log # and Description	Volume Used mL of Reagent	Final Volume
				mL

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CERTIFICATE OF ANALYSIS

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R: 01/31/08.

MM1455

1.0 INORGANIC VENTURES is an ISO Guide 34:2000 registered Certified Reference Material (CRM) Manufacturer (Certificate #883-02). The certificate is designed and the data is determined in accordance with ISO Guide 31:2000 (Reference Materials-Contents of Certificates and Labels), ISO Guide 34:2000 "Quality System Guidelines for the Production of Reference Materials," and ISO Guide 35-1989 "Certification of Reference Materials - General and Statistical Principals."

2.0 DESCRIPTION OF CRM Stock Solution

Catalog No.: CLPP-CAL-1

Lot Number: A2-MEB236013

Matrix: 5% HNO3(abs)

5,000.00 µg/mL each:
Ca, K, Mg, Na,
2,000.00 µg/mL each:
Al, Ba,
1,000.00 µg/mL each:
Fe,
500.00 µg/mL each:
Co, Mn, Ni, V, Zn,
250.00 µg/mL each:
Ag, Cu,
200.00 µg/mL each:
Cr3,
50.00 µg/mL each:
Be

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	2,004 ± 10 µg/mL	Barium, Ba	2,000 ± 3 µg/mL	Beryllium, Be	50.02 ± 0.10 µg/mL
Calcium, Ca	5,006 ± 13 µg/mL	Chromium+3, Cr3	200.0 ± 0.7 µg/mL	Cobalt, Co	500.0 ± 1.1 µg/mL
Copper, Cu	250.6 ± 0.5 µg/mL	Iron, Fe	1,000 ± 2 µg/mL	Magnesium, Mg	4,996 ± 17 µg/mL
Manganese, Mn	500.1 ± 1.1 µg/mL	Nickel, Ni	499.1 ± 1.7 µg/mL	Potassium, K	5,013 ± 9 µg/mL
Silver, Ag	250.0 ± 0.2 µg/mL	Sodium, Na	5,001 ± 23 µg/mL	Vanadium, V	500.4 ± 1.3 µg/mL
Zinc, Zn	500.2 ± 1.8 µg/mL				

Certified Density: 1.127 g/mL (measured at 22° C)

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MM1456

1.0 INORGANIC VENTURES is an ISO Guide 34:2000 registered Certified Reference Material (CRM) Manufacturer (Certificate #883-02). The certificate is designed and the data is determined in accordance with ISO Guide 31:2000 (Reference Materials-Contents of Certificates and Labels), ISO Guide 34:2000 "Quality System Guidelines for the Production of Reference Materials," and ISO Guide 35-1989 "Certification of Reference Materials - General and Statistical Principals."

2.0 DESCRIPTION OF CRM Stock Solution

Catalog No.: CLPP-CAL-3

Lot Number: A2-MEB194141

Matrix: 5% HNO3(abs)

1,000.00 µg/mL each:
As, Pb, Se, Tl,
500.00 µg/mL each:
Cd

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Arsenic, As	1,002 ± 3 µg/mL	Cadmium, Cd	499.9 ± 1.2 µg/mL	Lead, Pb	1,003 ± 3 µg/mL
Selenium, Se	1,000 ± 2 µg/mL	Thallium, Tl	1,000 ± 3 µg/mL		

Certified Density: 1.045 g/mL (measured at 22° C)

The Certified Value is based upon the most precise method used to analyze this CRM. The following equations are used in the calculation of the certified value and the uncertainty:

$$\text{Certified Value } (\bar{x}) = \frac{\Sigma x_i}{n}$$

$$\text{Uncertainty } (\pm) = \frac{2[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$$

($\bar{x}$) = mean
x_i = individual results
n = number of measurements
Σs_i = The summation of all significant estimated errors (Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

4.0 TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

"Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

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R 10/31/08

manual

1.0 INORGANIC VENTURES is an ISO Guide 34:2000 registered Certified Reference Material (CRM) Manufa (Certificate #883-02). The certificate is designed and the data is determined in accordance with ISO Guide 31:2000 (Reference Materials-Contents of Certificates and Labels), ISO Guide 34:2000 "Quality System Guid for the Production of Reference Materials," and ISO Guide 35-1989 "Certification of Reference Materials - Ge and Statistical Principals."

2.0 DESCRIPTION OF CRM Custom Solution

Catalog No.: CHEM-CLP-4

Lot Number: B2-MEB256060

Matrix: tr. HF, 2% HNO3(abs)

1,000.00 µg/mL ea:
B, Mo, Si, Sn, Ti

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALU
Boron, B	1,001 ± 4 µg/mL	Molybdenum, Mo	1,003 ± 2 µg/mL	Silicon, Si	998 ±:
Tin, Sn	1,003 ± 3 µg/mL	Titanium, Ti	1,000 ± 5 µg/mL		

Certified Density: 1.023 g/mL (measured at 22° C)

The Certified Value is based upon the most precise method used to analyze this CRM. The following equations are used in the calculati the certified value and the uncertainty:

$$\text{Certified Value } (\bar{x}) = \frac{\Sigma x_i}{n}$$

$$\text{Uncertainty } (\pm) = \frac{2[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$$

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
Σs_i = The summation of all significant estimated errors (Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

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- This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

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R: 05/11/08

MM1498

1.0 INORGANIC VENTURES is an ISO Guide 34:2000 registered Certified Reference Material (CRM) Manufacturer (Certificate #883-02). The certificate is designed and the data is determined in accordance with ISO Guide 31:2000 (Reference Materials-Contents of Certificates and Labels), ISO Guide 34:2000 "Quality System Guidelines for the Production of Reference Materials," and ISO Guide 35:1989 "Certification of Reference Materials - General and Statistical Principals."

2.0 DESCRIPTION OF CRM 10000 µg/mL Antimony in 2% (v/v) HNO3 / 3% Tartaric Acid

Catalog Number:	CGSB10-1, CGSB10-2, AND CGSB10-5
Lot Number:	B2-SB02109
Starting Material:	Sb shot
Starting Material Purity (%):	99.993384
Starting Material Lot No:	R1105SBA1
Matrix:	2% (v/v) HNO3 / 3% Tartaric Acid

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration:	10,043 ± 29 µg/mL
Certified Density:	1.057 g/mL (measured at 22° C)

The following equations are used in the calculation of the certified value and the uncertainty

Certified Value $(\bar{x}) = \frac{\Sigma x_i}{n}$

Uncertainty $(\pm) = \frac{2[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
Σs_i = The summation of all significant estimated errors (Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

- "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)
- This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1	Assay Method #1	10,043 ± 29 µg/mL (Avg. of 2 Runs) ICP Assay NIST SRM 3102A Lot Number: 061229
	Assay Method #2	10,030 ± 50 µg/mL Calculated NIST SRM Lot Number: See Sec. 4.2

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HIGH-PURITY STANDARDS

MH1538

Certificate of Analysis

Product Description:

Name:	Sulfur
Part number:	**10M54-5**
Lot number:	**0804617**
Source Material:	Sulfuric Acid
Material Purity:	99.99+%
Matrix:	H_2O

Certified Value: 10.00 mg/mL ± 0.05 mg/mL

The Certified value is based on gravimetric preparation, and verified against SRM 3154 (lot number 892205) developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry using an internal laboratory-developed method. The uncertainty in the certified value is calculated for a 95% confidence interval.

Reference Values:

Density: 1.0171 g/mL @ 23.1°C

Trace Metal Impurity Scan Analysis by ICP-OES and ICP-MS: The approximate values found in the sulfur standard solution at 1000 µg/mL are reported below in µg/L.

Ag	<0.02	Cu	<0.1	Li	<0.02	Rb	<0.02	Te	<0.02
Al	<0.1	Dy	<0.02	Lu	<0.02	Re	<0.02	Th	<0.02
As	<0.05	Er	<0.02	Mg	<0.5	Rh	<0.02	Ti	<0.02
Au	<0.02	Eu	<0.02	Mn	<0.1	Ru	<0.02	Tl	<0.02
B	<1	Fe	<1	Mo	<0.02	S	M	Tm	<0.02
Ba	<0.02	Ga	<0.02	Na	<1	Sb	<0.02	U	<0.1
Be	<0.02	Gd	<0.02	Nb	<0.02	Sc	<0.02	V	<0.05
Bi	<0.02	Ge	<0.02	Nd	<0.02	Se	<0.1	W	<0.02
Ca	<0.1	Hf	<0.02	Ni	<0.02	Si	<1	Y	<0.02
Cd	<0.02	Ho	<0.02	Os	<0.02	Sm	<0.02	Yb	<0.02
Ce	<0.02	In	<0.02	Pb	<0.05	Sn	<1	Zn	<0.1
Co	<0.05	Ir	<0.02	Pd	<0.02	Sr	<0.02	Zr	<0.02
Cr	<0.1	K	<1	Pr	<0.02	Ta	<0.02		
Cs	<0.02	La	<0.02	Pt	<0.02	Tb	<0.02		

R: 05/17/08

QATS INORGANIC REFERENCE MATERIAL
INITIAL CALIBRATION VERIFICATION SOLUTIONS
(ICVs)

ICV-1 (1201)		
Element	Concentration (µg/L) (after 10 fold dilution)	Concentration (µg/L) (after 50 fold dilution)
Al	2482	496
Sb	992	198
As	996	199
Ba	502	100
Be	493	99
Cd	494	99
Ca	10180	2036
Cr	490	98
Co	496	99
Cu	490	98
Fe	5107	1021
Pb	996	199
Mg	6003	1201
Mn	495	99
Ni	492	98
K	10008	2002
Se	1005	201
Ag	495	99
Na	10039	2008
Tl	1027	205
V	501	100
Zn	1000	200

MM1501
↓
MM1508

ICV-2 (0601)	
Element	Concentration (µg/L) (after 20 fold dilution)
As	52.6
Se	50.8

ICV-3 (0500)	
Element	Concentration (µg/L) (after 10 fold dilution)
Sb	999

QATS INORGANIC REFERENCE MATERIAL
INTERFERENCE CHECK SAMPLE SET
PART A (1206) WITH PART B (0203) FOR ICP-AES

R: 9/25/08

The "Certified Value" concentrations of the elements are listed in Table 1. The values are certified in that all results used in calculating the certified values were derived from statistically pooled results from the following sources: ILM05.4 Pre-award analysis, Quarterly Blind analysis, CLP laboratory referee analysis, and QATS Laboratory analysis. Preparation and analysis must be performed according to the following instructions:

Part A (1206), Interferents: Pipet 10 mL of the Part A solution into a 100 mL volumetric flask and dilute to volume with 2% v/v HNO_3. Analyze this solution, Soln. A, by ICP-AES.

Part B (0203), Analytes, mixed with Part A (1206), Interferents: Pipet 10 mL of the Part A solution and 10 mL of the Part B solution into a 100 mL volumetric flask and dilute to volume with 2% v/v HNO_3. Analyze this solution, Soln. AB, by ICP-AES.

NOTE: THIS ICS SET IS FOR USE WITH ILM05.4 AND REVISIONS ONLY, NOT ILM04.x.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-AES PART A (1206), AND PART A (1206) MIXED WITH PART B (0203)

Element	Concentration (µg/L) Part A	Concentration (µg/L) Part A + Part B
Al	244100	241100
Sb	(0)	589
As	(0)	101
Ba	(2)	495
Be	(0)	475
Cd	(0)	940
Ca	234900	231100
Cr	43	511
Co	(4)	461
Cu	(23)	548
Fe	95600	94800
Pb	10	61
Mg	247500	251100
Mn	19	502
Ni	(21)	984
Se	(0)	53
Ag	(0)	206
Tl	(0)	103
V	(0)	494
Zn	(28)	1028

( ) Indicates analyte values that are less than the CRQL, and the value is to be used as a set point for the +/- 2 times CRQL acceptance criteria calculations.

PART A : MM1568 → MM1577 PART B : MM1578 → MM1587

QATS INORGANIC REFERENCE MATERIAL
SOLID LABORATORY CONTROL SAMPLE
LCS-S (0405)

R: 01/10/08

TABLE 1. "CERTIFIED VALUE" CONCENTRATIONS AND CONTROL LIMITS FOR THE ELEMENTS IN THE SOLID LABORATORY CONTROL SAMPLE, LCS-S (0405)			
Element	"Certified Value" (mg/Kg)	Control Limits (mg/Kg)	
		Low Limit	High Limit
Al	115	54.7	175
Sb	66.0	27.6	104
As	253	154	352
Ba*	[1.6]	1.0	2.2
Be	4.9	3.0	6.8
Cd	10.9	7.7	14.0
Ca	44200	30300	58200
Cr	27.1	18.5	35.7
Co	37.4	24.2	50.6
Cu	1770	1320	2230
Fe	6470	4280	8660
Pb	56.9	41.4	72.4
Mg	29200	20500	37900
Mn	61.0	41.6	80.5
Hg	3.59	1.86	5.32
Ni	16.3	9.0	23.7
K*	[39.7]	0	85.3
Se	10.0	4.1	15.9
Ag	5.9	2.7	9.1
Na*	[72.5]	0	216
Tl	9.5	2.9	16.1
V	17.6	11.6	23.7
Zn	47.5	20.5	74.4

[ ] Denotes values which are greater than or equal to the method detection limit (MDL), but less than the Contract Required Quantitation Limit (CRQL).

* Barium, potassium, and sodium are present at concentrations below ILM05.x CRQLs. Acceptance limits are advisory only.

MM1447 To → MM1449

CHEMTECH

Project ID:	Sediment and Elutriate	Sample Number:	Z4720-04
Customer Sample No:	COMPOSITE-A	Test	Metals ICP-Group

Parameter	Results	Qualifier	Units	Detection Limit	Reporting Limit	Parmtype
Aluminum	7370		ug/L	19.3	100	TRG
Aluminum	1930	U	ug/L	1930	10000	TRG
Antimony	9.500	U	ug/L	9.500	10.0	TRG
Antimony	950	U	ug/L	950	1000	TRG
Arsenic	5.400	U	ug/L	5.400	10.0	TRG
Arsenic	540	U	ug/L	540	1000	TRG
Barium	29.9	J	ug/L	9.200	50.0	TRG
Barium	920	U	ug/L	920	5000	TRG
Beryllium	0.300	U	ug/L	0.300	3.000	TRG
Beryllium	30.0	U	ug/L	30.0	300	TRG
Cadmium	0.900	U	ug/L	0.900	5.000	TRG
Cadmium	90.0	U	ug/L	90.0	500	TRG
Calcium	232000		ug/L	282	1000	TRG
Calcium	299000		ug/L	28200	100000	TRG
Chromium	8.050		ug/L	1.400	5.000	TRG
Chromium	140	U	ug/L	140	500	TRG
Cobalt	2.500	U	ug/L	2.500	15.0	TRG
Cobalt	250	U	ug/L	250	1500	TRG
Copper	8.450	J	ug/L	3.700	10.0	TRG
Copper	370	U	ug/L	370	1000	TRG
Iron	8090		ug/L	27.0	100	TRG
Iron	3710	J	ug/L	2700	10000	TRG
Magnesium	781000		ug/L	291	1000	TRG
Magnesium	993000		ug/L	29100	100000	TRG
Manganese	36.9		ug/L	0.900	10.0	TRG
Manganese	90.0	U	ug/L	90.0	1000	TRG
Nickel	4.900	U	ug/L	4.900	20.0	TRG
Nickel	490	U	ug/L	490	2000	TRG
Potassium	325000		ug/L	52.5	1000	TRG
Potassium	357000		ug/L	5250	100000	TRG
Selenium	4.500	U	ug/L	4.500	10.0	TRG
Selenium	450	U	ug/L	450	1000	TRG
Silver	1.700	U	ug/L	1.700	5.000	TRG
Silver	170	U	ug/L	170	500	TRG
Sodium	2073500	OR	ug/L	492.799987792969	2000	TRG
Sodium	8600000		ug/L	49300	200000	TRG
Thallium	3.100	U	ug/L	3.100	20.0	TRG
Thallium	310	U	ug/L	310	2000	TRG
Vanadium	17.1	J	ug/L	4.100	20.0	TRG
Vanadium	410	U	ug/L	410	2000	TRG
Zinc	31.0		ug/L	4.200	20.0	TRG
Zinc	420	U	ug/L	420	2000	TRG

CHEMTECH

284 Sheffield Street Mountainside, NJ 07092

MERCURY ANALYSIS LOGBOOK

LB40915(CV)

Date	Case Number	Batch Number	Start Time	BLK	STD1	STD2	STD3	STD4
10/16/05	Z4923	pB37231	11:54	-13207	19339	246582	496173	725915
	Z4920	↓	↓	↓	↓	↓	↓	↓
	Z4923	pB37232						
	Z4932	↓	↓	↓	↓	↓	↓	↓

CHEMTECH

284 Sheffield Street Mountainside, NJ 07092

MERCURY ANALYSIS LOGBOOK

STD 5	End Time	Correlation Coeficient	Stannous Chloride Prep log #	Comment	Analyst	Supervisor Signature
954481	14:34	.999669	S180416	EPA CLP	A.J.Patel	D.M
↓	↓	↓	↓	EPA CLP	A.J.Patel	D.M
				EPA CLP	A.J.Patel	D.M
				EPA CLP.	A.J.Patel	D.M.

LB40915 A.P.

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

MERCURY ANALYSIS LOGBOOK

LB 40928 (CV)

Date	Case Number	Batch Number	Start Time	BLK	STD1	STD2	STD3	STD4
10/15/08	Z4670	PB37269	9:46	500	82425	130362	263329	396076
10/15/08	Z4698	PB37274	11:14	2892	104475	133594	270265	407318
10/15/08	Z4899	PB37280	14:50	883	8693	138134	275079	404765
10/15/08	Z4799	PB37289	16:42	724	10765	136935	278858	405533
	Z4915	PB37290	↓	↓	↓	↓	↓	↓
10/16/08	Z4922	PB37298	10:33	1699	9214	144134	286334	433706
	Z4948	↓	↓	↓	↑	↓	↓	↑
	Z4949	↓						
	Z4939	PB37299						
	Z4954	PB37300						
	Z4940	↓						
	Z4926							
	Z4957							
	Z4974							
	Z4940	↓						
	Z4952	PB37314						
	Z4927	PB37298	↓	↓	↓	↓	↓	↓
→ 10/16/08	Z4932	PB37319	15:59	560	19382	246126	489452	722210
	Z4938	↓	↓	↓	↓	↓	↓	↓
	Z4963	↓						
	Z4923	PB37320						
	Z4920	↓	↓	↓	↓	↓	↓	↓

CHEMTECH 284 Sheffield Street Mountainside, NJ 07092

MERCURY ANALYSIS LOGBOOK

STD 5	End Time	Correlation Coeficient	Stannous Chloride Prep log #	Comment	Analyst	Supervisor Signature
518572	10:28	.999906	S18039	RPA	A.J.Patel	D.Mi
531390	11:58	.999884	S18039	RPA	A.J.Patel	D.Mi
540708	16:16	.999934	S18044	RPA	A.J.Patel	D.Mi
531904	18:37	.999896	S18044	RPA	A.J.Patel	D.Mi
↓	↓	↓	↓	RPA	A.J.Patel	D.Mi
567489	15:42	.999916	S18046	L-3	A.J.Patel	D.Mi
				C	A.J.Patel	D.Mi
				C	A.J.Patel	D.Mi
				NYASP	A.J.Patel	D.Mi
				L-3	A.J.Patel	D.Mi
				C	A.J.Patel	D.Mi
				C	A.J.Patel	D.Mi
				NYASP	A.J.Patel	D.Mi
				C	A.J.Patel	D.Mi
				C	A.J.Patel	D.Mi
				NYASP	A.J.Patel	D.Mi
				C	A.J.Patel	D.Mi
965015	17:59	.999965	S18046	RPA-CR	A.J.Patel	D.Mi
				NYASP	A.J.Patel	D.Mi
				NYASP	A.J.Patel	D.Mi
				RPA-CR	A.J.Patel	D.Mi
				RPA-CR	A.J.Patel	D.Mi
					A.J.Patel	D.Mi

LB 40928 A.P.

CHEMTECH

QC: LB40851

PERCENT SOLIDS

ANALYST: [illegible]
DATE: 10/14/08

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
Z4930-03	C2[0-1.35]	35	1.16	8.55	5.04	52.6
Z4930-04	C2[0-1.35]	36	1.17	8.75	7.33	81.3
Z4930-05	D4[0-1.35]	37	1.18	8.69	3.32	28.5
Z4930-06	D4[0-1.35]	38	1.18	8.81	2.52	17.6
Z4930-07	D4[1.35-2.7]	39	1.18	8.25	3.23	29.0
Z4930-08	D4[1.35-2.7]	40	1.17	9	3.36	28.0
Z4930-09	D4[1.35-2.7]DUP	41	1.18	9.16	3.84	33.4
Z4930-10	D4[1.35-2.7]DUP	42	1.17	8.73	3.04	24.8
Z4930-11	D4[2.7-4.05]	43	1.17	8.56	3	24.8
Z4930-12	D4[2.7-4.05]	44	1.15	8.67	3.7	34.0
Z4930-13	D7[1.35-2.7]	45	1.19	8.93	7.14	76.9
Z4930-14	D7[1.35-2.7]	46	1.2	8.46	7.12	81.6
Z4930-15	D7[2.7-4.05]	47	1.16	8.63	6.04	65.4
Z4930-16	D7[2.7-4.05]	48	1.18	8.84	7.09	77.2
Z4930-17	D8[0-1.35]	49	1.19	8.64	4.72	47.4
Z4930-18	D8[0-1.35]	50	1.18	9.19	6.18	62.5
Z4930-19	D8[1.35-2.7]	51	1.18	8.41	4.99	52.7
Z4930-20	D8[1.35-2.7]	52	1.19	8.57	5.2	54.4
Z4930-21	D8[2.7-4.05]	53	1.19	8.47	6.03	66.5
Z4930-22	D8[2.7-4.05]	54	1.19	8.75	6.11	65.1
Z4930-23	D8[4.05-5.4]	55	1.16	8.67	6.61	72.6
Z4930-24	D8[4.05-5.4]	56	1.17	8.88	5.26	53.1
Z4932-04	DUP	57	1.16	8.92	5.41	54.8
Z4932-05	SED1	58	1.19	8.73	4.17	39.6
Z4932-06	Z4932-05MS	59	NR	NR	NR	NR
Z4932-07	Z4932-05MSD	60	NR	NR	NR	NR
Z4932-08	SED2	61	1.19	9.06	4.58	43.1
Z4932-09	SED3	62	1.18	8.95	4.52	43.0
Z4932-10	SED4	63	1.2	9.12	7.16	75.3
Z4932-11	SED5	64	1.19	9	7.51	81.0
Z4932-12	SED6	65	1.16	9.03	7.19	76.7
Z4932-13	SED7	66	1.19	8.74	6.85	75.0
Z4932-14	SED8	67	1.17	8.74	7.15	79.0
Z4937-01	SB-17[5.9-6.3]	68	1.18	8.96	7.73	84.2

OVEN TEMP: 106°C
TIME IN: 10/13/08 6:30 PM [illegible]
TIME OUT: 10/14/08 11:30 AM "

CHEMTECH

QC: LB40851

PERCENT SOLIDS

ANALYST: RDM
DATE: 10/14/08

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
Z4937-02	SB-17[6.4-6.9]	69	1.18	8.96	7.48	81.0
Z4937-03	SB-18[4.3-4.8]	70	1.18	8.83	7.46	82.1
Z4937-04	SB-18[5.0-6.0]	71	1.17	8.6	6.95	77.8
Z4937-05	Z4937-04MS	72	NR	NR	NR	NR
Z4937-06	Z4937-04MSD	73	NR	NR	NR	NR
Z4937-07	SB-19[2.6-3.1]	74	1.18	8.47	6.18	68.6
Z4937-08	SB-19[5.0-5.5]	75	1.16	8.44	7.12	81.9
Z4937-09	SB-16[4.0-4.5]	76	1.17	8.87	7.48	82.0
Z4937-10	SB-16[5.0-5.5]	77	1.17	8.6	7.31	82.7
Z4937-11	SB-20[5.0-5.5]	78	1.17	8.66	6.21	67.3
Z4937-12	SB-20[6.5-7.0]	79	1.18	8.67	7.31	81.9
Z4937-13	SB-22[5.5-6.0]	80	1.17	8.65	5.02	51.5
Z4937-14	SB-22[8.5-9.0]	81	1.18	8.92	7.56	82.5
Z4937-15	SB-24[5.0-5.5]	82	1.19	8.81	7.29	80.1
Z4937-16	SB-25[4.0-4.5]	83	1.18	8.95	7.02	75.2
Z4937-17	SB-25[6.0-6.5]	84	1.19	8.85	7.3	79.8
Z4937-18	SB-26[5.5-6.0]	85	1.18	8.9	7.45	81.3
Z4937-19	SB-27[4.0-4.5]	86	1.19	8.63	5.58	59.1
Z4937-20	SB-27[9.5-10.0]	87	1.19	8.93	7.43	80.7
Z4937-21	SB-28[4.5-10.0]	88	1.18	8.86	7.43	81.4
Z4937-22	SB-28[9.4-9.9]	89	1.18	9.01	7.63	82.4
Z4937-23	SB-29[4.7-5.2]	90	1.17	8.74	7.25	80.4
Z4937-24	SB-30[5.8-6.3]	91	1.19	9.07	7.63	81.8
Z4937-25	SB-30[6.7-7.1]	92	1.19	8.72	7.27	80.8
Z4948-01	KOHLS-5	93	1.18	9.03	7.99	86.8
Z4949-01	KOHLS-1	94	1.18	8.74	6.93	76.1
Z4949-03	KOHLS-2	95	1.18	8.96	8.24	90.8
Z4949-05	KOHLS-3	96	1.18	9	6.21	64.4
Z4949-07	KOHLS-4	97	1.19	8.9	7.46	81.4
Z4953-01	KOHLS-6	98	1.19	8.51	7.64	88.2
Z4929-10D	B8[2.7-4.05]D	16D	1.14	8.63	6.24	68.1
Z4929-25D	D7[4.05-5.4]D	31D	1.17	8.83	7.44	81.9
Z4932-05D	SED1D	58D	1.19	8.76	4.27	40.7
Z4937-04D	SB-18[5.0-6.0]D	71D	1.17	8.63	7.05	78.9

OVEN TEMP: 106 °C
TIME IN: 10/13/08 6:30 PM DH
TIME OUT: 10/14/08 10:30AM "

CHEMTECH

QC: LB408 51

PERCENT SOLIDS

ANALYST: [illegible]
DATE: 10/14/08

Lab ID	Client ID	Dish #	Dish Weight (g)	Dish Wt.+ Sample (g)	Dish Wt.+ Dry Sample (g)	% Solids
Z4949-05D	KOHLS-3D	96D	1.18	9.03	6.31	65.4
BLANK	DISH	B1	1.18	1.18	1.18	0.0
BLANK	DISH	B2	1.17	1.17	1.17	0.0
BLANK	DISH	B3	1.19	1.19	1.19	0.0
BLANK	DISH	B4	1.13	1.13	1.13	0.0
BLANK	DISH	B5	1.12	1.12	1.12	0.0

OVEN TEMP: 106°C
TIME IN: 10/13/08 6:30 PM
TIME OUT: 10/14/08 10:30 AM

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

SHIPPING AND RECEIVING DOCUMENTATION

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

24932

CHEMTECH PROJECT NO.
QUOTE NO. Q 0804002
COC Number 075883

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: Dewberry
ADDRESS: 600 Parsippany Rd
CITY: Parsippany STATE: NJ ZIP: 07054
ATTENTION: Corey Nachshen
PHONE: 973-739-9400 FAX: 973-428-8509

CLIENT PROJECT INFORMATION

PROJECT NAME: FCI-Danbury
PROJECT NO. S0013147 LOCATION: Danbury, CT
PROJECT MANAGER: Corey Nachshen
e-mail: cnachshen@dewberry.com
PHONE: 973-739-9400 FAX: 973-428-8509

CLIENT BILLING INFORMATION

BILL TO: Dewberry PO#: S0013147
ADDRESS: 600 Parsippany Road
CITY: Parsippany STATE: NJ ZIP: 07054
ATTENTION: Corey Nachshen PHONE: 973-739-9400

DATA TURNAROUND INFORMATION

FAX: 10 DAYS *
HARD COPY: 10 DAYS *
EDD: 10 DAYS *
PREAPPROVED TAT: ☑ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☒ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☒ EDD FORMAT EXCEL

ANALYSIS

1 TCL VOCs (SOM01.2) 2 TCL SVOCs (SOM01.2) 3 TCL PEST (SOM01.2) 4 PCBs (SOM01.2) 5 TAL METALS (ILM05.4) 6 CYANIDE (ILM05.4) 7 8 9

PRESERVATIVES / **COMMENTS**

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
								A/E	E	E	E	B/E	D/E				
1.	Trip Blank	AQ		—	10-9-08		2	X									
2.	Field Blank	AQ		—	10-9-08	0900	7	X	X	X	X	X	X				
3.	Rinsate Blank	AQ		—	10-9-08	0915	7	X	X	X	X	X	X				
4.	DUP	SL		X	10-9-08	[redacted]	2	X	X	X	X	X	X				
5.	SED 1	SL		X	10-9-08	0955	2	X	X	X	X	X	X				
6.	SED 1 MS	SL		X	10-9-08	0955	2	X	X	X	X	X	X				
7.	SED 1 MSD	SL		X	10-9-08	0955	2	X	X	X	X	X	X				
8.	SED 2	SL		X	10-9-08	1025	2	X	X	X	X	X	X				
9.	SED 3	SL		X	10-9-08	1045	2	X	X	X	X	X	X				
10.	SED 4	SL		X	10-9-08	1100	2	X	X	X	X	X	X				

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	10/9/08 1700	1. Chris Grob
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME: 10:45	RECEIVED FOR LAB BY:
3.	10/10/08	3. Chris Grob

Conditions of bottles or coolers at receipt: ☑ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 4°C
Ice in Cooler?: yes

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☑ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

74932

CHEMTECH PROJECT NO.
QUOTE NO. Q080-4002
COC Number 075884

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: Dewberry
ADDRESS: 600 Parsippany Road
CITY: Parsippany STATE: NJ ZIP: 07054
ATTENTION: Corey Nachshen
PHONE: 973-739-9400 FAX: 973-428-8509

CLIENT PROJECT INFORMATION

PROJECT NAME: FCI Danbury
PROJECT NO: 50013147 LOCATION: Danbury, CT
PROJECT MANAGER: Corey Nachshen
e-mail: cnachshen@dewberry.com
PHONE: 973-739-9400 FAX: 973-428-8509

CLIENT BILLING INFORMATION

BILL TO: Dewberry PO#: 50013147
ADDRESS: 600 Parsippany Road
CITY: Parsippany STATE: NJ ZIP: 07054
ATTENTION: Corey Nachshen PHONE: 973-739-9400

DATA TURNAROUND INFORMATION

FAX: 10 DAYS *
HARD COPY: 10 DAYS *
EDD: 10 DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☒ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other ____
☒ EDD FORMAT EXCEL

ANALYSIS

1 TAL VOTS (SOMO1.2)
2 TAL SVOLS 20 (SOMO1.2)
3 TAL PEST (SOMO1.2)
4 PCBS (SOMO1.2)
5 TAL METALS (ILMO5.4)
6 CYANIDE (ILMO5.4)
7
8
9

PRESERVATIVES / **COMMENTS**

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1 (A)	2 (E)	3 (E)	4 (E)	5 (B)	6 (D)	7	8	9	COMMENTS
1.	SED 5	SL		X	10-9-08	1205	2	X	X	X	X	X	X				
2.	SED 6	SL		X	10-9-08	1140	2	X	X	X	X	X	X				
3.	SED 7	SL		X	10-9-08	1330	2	X	X	X	X	X	X				
4.	SED 8	SL		X	10-9-08	1400	2	X	X	X	X	X	X				
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	10/9/08 1708	1. Chris Greb
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
3. [signature]	10/10/08 10:45	3. Chris Greb

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
Cooler Temp. 4°
Ice in Cooler?: yes
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

LABORATORY CERTIFICATION

STATE	License No.
New Jersey	20012
New York	11376
Florida	E87935
Maryland	296
Massachusetts	M-NJ503
Oklahoma	9705
Rhode Island	LAO00259
Connecticut	PH-0649
Maine	NJ0503
Pennsylvania	68-548

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone: 908 789 8900 Fax: 908 789 8922

END OF ANALYTICAL RESULTS