IEA
An Aquarion Company

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MR. DAVE HENDREN
ECOLOGY & ENVIRONMENT
111 WEST JACKSON BLVD.
CHICAGO
IL 60604

February 22, 1996

US EPA RECORDS CENTER REGION 5
550724

Dear Mr. Hendren

Please find enclosed the analytical results of the samples received at our laboratory on January 25, 1996. This report contains sections addressing the following information at a minimum:

- sample summary
- analytical methodology
- state certifications
- definitions
- analytical results
- chain-of-custody (if applicable)

IEA Project#	CH960263	Client Project#	TDD-9601-805
		Purchase Order#	-
IEA Quote#		Site Name	

Copies of this analytical report and supporting data are maintained in our files for three years; samples are retained for two weeks unless special arrangements have been made. Unless specifically indicated, all analytical testing was performed at this laboratory location and no portion of the testing was subcontracted.

We appreciate your selection of our services and welcome any questions or suggestions you may have relative to this report. Please contact your customer service representative at (800) 933-2580 for any additional information. Thank you for utilizing our services, we hope you will consider us for your future analytical needs.

I have reviewed and approved the enclosed data for final release.

Sincerely,

Larry D. Lewis
Director of Operations
IEA-Illinois Laboratory

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Definitions of Data Qualifiers

Organic Analysis

B- This analyte was detected in the method blank associated with this sample. The concentration reported in the method blank is suspected to contribute to the reported concentration of the analyte in the sample.

E- The concentration reported for this compound exceeds the calibration range of the instrument.

H- This sample had one or more surrogate recoveries above the acceptance criteria due to coelution with a nontarget compound.

J- The reported concentration for this compound is an estimated value. When associated with tentatively identified compounds (TICs), the result is quantitated based on a response factor of 1. When the flag is associated with a calibrated target compound, the compound has been positively identified and the reported concentration is above the method detection limit (MDL), but below the practical quantitation limit (PQL).

L- This sample had one or more surrogate recoveries below the acceptance criteria due to matrix effects. This effect was confirmed through a second analysis of the sample.

LI- The recovery of the internal standard corresponding to this compound did not meet the acceptance criteria due to matrix effects. This effect was confirmed through a second analysis of the sample.

T1- The chromatographic profile of this sample does not match that of a gasoline standard. Another unidentifiable petroleum product is present in this sample. Quantitation is based on a gasoline standard calibration.

T2- The chromatographic profile of this sample does not match that of a diesel fuel standard. Another petroleum product is present in this sample. Quantitation is based on a diesel fuel standard calibration.

U- This compound was not detected in the sample above the PQL.

UD- This compound was not detected above the elevated PQL in this diluted analysis.

Inorganic Analysis

E - The reported value was estimated due to the presence of interference.

M - Duplicate injection precision was not met.

N - Spiked sample recovery was not within control limits.

S - The reported value was determined by the Method of Standard Additions(MSA).

W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.

* - Duplicate analysis was not within control limits.

+ - Correlation Coefficient for the MSA is less than 0.995.

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CLIENT·ECOLOGY & ENVIRONMENT
CLIENT PROJECT#.TDD-9601-805
CLIENT P O # -
IEA PROJECT#·CH960263
MATRIX LEACHATE

TCLP METALS

LAB ID#	CLIENT ID	ANALYTE	RESULT	Qual	PQL	REGULATORY LIMIT	UNITS	DIL FACTOR	DATE DIGESTED	DATE ANALYZED	EXTRACTION BLANK	METHOD
960263001	D-1											
		Arsenic	U		0 1	5 0	mg/l	1	01/30/96	01/30/96	<0 1	6010
		Barium	0 64		0.05	100 0	mg/l	1	01/30/96	01/30/96	<0 05	6010
		Cadmium	0 01		0.005	1 0	mg/l	1	01/30/96	01/30/96	<0 005	6010
		Chromium	0.013		0 01	5.0	mg/l	1	01/30/96	01/30/96	<0 01	6010
		Lead	U		0 05	5 0	mg/l	1	01/30/96	01/30/96	<0 05	6010
		Mercury	U		0 0002	0 2	mg/l	1	01/30/96	01/30/96	<0 0002	7470
		Selenium	U		0.1	1 0	mg/l	1	01/30/96	01/30/96	<0.1	6010
		Silver	U		0.01	5 0	mg/l	1	01/30/96	01/30/96	<0.01	6010

Date Sampled 01/24/96 Date Leached:01/29/96

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Client: Ecology & Env.
IEA Job#: CH960263
Project #: TDD-9601-805
Matrix: Soil

Wet Chemistry Analytes
EPA Method 9012
(mg/Kg-Dry Weight)

Client ID	D-1	Method Blank				PQL
Lab ID	960263001	PB0130				
Analyte						
Total Cyanide	0.24	<0.12				0.12
Date Sampled	1/24/96	-				
Date Extracted	1/30/96	1/30/96				
Date Analyzed	1/30/96	1/30/96				

PQL = Practical Quantitation Limit

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SAMPLE SUMMARY

CLIENT SAMPLE ID	IEA SAMPLE ID
D-1	960263001

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CLIENT: Ecology and Environment
IEA PROJECT #: CH960263
CLIENT PROJECT #: TDD-9601-805

PROJECT NARRATIVE

Metals

The matrix spike duplicate recovery for Cadmium on sample D-1 was not within acceptable quality control limits. The sample is suspected to have matrix interferences present.
The replicate percent difference for Cadmium on sample D-1 was not within acceptable limits. This is an indication of non-homogeneity in the sample.

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CLIENT:ECOLOGY & ENVIRONMENT
CLIENT PROJECT#:TDD-9601-805
CLIENT P.O.#:-
IEA PROJECT#:CH960263
MATRIX:SOIL
METHOD:160.3

INORGANIC ANALYTE LIST

LAB ID#	CLIENT ID	ANALYTE	RESULT	PQL	UNITS	DILUTION FACTOR
960263001	D-1					
		Total Solids	87	N/A	%	-

DATE SAMPLED: 01/24/96 METHOD BLANK: -
DATE ANALYZED: 01/30/96

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INITIAL/CONTINUING CALIBRATION BLANK SHEET
MG/L

Associated Job Number: 960263

Analysis Date:	01/30/96	01/30/96	01/30/96	01/30/96	01/30/96	01/30/96	01/30/96	01/30/96
	Silver	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium	Mercury
	True Value	True Value	True Value	True Value	True Value	True Value	True Value	True Value
	0.0100	0.1000	0.0500	0.0050	0.0100	0.0500	0.1000	0.0002
ICB	0.0026	-0.0049	0.0006	0.0012	0.0028	0.0199	0.0156	<0.0002
CCB	0.0008	0 0061	0.0007	0.0008	0.0026	0.0285	0.0078	<0.0002
CCB	-0.0005	0.0112	0.0003	0 0008	0.0022	0.0154	0 0219	<0.0002
CCB	-0 0003	-0.0003	0.0006	0.0012	0 0045	0.0239	0.0469	<0.0002
CCB	0.0028	0.0177	0.0006	-0.0013	0 0028	0.0177	0.0070	
CCB	-0.0002	-0.0076	0.0041	0.0001	0.0069	0.0325	0.0195	
CCB	0.0005	-0.0003	0.0008	0.0006	0.0048	0 0308	0.0164	
CCB	0.0023	-0.0011	0.0026	0.0000	0 0041	0.0256	0.0207	
CCB	0.0016	0.0074	0.0116	0.0101	0 0127	0.0313	0.0242	
CCB	0.0016	0.0130	0.0028	0.0023	0 0053	0.0479	0.0184	
CCB	-0.0007	-0.0052	0.0022	0.0039	0.0023	0 0211	0 0199	

INITIAL/CONTINUING CALIBRATION VERIFICATION SHEET

MG/L

Associated Job Number. 960263

Analysis Date:	01/30/96		01/30/96		01/30/96		01/30/96		01/30/96		01/30/96		01/30/96		01/30/96	
	Silver		Arsenic		Barium		Cadmium		Chromium		Lead		Selenium		Mercury	
	True Value		True Value		True Value		True Value		True Value		True Value		True Value		True Value	
	0 5000	% R	5.0000	% R	5 0000	% R	5 0000	% R	5.0000	% R	5 0000	% R	5.0000	% R	0 0025	% R
ICV	0 4607	92.1	4 6558	93.1	4 8044	96 1	4.7842	95 7	4.7154	94 3	4.7819	95.6	4.7478	95.0	0 0028	112 8
CCV	0 4711	94.2	4.8047	96.1	4.9563	99.1	4.9203	98 4	4.8207	96.4	4 9157	98.3	4.9213	98 4	0 0027	108 4
CCV	0 4665	93.3	4.7795	95.6	4.9064	98.1	4.9070	98.1	4.7962	95 9	4.8775	97.5	4 8514	97 0	0 0029	114 8
CCV	0 4716	94.3	4 8758	97 5	5.0054	100.1	4.9240	98 5	4.7509	95.0	4 9406	98 8	4 9861	99 7	0.0029	117 2
CCV	0 4577	91 5	4 6178	92 4	4 7404	94.8	4.8403	96 8	4.7855	95.7	4 8116	96 2	4 6998	94 0		
CCV	0 4795	95 9	4.7494	95 0	4.6973	93.9	5.1708	103.4	5.4538	109 1	5 0777	101 6	4 7689	95 4		
CCV	0 4834	96.7	4.7345	94.7	4.6284	92.6	5.1518	103 0	5 3775	107.6	5 1291	102 6	4 7639	95.3		
CCV	0 4615	92 3	4.5667	91 3	4.4956	89.9	4.9296	98.6	5.0566	101 1	4.8859	97.7	4 5783	91.6		
CCV	0.4531	90.6	4.4837	89.7	4.4184	88.4	4 8759	97.5	5.0524	101 0	4.8534	97.1	4.5053	90.1		
CCV	0.4576	91 5	4 5281	90 6	4 4371	88.7	4.9003	98 0	5 0304	100.6	4 8406	96 8	4 5150	90 3		
CCV	0 4596	91 9	4.5510	91 0	4 4300	88 6	4 9407	98 8	5 1482	103 0	4 9121	98 2	4 5568	91 1		

ICP INTERFERENCE CHECK SAMPLE

MG/L

Associated Job Number: 960263

Analysis Date: 01/30/96

Analyte	True (mg/L)		Initial		Found (mg/L)		Final		Found (mg/L)	
	A	AB	A	% R	AB	% R	A	% R	AB	% R
Silver		1.00			1.14	114.0			1.08	108.3
Aluminum	500.00	500.00	510.70	102.1	497.99	99.6	467.20	93.4	452 71	90.5
Barium		0.50			0.45	89.2			0 41	82.6
Beryllium		0.50			0.44	87.7			0.44	88.2
Calcium	500.00	500.00	425.10	85.0	413.76	82.8	467.29	93.5	453.32	90.7
Cadmium		1.00			1.05	105.4			1.05	104.9
Cobalt		0.50			0.47	93.9			0.48	95.2
Chromium		0.50			0.46	91.7			0.48	96.1
Copper		0.50			0.56	112.2			0.47	93.9
Iron	200.00	200.00	192.03	96.0	187.08	93.5	198.47	99.2	192.58	96.3
Magnesium	500.00	500.00	439.21	87.8	426.30	85.3	425.45	85.1	411.18	82.2
Manganese		0.50			0.46	91.1			0.47	95.0
Nickel		1.00			0.93	92.7			0.96	95.7
Lead		1.00			0.91	91.1			1.02	102.5
Vanadium		0.50			0.44	89.0			0.45	90.4
Zinc		1.00			1.01	101.3			0.97	96.7

Quality Control Data Sheet
Associated Samples

QC Sample 960263001
Sample Weight 50
Sample Volume 50
Prep Batch# 1719
Matrix LEACHATE

Laboratory ID
960263001

Quality Control Data Sheet

QC Sample 960263001

Date Analyzed 01/30/96

Sample Weight 50

Sample Volume 50

Prep Batch# 1719

Matrix LEACHATE

Element	Meth	Orig Samp	Sample Duplicate Result	%RPD	Matrix Spike Spk Samp	Amt.Spkd	%Rec	Matrix Spk Duplicate Spk Samp	Amt Spkd	%Rec	%RPD	Serial Dilution Result	%RPD	Post Spike Result	Amt Spkd	%Rec
Arsenic	6010	< 0 100	< 0.100*	<5xPQL	1 8868	2.000	94 3405	1 968	2 000	98 4095	4.22204	< 0.50	<50xPQL			
Acceptable Limits				<20%			80-120%			80-120%	<20%		<10%			75-125%

* Test not performed

QC Sample LCS-1719
Sample Weight 50
Sample Volume 50
Prep Batch#.1719
Matrix LEACHATE

Quality Control Data Sheet
Laboratory Control Sample

Laboratory I D	Date	Time	Element	Meth	LCS Result	Known	%Rec
LCS-1719	01/30/96	20 16 00	Arsenic	6010	1.63549	2 0000	81.7
Acceptable Limits							80-120%

Quality Control Data Sheet
Prep Blank

QC Sample PB-1719
Sample Weight:50
Sample Volume 50
Prep Batch# 1719
Matrix·LEACHATE

Laboratory I D	Date	Time	Element	Meth	Prep Blank Result	Acceptable Prep Blank
PB-1719	01/29/96	16 14 00	Arsenic	6010	0 00061	+/-0 1

Quality Control Data Sheet

QC Sample·960263001

Date Analyzed 01/30/96

Sample Weight 50

Sample Volume 50

Prep Batch# 1719

Matrix·LEACHATE

Element	Meth	Orig Samp	Sample Duplicate Result	%RPD	Matrix Spike Spk.Samp	Amt Spkd	%Rec.	Matrix Spk Duplicate Spk Samp	Amt Spkd	%Rec	%RPD	Serial Dilution Result	%RPD	Post Spike Result	Amt Spkd	%Rec
Silver	6010	< 0 010	< 0.010*	<5xPQL	0 0541	0.050	108.2	0.056	0.050	112 74	4 10971	< 0 05	<50xPQL			
Barium	6010	0 635	< 0 050*	NoCalc	2.3616	2 000	86.286	2 399	2 000	88 1925	2.18536	0.63	0.235598			
Cadmium	6010	0 010	< 0.005*	NoCalc	0 0663	0 050	112.3	0.085	0 050	151 12	29.4738	< 0 02	<50xPQL			
Chromium	6010	0 013	< 0 010*	NoCalc	0 1968	0.200	91 88	0.212	0.200	99.47	7.93310	< 0.05	<50xPQL			
Lead	6010	< 0 050	< 0 050*	<5xPQL	0 5185	0 500	103 712	0 550	0.500	110 046	5 92632	< 0.25	<50xPQL			
Selenium	6010	< 0 100	< 0 100*	<5xPQL	1 9727	2 000	98 63651	2 116	2 000	105 8435	7.04909	< 0.50	<50xPQL			
Acceptable Limits				<20%			80-120%			80-120%	<20%		<10%			75-125%

* Test not performed

QC Sample LCS-1719
Sample Weight 50
Sample Volume 50
Prep Batch# 1719
Matrix LEACHATE

Quality Control Data Sheet
Laboratory Control Sample

Laboratory I D	Date	Time	Element	Meth	LCS Result	Known	%Rec
LCS-1719	01/30/96	20 16·00	Barium	6010	1 63893	2 0000	81 9
LCS-1719	01/30/96	20.16 00	Cadmium	6010	0 04905	0 0500	98 1
LCS-1719	01/30/96	20 16 00	Chromium	6010	0 18457	0 2000	92 2
LCS-1719	01/30/96	20 16 00	Lead	6010	0 45817	0 5000	91 6
LCS-1719	01/30/96	20 16.00	Selenium	6010	1 62975	2 0000	81 4
LCS-1719	01/30/96	20 16 00	Silver	6010	0 03745	0 0500	74 9
Acceptable Limits							80-120%

QC Sample PB-1719
Sample Weight 50
Sample Volume 50
Prep Batch# 1719
Matrix·LEACHATE

Quality Control Data Sheet
Prep Blank

Laboratory I D	Date	Time	Element	Meth	Prep Blank Result	Acceptable Prep Blank
PB-1719	01/29/96	16.14·00	Barium	6010	0 00070	+/-0 05
PB-1719	01/29/96	16 14 00	Cadmium	6010	-0 00144	+/-0.005
PB-1719	01/29/96	16 14 00	Chromium	6010	0 00690	+/-0 01
PB-1719	01/29/96	16 14:00	Lead	6010	0.04776	+/-0.050
PB-1719	01/29/96	16 14 00	Selenium	6010	0 01015	+/-0.1
PB-1719	01/29/96	16 14.00	Silver	6010	0 00413	+/-0 01

QC Sample 960263001
Sample Weight 100
Sample Volume.100
Prep Batch# 0147
Matrix LEACHATE

Quality Control Data Sheet
Associated Samples

Laboratory ID
960263001

Quality Control Data Sheet
Prep Blank

QC Sample PB-0147
Sample Weight 100
Sample Volume 100
Prep Batch# 0147
Matrix LEACHATE

Laboratory I D	Date	Time	Element	Meth	Prep Blank Result	Acceptable Prep Blank
PB-0147	01/30/96	23:59:59	Mercury	7470	<0 0002	+/-0 0002

Quality Control Data Sheet

QC Sample·960263001

Date Analyzed 01/30/96

Sample Weight:100

Sample Volume·100

Prep Batch#.0147

Matrix.LEACHATE

Element	Meth	Orig Samp	Sample Duplicate Result	%RPD	Matrix Spike Spk.Samp.	Amt Spkd	%Rec.	Matrix Spk Duplicate Spk Samp	Amt Spkd	%Rec	%RPD	Serial Dilution Result	%RPD	Post Spike Result	Amt Spkd	%Rec
Mercury	7470	< 0 000	< 0 000*	<5xPQL	0 0024	0.002	120.	0 002	0 002	125	4.08163	< 0.00*	<50xPQL			
Acceptable Limits				<20%			80-120%			80-120%	<20%		<10%			75-125%

* Test not performed

Analysis Report Mon 01-~~29~~ 30-96 04:17:31 PM page 1

Method: ICP1 Sample Name: PB-1719^ Operator: DOC
Run Time: 01/~~29~~ 30/96 16:14:48
Comment: SET 1719 (263/286/284 TCLP)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0041	.0007	-.0014	.0069	.0478	.0006	.0102
SDev	.0004	.0001	.0020	.0036	.0008	.0121	.0066
%RSD	9.707	12.90	137.4	51.85	1.706	1966.	65.27
#1	.0044	.0008	-.0029	.0094	.0472	-.0079	.0148
#2	.0038	.0006	-.0000	.0044	.0483	.0091	.0055
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0100	.0500	.0050	.0100	.0500	.1000	.1000
Low	-.0100	-.0500	-.0050	-.0100	-.0500	-.1000	-.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0079	.0055	.0039	.0883	.0402	.0004	.0470
SDev	.0013	.0028	.0001	.0051	.0119	.0000	.0037
%RSD	16.64	51.58	2.555	5.745	29.68	10.08	7.904
#1	.0089	.0035	.0038	.0919	.0318	.0003	.0444
#2	.0070	.0075	.0039	.0847	.0486	.0004	.0497
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0250	.0300	.0200	.1000	.0600	.0050	.2000
Low	-.0250	-.0300	-.0200	-.1000	-.0600	-.0050	-.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0057	H.0647	.0264	.0024	.4676	H.2339	.0037
SDev	.0019	.0006	.0028	.0001	.2268	.0002	.0059
%RSD	33.98	.8937	10.69	2.304	48.50	.0871	160.8
#1	.0071	H.0651	.0244	.0024	.6279	H.2340	.0079
#2	.0044	H.0643	.0284	.0024	.3072	H.2337	-.0005
Errors	LC Pass	LC High	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	.0500	.0500	.2000	.0150	1.000	.2000	.0500
Low	-.0500	-.0500	-.2000	-.0150	-1.000	-.2000	-.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0063	.0036	H.3158	.0003	H.0584	.0027
SDev	.0015	.0036	.0056	.0000	.0026	.0000
%RSD	23.57	101.0	1.788	10.85	4.410	.0217
#1	.0052	.0061	H.3198	.0003	H.0565	.0027
#2	.0073	.0010	H.3118	.0003	H.0602	.0027
Errors	LC Pass	LC Pass	LC High	LC Pass	LC High	LC Pass
High	.1000	.0500	.1000	.0500	.0500	.0500
Low	-.1000	-.0500	-.1000	-.0500	-.0500	-.0500

Analysis Report Mon 01-~~29~~ 30-96 04:20:17 PM page 1

Method: ICP1 Sample Name: LCS-1719^ Operator: DOC
Run Time: 01/~~29~~ 30/96 16:17:34
Comment: SET 1719 (263/286/284 TCLP)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0541	2.085	H.0616	.2376	H.6369	2.224	2.193
SDev	.0014	.004	.0017	.0003	.0032	.002	.008
%RSD	2.655	.2083	2.724	.1372	.5067	.1088	.3778
#1	.0551	2.082	H.0604	.2378	H.6392	2.226	2.188
#2	.0531	2.089	H.0628	.2374	H.6347	2.222	2.199
Errors	LC Pass	LC Pass	LC High	LC Pass	LC High	LC Pass	LC Pass
High	.0600	2.400	.0600	.2400	.6000	2.400	2.400
Low	.0400	1.600	.0400	.1600	.4000	1.600	1.600

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.2704	.5779	.5707	2.183	H.6023	.0541	21.17
SDev	.0007	.0031	.0001	.000	.0093	.0001	.02
%RSD	.2443	.5358	.0208	.0155	1.548	.1341	.1120
#1	.2700	.5801	.5707	2.183	.5957	.0541	21.19
#2	.2709	.5757	.5708	2.184	H.6089	.0542	21.16
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	.3000	.6000	.6000	2.400	.6000	.0600	24.00
Low	.2000	.4000	.4000	1.600	.4000	.0400	16.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.5756	1.183	18.94	.5774	21.50	20.77	.5399
SDev	.0013	.002	.01	.0008	.11	.17	.0018
%RSD	.2255	.1341	.0508	.1341	.5052	.7997	.3416
#1	.5747	1.182	18.95	.5780	21.43	20.66	.5386
#2	.5766	1.184	18.93	.5769	21.58	20.89	.5412
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.6000	1.200	24.00	.6000	24.00	24.00	.6000
Low	.4000	.8000	16.00	.4000	16.00	16.00	.4000

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.051	1.079	1.390	1.060	1.114	1.043
SDev	.001	.001	.003	.002	.013	.001
%RSD	.0702	.1116	.1943	.2343	1.169	.0739
#1	1.051	1.078	1.392	1.059	1.123	1.042
#2	1.052	1.080	1.388	1.062	1.105	1.043
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	1.200					
Low	.8000					

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Method: ICP1 30 Sample Name: EB-1719^ Operator: DOC 2/1/96
Run Time: 01/~~29~~ 30/96 16:36:56
Comment: SET 1719 (263/286/284 TCLP)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L.0003	L.0098	L.0049	L.0083	L.0289	L-.0079	L.0055
SDev	.0014	.0001	.0015	.0036	.0097	.0148	.0199
%RSD	500.3	.9221	31.61	43.22	33.50	187.3	363.7
#1	L.0013	L.0097	L.0038	L.0058	L.0221	L-.0183	L-.0086
#2	L-.0007	L.0098	.0060	.0108	L.0357	L.0026	L.0195
Errors	LC Low	LC Low	LC Low	LC Low	LC Low	LC Low	LC Low
High	200.0	70.00	300.0	1000.	1000.	300.0	1000.
Low	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca DOC
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0906	L.0129	.0529	.1121	L.0276	L.0030	.4076
SDev	.0000	.0034	.0000	.0004	.0042	.0001	.0099
%RSD	.0000	26.03	.0249	.3482	15.32	2.586	2.431
#1	.0906	L.0106	.0530	.1124	L.0246	L.0029	.4006
#2	.0906	L.0153	.0529	.1118	L.0306	L.0030	.4147
Errors	LC Pass	LC Low	LC Pass	LC Pass	LC Low	LC Low	LC Pass
High	900.0	300.0	100.0	700.0	500.0	300.0	600.0
Low	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg DOC	Mn	K DOC	Na DOC	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L.0052	.0969	L.0622	L.0149	L.3908	S2290.	L.0032
SDev	.0008	.0069	.0215	.0006	.0495	.	.0011
%RSD	15.71	7.147	34.52	4.090	12.68	.0163	35.50
#1	L.0046	.0920	L.0470	L.0145	L.4258	S2291.	L.0024
#2	L.0057	.1018	L.0774	.0154	L.3557	S2290.	L.0040
Errors	LC Low	LC Pass	LC Low	LC Low	LC Low	LC High	LC Low
High	100.0	700.0	1000.	30.00	1000.	1000.	100.0
Low	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn DOC	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L.0365	L.0051	.9714	L.0055	.0719	L.0050
SDev	.0015	.0005	.0346	.0001	.0070	.0000
%RSD	4.041	9.428	3.564	2.287	9.702	.0261
#1	L.0376	L.0048	.9959	L.0054	.0670	L.0050
#2	L.0355	L.0054	.9469	L.0056	.0768	L.0050
Errors	LC Low	LC Low	LC Pass	LC Low	LC Pass	LC Low
High	800.0	300.0	10.00	50.00	400.0	100.0
Low	.0500	.0500	.1000	.0400	.0500	.0500

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Method: ICP1 Sample Name: LCS-1719 Operator: DOC
Run Time: 01/30/96 20:16:50
Comment: RERUN CD,PB
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0375	1.639	.0491	.1846	.4582	1.635	1.630
SDev	.0052	.066	.0028	.0103	.0507	.033	.035
%RSD	13.92	4.034	5.645	5.552	11.06	2.017	2.169
#1	.0411	1.686	.0510	.1918	.4940	1.659	1.655
#2	.0338	1.592	.0471	.1773	.4223	1.612	1.605
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	70.00	300.0	1000.	1000.	300.0	1000.
Low	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.2028	.4396	.4362	1.627	.4704	.0405	16.46
SDev	.0099	.0252	.0188	.084	.0126	.0017	.72
%RSD	4.888	5.738	4.307	5.179	2.669	4.246	4.380
#1	.2097	.4575	.4495	1.686	.4615	.0417	16.97
#2	.1957	.4218	.4229	1.567	.4792	.0393	15.95
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	900.0	300.0	100.0	700.0	500.0	300.0	600.0
Low	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4394	.9464	14.35	.4506	12.96	12.77	.4228
SDev	.0219	.0388	.62	.0182	.68	.64	.0209
%RSD	4.981	4.096	4.338	4.044	5.220	4.984	4.944
#1	.4548	.9738	14.79	.4635	13.44	13.22	.4376
#2	.4239	.9190	13.91	.4377	12.48	12.32	.4080
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100.0	700.0	1000.	30.00	1000.	1000.	100.0
Low	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.7919	.8430	1.068	.8360	.8449	.8205
SDev	.0354	.0364	.058	.0341	.0418	.0347
%RSD	4.472	4.311	5.471	4.084	4.942	4.233
#1	.8170	.8687	1.109	.8601	.8744	.8451
#2	.7669	.8173	1.027	.8118	.8154	.7960
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	800.0	300.0	10.00	50.00	400.0	100.0
Low	.0500	.0500	.1000	.0400	.0500	.0500

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Method: ICP1 30 Sample Name: 960263001^ 2/1/96 Operator: DOC
Run Time: 01/~~29~~/96 16:23:06
Comment: SET 1719 (263/286/284 TCLP)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L.0032	.6359	.0102	.0131	L.0079	L.0020	L.0234
SDev	.0018	.0034	.0008	.0013	.0065	.0061	.0033
%RSD	56.49	.5397	8.248	9.956	81.40	301.4	14.14
#1	L.0045	.6335	.0108	.0122	L.0034	L-.0023	L.0258
#2	L.0019	.6384	.0096	.0140	L.0125	L.0063	L.0211
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Low	LC Low	LC Low
High	200.0	70.00	300.0	1000.	1000.	300.0	1000.
Low	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	45.36	.3749	2.672	.2592	L.0200	L.0004	138.8
SDev	.36	.0084	.000	.0103	.0077	.0000	.2
%RSD	.7894	2.235	.0083	3.978	38.50	4.638	.1360
#1	45.11	.3690	2.672	.2665	L.0145	L.0004	138.7
#2	45.61	.3808	2.673	.2520	L.0254	L.0004	139.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Low	LC Pass
High	900.0	300.0	100.0	700.0	500.0	300.0	600.0
Low	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L.0257	1.496	21.91	3.604	4.480	S2292.	L-.0011
SDev	.0003	.001	.17	.007	.109	.	.0029
%RSD	1.251	.0661	.7843	.2012	2.424	.0037	279.9
#1	L.0255	1.497	21.79	3.599	4.557	S2292.	L.0010
#2	L.0260	1.495	22.03	3.610	4.404	S2292.	L-.0031
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Low
High	100.0	700.0	1000.	30.00	1000.	1000.	100.0
Low	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L.0412	L-.0002	6.188	.3180	L.0145	L-.0089
SDev	.0022	.0012	.041	.0014	.0065	.0002
%RSD	5.370	707.1	.6547	.4385	44.72	1.893
#1	L.0428	L-.0010	6.159	.3170	L.0191	L-.0088
#2	L.0396	L.0007	6.217	.3189	L.0099	L-.0090
Errors	LC Low	LC Low	LC Pass	LC Pass	LC Low	LC Low
High	800.0	300.0	10.00	50.00	400.0	100.0
Low	.0500	.0500	.1000	.0400	.0500	.0500

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Method: ICP1 Sample Name: 960263001MS^ 2/1/96 Operator: DOC
Run Time: 01/~~29~~ 30/96 16:25:52
Comment: SET 1719 (263/286/284 TCLP)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0541	2.362	.0663	.1968	.5186	1.887	1.973
SDev	.0007	.000	.0007	.0010	.0089	.023	.021
%RSD	1.357	.0133	1.057	.4958	1.712	1.226	1.064
#1	.0546	2.361	.0668	.1975	.5248	1.870	1.988
#2	.0536	2.362	.0658	.1962	.5123	1.903	1.958
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	70.00	300.0	1000.	1000.	300.0	1000.
Low	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	45.90	.8301	3.210	2.268	.5560	.0421	158.5
SDev	.39	.0077	.004	.004	.0135	.0002	1.3
%RSD	.8564	.9325	.1174	.1839	2.432	.3799	.7908
#1	45.62	.8356	3.212	2.265	.5464	.0422	159.4
#2	46.17	.8246	3.207	2.271	.5655	.0420	157.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	900.0	300.0	100.0	700.0	500.0	300.0	600.0
Low	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4841	2.424	38.08	4.113	23.09	S2291.	.4361
SDev	.0027	.010	.01	.022	.76	.	.0013
%RSD	.5689	.4171	.0309	.5425	3.302	.0147	.2972
#1	.4861	2.432	38.09	4.128	22.55	S2291.	.4370
#2	.4822	2.417	38.07	4.097	23.63	S2291.	.4352
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	100.0	700.0	1000.	30.00	1000.	1000.	100.0
Low	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.9255	.8665	7.218	1.189	.9211	.8518
SDev	.0015	.0070	.001	.001	.0208	.0034
%RSD	.1594	.8056	.0170	.0446	2.263	.4053
#1	.9265	.8714	7.218	1.190	.9358	.8543
#2	.9245	.8616	7.219	1.189	.9064	.8494
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	800.0	300.0	10.00	50.00	400.0	100.0
Low	.0500	.0500	.1000	.0400	.0500	.0500

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Method: ICP1 Sample Name: 960263001MD^ 2/1/96 Operator: DOC
Run Time: 01/~~29~~ 30/96 16:28:39
Comment: SET 1719 (263/286/284 TCLP)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0564	2.400	.0858	.2120	.5502	1.968	2.117
SDev	.0029	.007	.0001	.0042	.0299	.020	.003
%RSD	5.196	.3003	.1321	1.995	5.431	1.035	.1305
#1	.0584	2.395	.0857	.2150	.5714	1.983	2.119
#2	.0543	2.405	.0858	.2090	.5291	1.954	2.115
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	70.00	300.0	1000.	1000.	300.0	1000.
Low	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca DOC
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	42.36	.8900	3.258	2.411	.5720	.0447	154.7
SDev	.65	.0134	.012	.024	.0033	.0002	1.6
%RSD	1.530	1.504	.3570	.9892	.5791	.5049	1.065
#1	41.90	.8994	3.266	2.394	.5697	.0448	155.9
#2	42.82	.8805	3.249	2.428	.5744	.0445	153.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	900.0	300.0	100.0	700.0	500.0	300.0	600.0
Low	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg DOC	Mn	K DOC	Na DOC	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.5084	2.777	37.86	4.006	23.96	S2293.	.4623
SDev	.0079	.020	.11	.028	.75	.	.0043
%RSD	1.562	.7211	.2774	.6925	3.118	.0101	.9226
#1	.5140	2.791	37.78	4.025	23.43	S2293.	.4653
#2	.5028	2.763	37.93	3.986	24.49	S2292.	.4592
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	100.0	700.0	1000.	30.00	1000.	1000.	100.0
Low	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	SR DOC	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.9792	.9177	7.143	1.212	1.008	.8940
SDev	.0037	.0164	.011	.002	.011	.0043
%RSD	.3767	1.783	.1547	.1454	1.123	.4786
#1	.9766	.9293	7.136	1.211	1.016	.8971
#2	.9818	.9062	7.151	1.213	.9998	.8910
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	800.0	300.0	10.00	50.00	400.0	100.0
Low	.0500	.0500	.1000	.0400	.0500	.0500

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Method: ICP1 Sample Name: 960263001SD^ 2/1/96 Operator: DOC
Run Time: 01/~~29~~ 30/96 16:31:24
Comment: SET 1719 (263/286/284 TCLP)
Mode: CONC Corr. Factor: 5

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L-.0063	.6374	.0187	.0282	.1333	.1435	L.0391
SDev	.0182	.0054	.0047	.0041	.0160	.0624	.0939
%RSD	289.0	.8524	25.40	14.45	12.00	43.49	240.4
#1	L.0066	.6336	.0153	.0253	.1220	.1876	L-.0273
#2	L-.0191	.6413	.0220	.0310	.1446	L.0993	.1055
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	200.0	70.00	300.0	1000.	1000.	300.0	1000.
Low	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca DOC
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	40.53	.3477	2.466	.3476	.0867	L.0007	125.1
SDev	.49	.0100	.013	.0852	.0041	.0002	.1
%RSD	1.214	2.881	.5150	24.49	4.708	26.73	.0941
#1	40.18	.3548	2.457	.2874	.0839	L.0008	125.1
#2	40.88	.3406	2.475	.4078	.0896	L.0005	125.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass
High	900.0	300.0	100.0	700.0	500.0	300.0	600.0
Low	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg DOC	Mn	K DOC	Na DOC	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L.0296	1.656	21.46	3.366	4.332	H1032.	L-.0104
SDev	.0065	.010	.16	.007	.696	4.	.0055
%RSD	21.89	.5944	.7377	.2221	16.06	.3955	53.14
#1	L.0342	1.649	21.34	3.361	4.824	H1029.	L-.0065
#2	L.0250	1.663	21.57	3.372	3.840	H1035.	L-.0143
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Low
High	100.0	700.0	1000.	30.00	1000.	1000.	100.0
Low	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn DOC	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0522	L.0187	5.539	.3233	L.0463	L-.0036
SDev	.0000	.0024	.014	.0023	.0304	.0029
%RSD	.0000	12.86	.2438	.7096	65.73	80.32
#1	.0522	L.0170	5.549	.3217	L.0248	L-.0056
#2	.0522	L.0204	5.530	.3249	.0678	L-.0016
Errors	LC Pass	LC Low	LC Pass	LC Pass	LC Low	LC Low
High	800.0	300.0	10.00	50.00	400.0	100.0
Low	.0500	.0500	.1000	.0400	.0500	.0500

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Method: ICP1 30 Sample Name: 960263001PS^ 2/1/96 Operator: DOC
Run Time: 01/~~29~~ 30/96 16:34:10
Comment: SET 1719 (263/286/284 TCLP)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4906	4.966	5.341	4.688	4.869	4.730	5.033
SDev	.0008	.037	.041	.003	.027	.040	.003
%RSD	.1606	.7451	.7707	.0624	.5486	.8474	.0659
#1	.4912	4.992	5.370	4.690	4.850	4.758	5.035
#2	.4901	4.940	5.312	4.686	4.887	4.702	5.031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	70.00	300.0	1000.	1000.	300.0	1000.
Low	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca DOC
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	49.32	5.025	7.625	5.553	5.225	4.500	142.6
SDev	.60	.021	.033	.055	.054	.031	.3
%RSD	1.216	.4113	.4360	.9821	1.027	.6856	.2121
#1	49.74	5.040	7.648	5.592	5.263	4.522	142.8
#2	48.90	5.011	7.601	5.515	5.187	4.478	142.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	900.0	300.0	100.0	700.0	500.0	300.0	600.0
Low	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg DOC	Mn	K DOC	Na DOC	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.747	5.934	29.85	8.173	14.54	S2292.	4.530
SDev	.006	.017	.21	.022	.10	.	.009
%RSD	.1365	.2799	.7149	.2751	.6946	.0014	.2081
#1	4.752	5.945	30.00	8.189	14.47	S2292.	4.536
#2	4.743	5.922	29.69	8.157	14.61	S2292.	4.523
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	100.0	700.0	1000.	30.00	1000.	1000.	100.0
Low	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn DOC	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.693	4.344	H11.36	4.779	4.486	4.312
SDev	.040	.012	.00	.028	.025	.024
%RSD	.8489	.2826	.0259	.5954	.5520	.5484
#1	4.721	4.353	H11.36	4.799	4.503	4.329
#2	4.665	4.336	H11.36	4.759	4.468	4.296
Errors	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	800.0	300.0	10.00	50.00	400.0	100.0
Low	.0500	.0500	.1000	.0400	.0500	.0500

2/1/96

Standardization Rpt. Mon ~~01-29-96~~ 1-30-96 12:50:19 PM page 1

Method: ICP1 Standard: BLANK

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Avge	-.0016	-.0001	.0001	.0006	-.0029	-.0178	-.0031
SDev	.0008	.0002	.0000	.0007	.0011	.0000	.0037
%RSD	50.91	141.4	.0000	113.1	39.12	.0000	118.8
#1	-.0021	-.0003	.0001	.0011	-.0021	-.0178	-.0005
#2	-.0010	.0000	.0001	.0001	-.0037	-.0178	-.0058

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Avge	.0000	.0035	.0019	.0219	-.0027	.0046	-.0166
SDev	.0000	.0028	.0002	.0005	.0001	.0001	.0011
%RSD	.0000	80.81	9.428	2.424	3.289	1.937	6.938
#1	.0000	.0015	.0018	.0223	-.0027	.0045	-.0158
#2	.0000	.0055	.0020	.0215	-.0026	.0046	-.0174

Elem	Co	Fe	Fe	Mg	Mn	K	Na
Avge	.0015	-.0027	-.0002	.0012	.0030	-.0168	.0148
SDev	.0007	.0032	.0011	.0006	.0003	.0000	.0002
%RSD	47.14	115.7	612.8	52.10	11.79	.0000	1.198
#1	.0020	-.0005	.0006	.0016	.0033	-.0168	.0146
#2	.0010	-.0050	-.0010	.0008	.0027	-.0168	.0149

Elem	V	B	Mo	Si	Sr	Sn	Ti
Avge	.0005	.0004	-.0002	.0124	-.0002	-.0029	.0022
SDev	.0000	.0002	.0005	.0009	.0000	.0009	.0003
%RSD	.0000	47.14	212.1	7.142	18.74	30.74	15.71
#1	.0005	.0003	-.0006	.0130	-.0003	-.0035	.0025
#2	.0005	.0005	.0001	.0117	-.0002	-.0022	.0020

Standardization Rpt. Mon 01-~~29~~ 30-96 12:53:00 PM page 1

Method: ICP1 Standard: STD 2 EL 2/1/96

Elem	Ag	Fe
Avge	.2424	6.989
SDev	.0027	.061
%RSD	1.094	.8663
#1	.2405	6.946
#2	.2442	7.031

Standardization Rpt. Mon 01-~~29~~ 30-96 12:56:12 PM page 1

Method: ICP1 Standard: CAL4 EJ 2/1/96

Elem	Ba	Cd	Cr	Pb	As	Se	Cu
Avge	9.768	2.113	5.432	1.093	5.905	1.597	2.676
SDev	.032	.001	.005	.004	.013	.010	.009
%RSD	.3285	.0293	.0911	.3397	.2200	.6033	.3369
#1	9.745	2.112	5.429	1.095	5.896	1.590	2.670
#2	9.790	2.113	5.436	1.090	5.914	1.604	2.682

Elem	Ni	Zn	Al	Be	Co	Fe	Mn
Avge	9.709	8.185	2.412	21.05	5.452	4.458	15.97
SDev	.016	.030	.005	.04	.002	.007	.03
%RSD	.1684	.3661	.2272	.2049	.0340	.1487	.1666
#1	9.698	8.164	2.408	21.02	5.451	4.453	15.95
#2	9.721	8.207	2.416	21.08	5.453	4.462	15.99

Elem	V	Sr
Avge	4.789	13.04
SDev	.006	.04
%RSD	.1218	.3049
#1	4.785	13.01
#2	4.793	13.06

..ndardization Rpt. Mon 01-~~29~~ 30-96 12:58:36 PM pa

Method: ICP1 Standard: CAL1 E.J. 2/1/96

Elem	Sb
Avge	1.038
SDev	.009
%RSD	.8342
#1	1.032
#2	1.044

Standardization Rpt. Mon 01-~~29~~ 30-96 01:01:32 PM page 1

Method: ICP1 Standard: CAL3 EL 2/1/96

Elem	Ca	Mg	K	Na
Avge	49.91	15.65	4.621	43.33
SDev	.47	.05	.093	.64
%RSD	.9516	.2942	2.022	1.479
#1	50.25	15.68	4.555	42.87
#2	49.58	15.62	4.688	43.78

Standardization Rpt. Mon 01-~~29~~ 30-96 01:04:30 PM page 1

Method: ICP1 Standard: CAL2 BR 2/1/96

Elem	B	Mo	Si	Sn	Ti
Avge	1.198	3.672	3.612	2.034	4.570
SDev	.009	.005	.005	.005	.002
%RSD	.7228	.1396	.1321	.2564	.0329
#1	1.192	3.675	3.609	2.037	4.571
#2	1.204	3.668	3.615	2.030	4.569

Analysis Report QC Standard Mon 01-~~29~~ 30-96 01:08:01 PM page 1

Method: ICP1 30 Sample Name: ICV Operator: CW
Run Time: 01/~~29~~ 30/96 13:04:35
Comment: 2/1/96
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4607	4.804	4.784	4.715	4.782	4.656	4.748
SDev	.0013	.012	.025	.075	.025	.003	.044
%RSD	.2855	.2525	.5232	1.584	.5229	.0728	.9309
#1	.4597	4.813	4.767	4.663	4.764	4.658	4.779
#2	.4616	4.796	4.802	4.768	4.800	4.653	4.717
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.5000	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.963	4.758	4.789	4.891	5.232	4.687	Q8.197
SDev	.050	.046	.013	.001	.027	.018	.160
%RSD	.9984	.9684	.2618	.0200	.5120	.3924	1.954
#1	4.998	4.726	4.780	4.892	5.213	4.674	Q8.084
#2	4.928	4.791	4.798	4.891	5.251	4.700	Q8.311
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	5.000	5.000	5.000	5.000	10.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.772	4.705	Q8.929	4.682	10.60	10.15	4.712
SDev	.057	.048	.003	.053	.10	.19	.034
%RSD	1.186	1.010	.0374	1.122	.9885	1.878	.7245
#1	4.732	4.671	Q8.927	4.645	10.68	10.28	4.688
#2	4.812	4.738	Q8.932	4.720	10.53	10.01	4.736
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	5.000	10.00	5.000	10.00	10.00	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.592	4.524	4.620	4.855	Q4.402	4.517
SDev	.010	.058	.015	.004	.035	.028
%RSD	.2089	1.287	.3348	.0919	.7931	.6260
#1	4.598	Q4.483	4.631	4.851	Q4.377	Q4.497
#2	4.585	4.565	4.609	4.858	Q4.427	4.537
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass
Value	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00

Analysis Report QC Standard Mon 01-~~29~~ 30-96 01:11:31 PM page 1

Method: ICP1 30 Sample Name: ICB E.J. 2/1/96 Operator: CW
Run Time: 01/~~29~~/96 13:08:05
Comment: E.J. 2/1/96
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0026	.0006	.0012	.0028	.0199	-.0049	.0156
SDev	.0018	.0004	.0023	.0003	.0129	.0247	.0276
%RSD	70.65	56.60	188.0	11.79	64.69	505.1	176.8
#1	.0039	.0009	-.0004	.0025	.0291	-.0223	-.0039
#2	.0013	.0004	.0028	.0030	.0108	.0126	.0352
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0009	-.0036	.0002	.0180	.0234	.0004	.0063
SDev	.0000	.0011	.0003	.0070	.0119	.0002	.0023
%RSD	.0102	30.30	132.5	38.92	50.91	37.37	36.76
#1	.0009	-.0044	.0000	.0230	.0149	.0006	.0046
#2	.0009	-.0028	.0005	.0131	.0318	.0003	.0079
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0029	.0014	-.0112	.0003	.2830	-.0045	.0013
SDev	.0005	.0014	.0073	.0001	.0457	.0112	.0007
%RSD	16.98	100.8	65.70	19.99	16.16	250.9	55.88
#1	.0032	.0004	-.0060	.0003	.3153	-.0124	.0018
#2	.0025	.0024	-.0164	.0002	.2506	.0035	.0008
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0104	.0049	.0295	.0005	.0034	.0014
SDev	.0015	.0002	.0152	.0002	.0022	.0004
%RSD	14.14	4.877	51.58	40.14	63.92	28.31
#1	.0094	.0048	.0403	.0006	.0019	.0011
#2	.0115	.0051	.0188	.0004	.0049	.0016
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000
Range	.1000	.0500	.1000	.0500	.0500	.0500

Analysis Report Mon 01-~~29~~ 30-96 01:15:00 PM page 1

Method: ICP1 Sample Name: LINCHK000 EJ 2/1/96 Operator: CW
Run Time: 01/~~29~~ 30/96 13:11:35
Comment: EJ 2/1/96
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0033	.0008	-.0011	.0094	H.0672	-.0011	.0273
SDev	.0044	.0005	.0007	.0065	.0427	.0119	.0177
%RSD	130.2	71.25	59.37	68.99	63.56	1129.	64.65
#1	.0064	.0011	-.0016	H.0140	H.0975	-.0095	.0148
#2	.0003	.0004	-.0007	.0048	.0370	.0074	.0398
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	.0100	.0500	.0050	.0100	.0500	.1000	.1000
Low	-.0100	-.0500	-.0050	-.0100	-.0500	-.1000	-.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0054	.0066	.0041	.0410	.0474	.0002	.1782
SDev	.0076	.0071	.0004	.0129	.0068	.0001	.0083
%RSD	141.4	108.1	9.606	31.48	14.32	50.61	4.668
#1	.0107	.0116	.0044	.0501	.0522	.0003	.1841
#2	-.0000	.0015	.0038	.0319	.0426	.0001	.1723
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0250	.0300	.0200	.1000	.0600	.0050	.2000
Low	-.0250	-.0300	-.0200	-.1000	-.0600	-.0050	-.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0055	H.0567	.1342	.0004	.3665	.0281	.0019
SDev	.0026	.0004	.0243	.0002	.1029	.0092	.0019
%RSD	47.14	.7570	18.10	54.35	28.08	32.67	100.4
#1	.0073	H.0564	.1514	.0006	.4393	.0346	.0032
#2	.0037	H.0570	.1170	.0003	.2938	.0216	.0005
Errors	LC Pass	LC High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.0500	.0500	.2000	.0150	1.000	.2000	.0500
Low	-.0500	-.0500	-.2000	-.0150	-1.000	-.2000	-.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0042	.0034	.0089	.0004	.0096	.0017
SDev	.0029	.0029	.0106	.0001	.0005	.0004
%RSD	70.71	84.85	119.2	21.71	5.095	23.30
#1	.0063	.0054	.0163	.0005	.0099	.0019
#2	.0021	.0014	.0014	.0004	.0092	.0014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.1000	.0500	.1000	.0500	.0500	.0500
Low	-.1000	-.0500	-.1000	-.0500	-.0500	-.0500

Analysis Report Mon 01-~~29~~ 30-96 01:18:30 PM page 1

Method: ICP1 30 Sample Name: LINCHK020 EN. 2/1/96 Operator: CW
Run Time: 01/~~29~~ 30/96 13:15:04
Comment: EN. 2/1/96
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4017	L1.858	1.929	L1.823	L1.899	L1.854	L1.898
SDev	.0006	.006	.007	.015	.008	.007	.065
%RSD	.1446	.3005	.3466	.8387	.4282	.4036	3.405
#1	.4021	L1.854	1.924	L1.812	L1.893	L1.849	L1.852
#2	.4013	L1.862	1.934	L1.834	1.905	L1.859	1.944
Errors	LC Pass	LC Low	LC Pass	LC Low	LC Low	LC Low	LC Low
High	.4200	2.100	2.100	2.100	2.100	2.100	2.100
Low	.3800	1.900	1.900	1.900	1.900	1.900	1.900

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.006	L1.860	L1.890	H97.31	2.011	L1.798	H97.82
SDev	.002	.010	.006	.06	.013	.011	.79
%RSD	.0824	.5238	.2998	.0627	.6316	.6177	.8079
#1	2.005	L1.853	L1.886	H97.35	2.002	L1.790	H97.26
#2	2.007	L1.867	L1.894	H97.26	2.020	L1.806	H98.38
Errors	LC Pass	LC Low	LC Low	LC High	LC Pass	LC Low	LC High
High	2.100	2.100	2.100	2.100	2.100	2.100	21.00
Low	1.900	1.900	1.900	1.900	1.900	1.900	19.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L1.844	H37.89	H106.1	L1.804	20.19	19.81	L1.798
SDev	.016	.25	.2	.013	.83	.40	.018
%RSD	.8872	.6662	.1850	.7470	4.133	2.044	.9789
#1	L1.833	H37.71	H105.9	L1.794	20.78	20.09	L1.785
#2	L1.856	H38.07	H106.2	L1.813	19.60	19.52	L1.810
Errors	LC Low	LC High	LC High	LC Low	LC Pass	LC Pass	LC Low
High	2.100	23.10	21.00	2.100	21.00	21.00	2.100
Low	1.900	20.90	19.00	1.900	19.00	19.00	1.900

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L1.829	L1.750	L1.814	L1.811	L1.754	L1.747
SDev	.001	.009	.001	.008	.006	.011
%RSD	.0807	.5364	.0406	.4466	.3537	.6041
#1	L1.828	L1.744	L1.814	L1.806	L1.750	L1.740
#2	L1.830	L1.757	L1.815	L1.817	L1.759	L1.755
Errors	LC Low	LC Low	LC Low	LC Low	LC Low	LC Low
High	2.100	2.100	2.100	2.100	2.100	2.100
Low	1.900	1.900	1.900	1.900	1.900	1.900

Analysis Report Mon 01-~~29~~ 30-96 01:21:59 PM page 1

Method: ICP1 30 Sample Name: LINCHK050 EL 2/1/96 Operator: CW
Run Time: 01/~~29~~/96 13:18:33
Comment: EL 2/1/96
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.030	L4.563	5.026	L4.551	L4.696	L4.617	4.767
SDev	.002	.014	.013	.005	.020	.004	.034
%RSD	.2070	.3112	.2606	.1072	.4269	.0831	.7186
#1	1.032	L4.553	5.017	L4.548	L4.682	L4.620	L4.742
#2	1.029	L4.573	5.035	L4.555	L4.711	L4.615	4.791
Errors	LC Pass	LC Low	LC Pass	LC Low	LC Low	LC Low	LC Pass
High	1.050	5.250	5.250	5.250	5.250	5.250	5.250
Low	.9500	4.750	4.750	4.750	4.750	4.750	4.750

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.191	L4.605	4.799	H226.8	5.130	L4.421	H229.5
SDev	.030	.013	.026	.6	.019	.007	.2
%RSD	.5853	.2808	.5426	.2551	.3791	.1606	.1021
#1	5.169	L4.596	4.780	H226.4	5.144	L4.416	H229.3
#2	5.212	L4.614	4.817	H227.2	5.117	L4.426	H229.7
Errors	LC Pass	LC Low	LC Pass	LC High	LC Pass	LC Low	LC High
High	5.250	5.250	5.250	5.250	5.250	5.250	52.50
Low	4.750	4.750	4.750	4.750	4.750	4.750	47.50

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	ppm	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L4.598	H95.36	H241.2	L4.526	L47.27	L47.30	L4.472
SDev	.001	.00	.2	.005	.32	.08	.006
%RSD	.0283	.0027	.0700	.1061	.6733	.1747	.1409
#1	L4.599	H95.36	H241.1	L4.523	L47.49	L47.36	L4.468
#2	L4.597	H95.36	H241.3	L4.529	L47.04	L47.24	L4.476
Errors	LC Low	LC High	LC High	LC Low	LC Low	LC Low	LC Low
High	5.250	57.75	52.50	5.250	52.50	52.50	5.250
Low	4.750	52.25	47.50	4.750	47.50	47.50	4.750

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L4.581	L4.314	L4.634	L4.459	L4.426	L4.314
SDev	.012	.000	.000	.011	.048	.009
%RSD	.2577	.0000	.0106	.2408	1.078	.1978
#1	L4.572	L4.314	L4.635	L4.451	L4.459	L4.308
#2	L4.589	L4.314	L4.634	L4.466	L4.392	L4.320
Errors	LC Low	LC Low	LC Low	LC Low	LC Low	LC Low
High	5.250	5.250	5.250	5.250	5.250	5.250
Low	4.750	4.750	4.750	4.750	4.750	4.750

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Method: ICP1 30 Sample Name: LINCHK100 Operator: CW
Run Time: 01/~~29~~/96 13:22:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	H2.177	L8.821	H10.60	L9.023	L9.233	L9.292	9.587
SDev	.004	.038	.04	.022	.025	.033	.018
%RSD	.1874	.4318	.3573	.2452	.2686	.3505	.1901
#1	H2.174	L8.794	H10.57	L9.008	L9.250	L9.269	9.575
#2	H2.180	L8.848	H10.62	L9.039	L9.215	L9.315	9.600
Errors	LC High	LC Low	LC High	LC Low	LC Low	LC Low	LC Pass
High	2.100	10.50	10.50	10.50	10.50	10.50	10.50
Low	1.900	9.500	9.500	9.500	9.500	9.500	9.500

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	H10.73	L9.003	9.835	H503.6	10.46	L8.562	H498.6
SDev	.08	.016	.056	2.4	.05	.012	.1
%RSD	.7169	.1831	.5709	.4680	.4375	.1437	.0294
#1	H10.68	L8.991	9.795	H501.9	10.42	L8.553	H498.5
#2	H10.78	L9.015	9.875	H505.2	10.49	L8.571	H498.8
Errors	LC High	LC Low	LC Pass	LC High	LC Pass	LC Low	LC High
High	10.50	10.50	10.50	10.50	10.50	10.50	105.0
Low	9.500	9.500	9.500	9.500	9.500	9.500	95.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	ppm	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L9.069	H195.9	H498.6	L9.070	L88.88	L89.25	L8.851
SDev	.018	.4	1.0	.024	.55	.24	.007
%RSD	.2000	.2007	.2095	.2655	.6154	.2639	.0844
#1	L9.056	H195.6	H497.9	L9.053	L89.26	L89.09	L8.845
#2	L9.082	H196.1	H499.4	L9.087	L88.49	L89.42	L8.856
Errors	LC Low	LC High	LC High	LC Low	LC Low	LC Low	LC Low
High	10.50	115.5	105.0	10.50	105.0	105.0	10.50
Low	9.500	104.5	95.00	9.500	95.00	95.00	9.500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	L9.144	L8.501	L9.497	L8.596	L8.783	L8.453
SDev	.046	.012	.037	.034	.008	.030
%RSD	.5002	.1444	.3904	.4003	.0861	.3499
#1	L9.112	L8.492	L9.471	L8.572	L8.777	L8.432
#2	L9.177	L8.510	9.524	L8.620	L8.788	L8.474
Errors	LC Low	LC Low	LC Low	LC Low	LC Low	LC Low
High	10.50	10.50	10.50	10.50	10.50	10.50
Low	9.500	9.500	9.500	9.500	9.500	9.500

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Method: ICP1 ~~30~~ Sample Name: CRI EC 2/1/96 Operator: CW
Run Time: 01/~~29~~/96 13:25:30
Comment: EC 2/1/96
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0218	.4151	Q.0293	Q.0437	Q.1504	.2116	.2227
SDev	.0004	.0036	.0040	.0029	.0049	.0242	.0000
%RSD	1.733	.8738	13.48	6.703	3.227	11.43	.0000
#1	.0215	.4177	Q.0265	Q.0416	Q.1470	.1945	.2227
#2	.0221	.4125	Q.0321	Q.0458	Q.1538	.2287	.2227
Errors	QC Pass	QC Pass	QC Fail	QC Fail	QC Fail	QC Pass	QC Pass
Value	.0200	.4000	.0100	.0200	.1000	.2000	.2000
Range	20.00	20.00	20.00	20.00	20.00	20.00	20.00

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q.0768	.0934	Q.0615	.4581	Q.1713	Q.0288	8.401
SDev	.0003	.0008	.0013	.0082	.0042	.0001	.223
%RSD	.4300	.8772	2.102	1.788	2.468	.3438	2.659
#1	Q.0766	.0929	Q.0606	.4639	Q.1683	Q.0288	8.243
#2	Q.0771	.0940	Q.0624	.4523	Q.1742	Q.0287	8.559
Errors	QC Fail	QC Pass	QC Fail	QC Pass	QC Fail	QC Fail	QC Pass
Value	.0500	.0800	.0400	.4000	.1200	.0100	10.00
Range	20.00	20.00	20.00	20.00	20.00	20.00	20.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.1197	Q.3321	9.071	Q.0464	10.83	10.42	.1167
SDev	.0049	.0014	.099	.0004	.16	.41	.0024
%RSD	4.065	.4196	1.096	.8335	1.442	3.933	2.068
#1	.1162	Q.3331	9.141	Q.0461	10.94	10.71	.1150
#2	Q.1231	Q.3311	9.001	Q.0466	10.72	10.13	.1185
Errors	QC Pass	QC Fail	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value	.1000	.2000	10.00	.0300	10.00	10.00	.1000
Range	20.00	20.00	20.00	20.00	20.00	20.00	20.00

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q.1278	.1137	.2063	.1159	.2130	.1118
SDev	.0037	.0034	.0039	.0009	.0022	.0006
%RSD	2.886	2.964	1.905	.7972	1.007	.5455
#1	Q.1304	.1113	.2035	.1165	.2146	.1114
#2	Q.1252	.1161	.2090	.1152	.2115	.1122
Errors	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.1000	.1000	.2000	.1000	.2000	.1000
Range	20.00	20.00	20.00	20.00	20.00	20.00

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Method: ICP1 30 Sample Name: ISA E.V. 2/1/96 Operator: CW
Run Time: 01/~~29~~/96 13:29:00
Comment: E.V. 2/1/96
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.0096	-.0116	-.0041	-.0035	-.0753	-.1544	.1098
SDev	.0018	.0001	.0016	.0013	.0277	.0359	.0028
%RSD	18.91	1.116	38.64	37.69	36.83	23.25	2.516
#1	-.0083	-.0117	-.0052	-.0044	-.0557	-.1290	.1078
#2	-.0109	-.0115	-.0030	-.0025	-.0949	-.1798	.1117
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.0069	-.0005	.0071	510.7	.0306	.0001	425.1
SDev	.0001	.0054	.0024	3.7	.0221	.0000	1.1
%RSD	.7266	1192.	33.33	.7266	72.37	3.286	.2651
#1	-.0069	.0033	.0087	508.1	.0462	.0001	425.9
#2	-.0070	-.0042	.0054	513.3	.0149	.0001	424.3
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass
Value				500.0			500.0
Range				20.00			20.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	ppm	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0013	192.0	439.2	-.0029	.0296	-.0772	-.0175
SDev	.0029	.0	1.5	.0000	.0076	.0000	.0007
%RSD	222.5	.0026	.3441	.4949	25.71	.0033	4.190
#1	.0034	192.0	438.1	-.0029	.0350	-.0772	-.0169
#2	-.0008	192.0	440.3	-.0029	.0243	-.0772	-.0180
Errors	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value		200.0	500.0				
Range		20.00	20.00				

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.0136	.0175	.0288	-.2030	-.0286	-.0500
SDev	.0030	.0022	.0015	.0006	.0004	.0004
%RSD	21.76	12.36	5.112	.2893	1.463	.8436
#1	-.0157	.0191	.0299	-.2035	-.0288	-.0497
#2	-.0115	.0160	.0278	-.2026	-.0283	-.0503
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value						
Range						

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Method: ICP1 30 Sample Name: ISB EN 2/1/96 Operator: CW
Run Time: 01/~~29~~/96 13:32:30
Comment: EN 2/1/96
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.140	.4461	1.054	.4583	.9114	-.1906	.1129
SDev	.003	.0022	.001	.0028	.0164	.0366	.0271
%RSD	.2553	.4917	.1104	.6047	1.802	19.19	23.98
#1	1.138	.4445	1.053	.4603	.9231	-.1647	.1320
#2	1.142	.4476	1.055	.4564	.8998	-.2164	.0938
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	1.000	.5000	1.000	.5000	1.000		
Range	20.00	20.00	20.00	20.00	20.00		

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.5612	.9275	1.013	498.0	.0211	.4385	413.8
SDev	.0046	.0057	.001	4.2	.0042	.0001	.6
%RSD	.8137	.6186	.1061	.8429	19.97	.0127	.1503
#1	.5580	.9315	1.012	495.0	.0181	.4384	414.2
#2	.5645	.9234	1.014	501.0	.0241	.4385	413.3
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.5000	1.000	1.000	500.0		.5000	500.0
Range	20.00	20.00	20.00	20.00		20.00	20.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	ppm	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4697	187.1	426.3	.4556	.3598	-.0767	.4450
SDev	.0018	.2	1.7	.0006	.1925	.0015	.0022
%RSD	.3820	.1270	.3916	.1372	53.50	1.972	.5034
#1	.4710	186.9	425.1	.4552	.4959	-.0777	.4465
#2	.4684	187.3	427.5	.4560	.2237	-.0756	.4434
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass
Value	.5000	200.0	500.0	.5000			.5000
Range	20.00	20.00	20.00	20.00			20.00

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.0136	.0146	.0207	-.1977	-.0241	-.0485
SDev	.0030	.0082	.0056	.0003	.0196	.0008
%RSD	21.76	55.91	27.33	.1551	81.24	1.555
#1	-.0115	.0204	.0247	-.1979	-.0102	-.0480
#2	-.0157	.0089	.0167	-.1975	-.0379	-.0490
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value						
Range						

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Method: ICP1 Sample Name: CCV
Run Time: 01/~~29~~ 30/96 13:35:59 Operator: CW
Comment: 2/1/96
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4711	4.956	4.920	4.821	4.916	4.805	4.921
SDev	.0012	.027	.011	.016	.013	.010	.025
%RSD	.2501	.5389	.2149	.3307	.2577	.2103	.5164
#1	.4702	4.975	4.928	4.809	4.925	4.798	4.939
#2	.4719	4.937	4.913	4.832	4.907	4.812	4.903
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.5000	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.164	4.883	4.943	5.383	5.424	4.804	Q8.651
SDev	.056	.002	.006	.340	.016	.012	.374
%RSD	1.094	.0392	.1249	6.308	.3006	.2462	4.319
#1	5.204	4.884	4.947	5.143	5.435	4.812	Q8.387
#2	5.124	4.881	4.939	Q5.623	5.412	4.795	Q8.916
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	5.000	5.000	5.000	5.000	10.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.862	4.931	9.509	4.777	Q11.19	10.93	4.812
SDev	.016	.169	.296	.015	.13	.39	.011
%RSD	.3200	3.428	3.115	.3149	1.141	3.601	.2278
#1	4.851	4.811	9.300	4.766	Q11.28	Q11.21	4.804
#2	4.873	5.051	9.719	4.788	Q11.10	10.66	4.819
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass
Value	5.000	5.000	10.00	5.000	10.00	10.00	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.718	4.626	4.657	4.997	4.534	4.645
SDev	.015	.004	.041	.015	.019	.007
%RSD	.3284	.0833	.8806	.3088	.4146	.1408
#1	4.729	4.623	4.686	5.008	4.520	4.650
#2	4.707	4.629	4.628	4.986	4.547	4.640
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00

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Method: ICP1 30 Sample Name: CCB 82 2/1/96 Operator: CW
Run Time: 01/~~29~~/96 13:39:30
Comment: 82 2/1/96
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0008	.0007	.0008	.0026	.0285	.0061	.0078
SDev	.0007	.0001	.0002	.0002	.0121	.0202	.0144
%RSD	95.50	12.85	21.51	6.136	42.49	333.0	183.8
#1	.0013	.0008	.0007	.0028	.0199	-.0082	-.0023
#2	.0002	.0006	.0010	.0025	.0370	.0203	.0180
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0028	.0020	.0008	.0256	.0402	.0003	.0109
SDev	.0000	.0054	.0004	.0007	.0033	.0002	.0028
%RSD	.0003	269.2	54.83	2.784	8.318	59.46	26.00
#1	.0028	.0058	.0010	.0261	.0378	.0004	.0129
#2	.0028	-.0018	.0005	.0251	.0426	.0002	.0089
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0040	.0039	.0060	.0005	.1469	.0001	.0000
SDev	.0008	.0022	.0034	.0000	.1582	.0137	.0015
%RSD	20.25	55.91	56.48	.1300	107.7	9607.	11560.
#1	.0034	.0054	.0036	.0005	.2587	.0098	.0011
#2	.0046	.0024	.0084	.0005	.0350	-.0095	-.0010
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0083	.0036	.0168	.0004	-.0067	.0012
SDev	.0015	.0002	.0066	.0003	.0043	.0002
%RSD	17.68	6.734	39.36	61.12	64.47	15.67
#1	.0094	.0034	.0215	.0006	-.0098	.0011
#2	.0073	.0037	.0122	.0003	-.0037	.0014
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000
Range	.1000	.0500	.1000	.0500	.0500	.0500

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Method: ICP1 30 Sample Name: CCV Operator: DOC
Run Time: 01/~~29~~ 30/96 15:10:42
Comment: RERUNS
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4665	4.906	4.907	4.796	4.877	4.780	4.851
SDev	.0032	.021	.019	.047	.062	.045	.055
%RSD	.6870	.4186	.3868	.9803	1.273	.9518	1.127
#1	.4642	4.892	4.894	4.763	4.834	4.747	4.813
#2	.4688	4.921	4.920	4.829	4.921	4.812	4.890
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.5000	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.117	4.855	4.872	5.059	5.371	4.780	Q8.400
SDev	.003	.028	.032	.003	.019	.033	.101
%RSD	.0645	.5740	.6519	.0642	.3608	.6986	1.207
#1	5.119	4.835	4.849	5.056	5.357	4.756	Q8.328
#2	5.114	4.874	4.894	5.061	5.385	4.804	Q8.471
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	5.000	5.000	5.000	5.000	10.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.827	4.795	9.136	4.745	Q11.20	10.91	4.778
SDev	.048	.044	.023	.046	.16	.18	.046
%RSD	.9875	.9183	.2515	.9757	1.395	1.650	.9666
#1	4.794	4.764	9.120	4.713	Q11.31	Q11.04	4.746
#2	4.861	4.827	9.152	4.778	Q11.09	10.78	4.811
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass
Value	5.000	5.000	10.00	5.000	10.00	10.00	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.673	4.605	4.668	4.936	4.521	4.608
SDev	.004	.050	.010	.031	.036	.037
%RSD	.0947	1.087	.2104	.6358	.8055	.7982
#1	4.677	4.569	4.661	4.913	Q4.496	4.582
#2	4.670	4.640	4.675	4.958	4.547	4.634
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00

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Method: ICP1 Sample Name: CCB Operator: DOC
Run Time: 01/~~29~~ 30/96 15:14:12
Comment: RERUNS
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.0005	.0003	.0008	.0022	.0154	.0112	.0219
SDev	.0004	.0003	.0013	.0034	.0129	.0014	.0011
%RSD	71.58	84.95	165.8	156.3	83.96	12.05	5.051
#1	-.0003	.0001	-.0001	-.0002	.0062	.0102	.0211
#2	-.0008	.0005	.0017	.0046	.0245	.0121	.0227
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0005	-.0019	.0021	.0196	.0222	.0003	.0106
SDev	.0007	.0035	.0003	.0019	.0034	.0001	.0000
%RSD	141.5	179.1	14.97	9.506	15.25	29.08	.0033
#1	-.0000	-.0044	.0018	.0183	.0198	.0003	.0106
#2	.0009	.0005	.0023	.0209	.0246	.0002	.0106
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.0009	.0026	-.0088	.0005	.0256	.0137	-.0004
SDev	.0026	.0008	.0119	.0001	.1467	.0051	.0009
%RSD	282.9	30.54	135.1	20.25	573.1	37.22	237.8
#1	-.0028	.0032	-.0172	.0006	.1294	.0173	.0003
#2	.0009	.0021	-.0004	.0005	-.0782	.0101	-.0010
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0073	.0017	.0161	.0004	.0046	.0011
SDev	.0029	.0024	.0111	.0001	.0082	.0000
%RSD	40.41	141.4	68.43	27.46	177.8	.0038
#1	.0052	-.0000	.0240	.0005	.0104	.0011
#2	.0094	.0034	.0083	.0003	-.0012	.0011
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000
Range	.1000	.0500	.1000	.0500	.0500	.0500

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Method: ICP1 Sample Name: CCV Operator: DOC
Run Time: 01/~~29~~ 30/96 15:52:31
Comment: RERUNS
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4716	5.005	4.924	4.751	4.941	4.876	4.986
SDev	.0016	.013	.015	.021	.008	.046	.051
%RSD	.3379	.2621	.3079	.4315	.1641	.9354	1.019
#1	.4705	4.996	4.913	4.736	4.946	4.844	4.950
#2	.4727	5.015	4.935	4.765	4.935	4.908	5.022
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.5000	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.320	4.841	4.937	5.167	5.452	4.809	Q8.202
SDev	.019	.020	.026	.024	.024	.010	.042
%RSD	.3663	.4063	.5338	.4577	.4361	.2033	.5114
#1	5.306	4.827	4.918	5.150	5.436	4.802	Q8.172
#2	5.333	4.855	4.956	5.184	5.469	4.816	Q8.231
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	5.000	5.000	5.000	5.000	10.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.801	4.760	9.326	4.712	Q11.82	Q11.81	4.776
SDev	.018	.015	.018	.017	.14	.07	.022
%RSD	.3647	.3230	.1915	.3631	1.177	.5721	.4581
#1	4.789	4.749	9.313	4.700	Q11.92	Q11.76	4.760
#2	4.814	4.770	9.338	4.724	Q11.72	Q11.85	4.791
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Fail	QC Pass
Value	5.000	5.000	10.00	5.000	10.00	10.00	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.773	4.569	4.700	5.008	4.515	4.623
SDev	.027	.019	.010	.016	.008	.015
%RSD	.5565	.4057	.2090	.3287	.1672	.3140
#1	4.754	4.556	4.707	4.997	4.510	4.613
#2	4.791	4.582	4.693	5.020	4.521	4.634
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00

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Method: ICP1 Sample Name: CCB Operator: DOC
Run Time: 01/~~29~~ 30/96 15:56:01
Comment: RERUNS
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.0003	.0006	.0012	.0045	.0239	-.0003	.0469
SDev	.0022	.0005	.0024	.0024	.0218	.0113	.0011
%RSD	838.9	84.92	199.0	54.39	91.09	3284.	2.357
#1	.0013	.0010	-.0005	.0062	.0393	-.0083	.0461
#2	-.0018	.0003	.0029	.0028	.0085	.0076	.0477
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0051	.0028	.0023	.0379	.0366	.0007	.0168
SDev	.0007	.0001	.0017	.0078	.0119	.0003	.0012
%RSD	12.86	3.289	76.05	20.45	32.41	40.54	7.385
#1	.0056	.0027	.0035	.0434	.0450	.0009	.0176
#2	.0047	.0028	.0010	.0324	.0282	.0005	.0159
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0038	.0060	.0004	.0010	-.2978	.0025	-.0006
SDev	.0063	.0016	.0316	.0004	.0172	.0059	.0006
%RSD	167.2	26.26	7541.	39.60	5.759	241.6	89.65
#1	.0083	.0071	.0228	.0013	-.2857	-.0017	-.0002
#2	-.0007	.0049	-.0219	.0007	-.3099	.0066	-.0010
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0078	.0019	.0158	.0005	-.0018	.0025
SDev	.0037	.0017	.0214	.0003	.0104	.0004
%RSD	47.14	90.00	135.2	49.69	578.7	15.70
#1	.0052	.0031	.0309	.0007	.0056	.0027
#2	.0104	.0007	.0007	.0004	-.0092	.0022
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000
Range	.1000	.0500	.1000	.0500	.0500	.0500

Analysis Report QC Standard Mon 01-~~29~~ 30-96 05:45:59 PM page 1

Method: ICP1 Sample Name: CCV Operator: CW
Run Time: 01/~~29~~ 30/96 17:42:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4577	4.740	4.840	4.785	4.812	4.618	4.700
SDev	.0014	.028	.033	.042	.004	.027	.043
%RSD	.2975	.5955	.6767	.8839	.0848	.5861	.9051
#1	.4567	4.720	4.817	4.756	4.815	4.599	4.670
#2	.4586	4.760	4.863	4.815	4.809	4.637	4.730
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.5000	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.869	4.806	4.795	4.859	5.203	4.677	Q8.342
SDev	.018	.058	.036	.026	.054	.039	.086
%RSD	.3595	1.197	.7516	.5328	1.047	.8251	1.031
#1	4.857	4.766	4.769	4.841	5.164	4.650	Q8.282
#2	4.882	4.847	4.820	4.878	5.241	4.705	Q8.403
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	5.000	5.000	5.000	5.000	10.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.802	4.712	Q8.805	4.703	10.82	10.48	4.722
SDev	.045	.055	.004	.048	.28	.05	.041
%RSD	.9385	1.158	.0497	1.017	2.572	.5201	.8721
#1	4.770	4.673	Q8.802	4.670	Q11.01	10.52	4.693
#2	4.834	4.751	Q8.808	4.737	10.62	10.44	4.751
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	5.000	10.00	5.000	10.00	10.00	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.553	4.563	5.131	4.790	Q4.466	4.515
SDev	.037	.033	.133	.036	.059	.037
%RSD	.8102	.7175	2.598	.7495	1.320	.8146
#1	4.527	4.540	5.225	4.764	Q4.424	Q4.489
#2	4.580	4.586	5.037	4.815	4.508	4.541
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass
Value	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00

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Method: ICP1 ~~29~~ 30 Sample Name: CCB
Run Time: 01/~~29~~ 30/96 17:46:02 Operator: CW
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0028	.0006	-.0013	.0028	.0177	.0177	.0070
SDev	.0022	.0004	.0007	.0003	.0065	.0184	.0022
%RSD	77.10	56.58	49.52	11.79	36.52	103.6	31.43
#1	.0013	.0004	-.0009	.0030	.0222	.0307	.0086
#2	.0044	.0009	-.0018	.0025	.0131	.0047	.0055
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0044	.0019	.0020	.0154	.0234	.0005	.0120
SDev	.0010	.0020	.0009	.0033	.0272	.0003	.0048
%RSD	22.33	103.7	44.15	21.69	116.1	54.82	39.79
#1	.0037	.0033	.0014	.0178	.0042	.0003	.0086
#2	.0051	.0005	.0026	.0130	.0426	.0007	.0154
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0018	.0028	.0076	.0009	.0364	-.0025	.0011
SDev	.0016	.0018	.0034	.0008	.0515	.0022	.0007
%RSD	88.46	63.98	44.34	82.42	141.4	91.42	69.67
#1	.0007	.0040	.0100	.0004	.0000	-.0009	.0005
#2	.0030	.0015	.0052	.0015	.0728	-.0040	.0016
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0063	.0036	.0990	.0006	-.0021	.0016
SDev	.0074	.0022	.0486	.0004	.0065	.0000
%RSD	117.9	60.61	49.13	62.92	306.2	.0423
#1	.0115	.0020	Q.1333	.0004	-.0067	.0016
#2	.0010	.0051	.0646	.0009	.0025	.0016
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000
Range	.1000	.0500	.1000	.0500	.0500	.0500

Method: ICP1 Sample Name: CCV Operator: DOC
Run Time: 01/30/96 20:07:35
Comment: SET 1719 (263/286/248)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4795	4.697	5.171	5.454	5.078	4.749	4.769
SDev	.0031	.018	.010	.047	.014	.024	.021
%RSD	.6437	.3794	.2028	.8622	.2700	.4967	.4402
#1	.4817	4.710	5.178	5.487	5.087	4.733	4.754
#2	.4774	4.685	5.163	5.421	5.068	4.766	4.784
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.5000	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q4.456	5.316	5.014	4.653	5.321	5.024	10.01
SDev	.006	.031	.019	.001	.007	.028	.09
%RSD	.1260	.5773	.3852	.0109	.1239	.5532	.9091
#1	Q4.459	5.338	5.027	4.652	5.326	5.043	10.07
#2	Q4.452	5.294	5.000	4.653	5.316	5.004	9.943
Errors	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	5.000	5.000	5.000	5.000	5.000	10.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.387	5.231	Q8.612	5.294	Q7.167	Q7.143	5.200
SDev	.022	.021	.054	.029	.261	.135	.028
%RSD	.4152	.4022	.6233	.5419	3.643	1.883	.5474
#1	5.403	5.246	Q8.650	5.314	Q6.983	Q7.048	5.220
#2	5.371	5.216	Q8.574	5.273	Q7.352	Q7.238	5.180
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Fail	QC Fail	QC Pass
Value	5.000	5.000	10.00	5.000	10.00	10.00	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.555	5.111	4.709	4.893	4.959	4.861
SDev	.007	.028	.041	.020	.029	.026
%RSD	.1458	.5510	.8603	.4110	.5856	.5337
#1	4.550	5.131	4.738	4.907	4.980	4.879
#2	4.560	5.091	4.681	4.879	4.939	4.843
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00

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Method: ICP1 Sample Name: CCB Operator: DOC
Run Time: 01/30/96 20:13:20
Comment: SET 1719 (263/286/248)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.0002	.0041	.0001	.0069	.0325	-.0076	.0195
SDev	.0022	.0004	.0008	.0003	.0145	.0046	.0000
%RSD	988.1	8.843	1060.	4.713	44.66	60.49	.0000
#1	.0013	.0044	-.0005	.0071	.0222	-.0109	.0195
#2	-.0018	.0038	.0006	.0067	.0428	-.0044	.0195
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0077	-.0001	.0056	.0075	.0294	.0041	.0183
SDev	.0016	.0017	.0009	.0041	.0102	.0007	.0037
%RSD	21.43	2687.	15.49	54.54	34.76	16.27	20.34
#1	.0065	-.0013	.0063	.0046	.0221	.0046	.0156
#2	.0089	.0012	.0050	.0104	.0366	.0036	.0209
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0060	.0045	.0137	.0046	.1374	.0139	.0054
SDev	.0003	.0014	.0062	.0006	.0572	.0057	.0009
%RSD	5.429	31.12	45.35	11.98	41.59	41.25	17.17
#1	.0057	.0035	.0093	.0050	.1779	.0098	.0060
#2	.0062	.0054	.0181	.0042	.0970	.0179	.0047
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0188	.0071	.0089	.0043	-.0036	.0051
SDev	.0000	.0005	.0042	.0006	.0026	.0006
%RSD	.0000	6.734	47.14	14.24	71.77	11.45
#1	.0188	.0075	.0059	.0048	-.0055	.0055
#2	.0188	.0068	.0118	.0039	-.0018	.0047
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000
Range	.1000	.0500	.1000	.0500	.0500	.0500

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Method: ICP1 Sample Name: CCV Operator: DOC
Run Time: 01/30/96 20:58:10
Comment: SET 1719 (263/286/248)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4834	4.628	5.152	5.378	5.129	4.734	4.764
SDev	.0074	.014	.058	.109	.081	.088	.030
%RSD	1.534	.3087	1.133	2.033	1.587	1.853	.6378
#1	.4781	4.618	5.111	5.300	5.071	4.672	4.742
#2	.4886	4.638	5.193	5.455	5.187	4.797	4.785
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.5000	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q4.440	5.292	4.942	4.664	5.029	4.927	9.899
SDev	.002	.097	.070	.031	.058	.067	.249
%RSD	.0372	1.831	1.409	.6750	1.160	1.366	2.514
#1	Q4.441	5.224	4.893	4.642	4.988	4.880	9.723
#2	Q4.438	5.361	4.992	4.687	5.070	4.975	10.08
Errors	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	5.000	5.000	5.000	5.000	5.000	10.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.328	5.177	Q8.657	5.201	Q8.166	Q7.692	5.119
SDev	.106	.093	.049	.094	.019	.184	.080
%RSD	1.993	1.788	.5703	1.807	.2334	2.391	1.564
#1	5.253	5.112	Q8.622	5.134	Q8.179	Q7.822	5.063
#2	5.403	5.243	Q8.692	5.267	Q8.152	Q7.562	5.176
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Fail	QC Fail	QC Pass
Value	5.000	5.000	10.00	5.000	10.00	10.00	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q4.307	4.783	Q4.400	4.830	4.669	4.530
SDev	.025	.077	.042	.029	.088	.061
%RSD	.5824	1.610	.9542	.5908	1.879	1.351
#1	Q4.289	4.728	Q4.370	4.810	4.607	Q4.487
#2	Q4.325	4.837	Q4.430	4.851	4.731	4.574
Errors	QC Fail	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00

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Method: ICP1 Sample Name: CCB Operator: DOC
Run Time: 01/30/96 21:07:41
Comment: SET 1719 (263/286/248)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0005	.0008	.0006	.0048	.0308	-.0003	.0164
SDev	.0025	.0002	.0007	.0003	.0041	.0131	.0022
%RSD	492.2	23.60	120.2	6.742	13.17	4619.	13.47
#1	.0023	.0009	.0011	.0051	.0337	.0090	.0148
#2	-.0013	.0006	.0001	.0046	.0279	-.0095	.0180
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0051	.0009	.0001	-.0055	.0234	.0004	.0272
SDev	.0007	.0024	.0004	.0144	.0017	.0002	.0007
%RSD	12.85	262.6	302.5	262.1	7.221	39.77	2.612
#1	.0047	.0026	.0004	-.0157	.0222	.0006	.0277
#2	.0056	-.0008	-.0002	.0047	.0246	.0003	.0267
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0034	.0060	.0132	-.0004	.0674	.0182	.0000
SDev	.0000	.0032	.0181	.0001	.0191	.0061	.0015
%RSD	.0164	52.62	137.2	15.64	28.28	33.67	6307.
#1	.0034	.0038	.0004	-.0003	.0539	.0139	-.0010
#2	.0034	.0083	.0259	-.0004	.0809	.0225	.0011
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0125	.0037	-.0042	.0006	-.0052	.0008
SDev	.0015	.0010	.0005	.0000	.0074	.0012
%RSD	11.79	25.71	11.79	5.856	142.5	140.7
#1	.0115	.0031	-.0038	.0006	-.0104	.0000
#2	.0136	.0044	-.0045	.0006	.0000	.0016
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000
Range	.1000	.0500	.1000	.0500	.0500	.0500

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Method: ICP1 Sample Name: CCV Operator: DOC
Run Time: 01/30/96 21:46:06
Comment: SET 1720 (187/258/282)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4615	Q4.496	4.930	5.057	4.886	4.567	4.578
SDev	.0153	.070	.097	.166	.141	.137	.122
%RSD	3.317	1.553	1.971	3.285	2.894	2.995	2.655
#1	.4507	Q4.446	4.861	4.939	4.786	Q4.470	Q4.492
#2	.4723	4.545	4.998	5.174	4.986	4.663	4.664
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.5000	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q4.369	5.031	4.704	4.768	5.140	4.723	Q11.19
SDev	.049	.154	.113	.104	.146	.135	1.21
%RSD	1.111	3.068	2.404	2.187	2.838	2.854	10.81
#1	Q4.334	4.922	4.624	4.842	5.037	4.628	Q12.05
#2	Q4.403	5.140	4.784	4.694	5.243	4.818	10.33
Errors	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	5.000	5.000	5.000	5.000	10.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.043	5.461	Q8.718	4.938	Q8.712	Q8.178	4.867
SDev	.158	.401	.048	.135	.093	.160	.132
%RSD	3.132	7.341	.5512	2.731	1.072	1.951	2.713
#1	4.931	Q5.744	Q8.752	4.843	Q8.778	Q8.291	4.774
#2	5.155	5.177	Q8.684	5.034	Q8.646	Q8.065	4.960
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Fail	QC Fail	QC Pass
Value	5.000	5.000	10.00	5.000	10.00	10.00	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q4.396	4.772	4.535	4.657	4.683	4.565
SDev	.086	.139	.036	.091	.139	.113
%RSD	1.963	2.910	.7905	1.955	2.958	2.485
#1	Q4.335	4.674	4.510	4.593	4.585	Q4.485
#2	Q4.457	4.870	4.560	4.722	4.781	4.645
Errors	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00

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Method: ICP1 Sample Name: CCB Operator: DOC
Run Time: 01/30/96 21:51:58
Comment: SET 1720 (187/258/282)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0023	.0026	.0000	.0041	.0256	-.0011	.0207
SDev	.0007	.0004	.0006	.0016	.0306	.0200	.0337
%RSD	30.38	17.28	18320.	39.31	119.5	1792.	162.8
#1	.0028	.0029	-.0004	.0053	.0040	-.0153	-.0031
#2	.0018	.0023	.0004	.0030	.0473	.0130	.0445
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0051	-.0012	.0007	.0185	.0330	.0005	.0292
SDev	.0007	.0038	.0010	.0144	.0306	.0001	.0174
%RSD	12.85	330.0	144.3	77.63	92.70	13.72	59.48
#1	.0047	.0015	-.0000	.0084	.0114	.0004	.0169
#2	.0056	-.0039	.0014	.0287	.0546	.0005	.0414
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0037	.0084	.0168	-.0002	.1779	-.0000	.0028
SDev	.0003	.0030	.0085	.0009	.2134	.0118	.0028
%RSD	8.867	35.43	50.63	572.8	120.0	276800.	99.99
#1	.0034	.0063	.0108	-.0008	.0270	-.0084	.0008
#2	.0039	.0105	.0228	.0005	.3288	.0084	.0047
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0083	.0065	-.0000	.0007	.0099	.0026
SDev	.0029	.0010	.0015	.0003	.0061	.0002
%RSD	35.36	14.89	506e6	41.00	61.51	7.508
#1	.0063	.0058	.0010	.0005	.0056	.0025
#2	.0104	.0071	-.0010	.0010	.0141	.0027
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000
Range	.1000	.0500	.1000	.0500	.0500	.0500

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Method: ICP1 Sample Name: CCV Operator: DOC
Run Time: 01/30/96 22:12:58
Comment: SET 1720 (187/258/282)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4531	Q4.418	4.876	5.052	4.853	Q4.484	4.505
SDev	.0024	.004	.025	.050	.002	.033	.077
%RSD	.5250	.0910	.5159	.9920	.0378	.7362	1.704
#1	.4514	Q4.416	4.858	5.017	4.852	Q4.460	Q4.451
#2	.4548	Q4.421	4.894	5.088	4.855	4.507	4.560
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass
Value	.5000	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q4.314	4.977	4.684	4.766	5.026	4.630	Q12.07
SDev	.018	.056	.027	.126	.021	.037	1.11
%RSD	.4058	1.131	.5844	2.633	.4226	.8099	9.197
#1	Q4.326	4.937	4.664	4.855	5.011	4.604	Q12.86
#2	Q4.302	5.016	4.703	4.678	5.041	4.657	Q11.29
Errors	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	5.000	5.000	5.000	5.000	5.000	5.000	10.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.009	5.301	9.346	4.905	Q8.775	Q8.233	4.835
SDev	.047	.157	.362	.035	.454	.197	.034
%RSD	.9322	2.961	3.872	.7171	5.169	2.396	.7077
#1	4.976	5.412	9.602	4.880	9.096	Q8.373	4.811
#2	5.042	5.190	9.090	4.930	Q8.454	Q8.094	4.859
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Fail	QC Pass
Value	5.000	5.000	10.00	5.000	10.00	10.00	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q4.319	4.739	4.631	4.578	4.654	4.514
SDev	.027	.045	.070	.015	.042	.031
%RSD	.6150	.9397	1.522	.3358	.9042	.6828
#1	Q4.300	4.707	4.681	4.567	4.625	Q4.492
#2	Q4.337	4.770	4.581	4.589	4.684	4.536
Errors	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00

Method: ICP1 Sample Name: CCB Operator: DOC
Run Time: 01/30/96 22:16:28
Comment: SET 1720 (187/258/282)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0016	.0116	Q.0101	Q.0127	.0313	.0074	.0242
SDev	.0011	.0016	.0023	.0019	.0097	.0126	.0000
%RSD	67.68	14.00	23.25	15.43	30.82	169.4	.0000
#1	.0024	.0128	Q.0117	Q.0140	.0245	.0163	.0242
#2	.0008	.0105	Q.0084	Q.0113	.0382	-.0015	.0242
Errors	QC Pass	QC Pass	QC Fail	QC Fail	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0149	.0098	.0106	.0228	.0492	Q.0110	.1994
SDev	.0013	.0071	.0020	.0156	.0042	.0014	.0074
%RSD	8.840	72.57	18.53	68.41	8.469	13.20	3.728
#1	.0159	.0048	.0120	.0118	.0522	Q.0121	.1941
#2	.0140	.0148	.0092	.0338	.0463	Q.0100	Q.2046
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0148	.0434	.0813	.0123	.0108	.0336	.0132
SDev	.0037	.0038	.0090	.0015	.0495	.0010	.0024
%RSD	25.24	8.674	11.07	12.59	459.6	3.043	18.19
#1	.0174	.0407	.0750	.0134	-.0243	.0343	.0149
#2	.0121	.0461	.0877	.0112	.0458	.0329	.0115
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0256	.0148	.0313	.0117	.0059	.0121
SDev	.0111	.0031	.0113	.0017	.0048	.0008
%RSD	43.29	21.13	36.14	14.53	80.13	6.410
#1	.0334	.0170	.0392	.0129	.0026	.0126
#2	.0177	.0126	.0233	.0105	.0093	.0115
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000
Range	.1000	.0500	.1000	.0500	.0500	.0500

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Method: ICP1 Sample Name: CCV Operator: DOC
Run Time: 01/30/96 22:48:54
Comment: SET 1720 (187/258/282)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4576	Q4.437	4.900	5.030	4.841	4.528	4.515
SDev	.0021	.007	.006	.002	.009	.019	.035
%RSD	.4678	.1489	.1311	.0356	.1839	.4112	.7831
#1	.4560	Q4.432	4.896	5.032	4.847	4.515	Q4.490
#2	.4591	Q4.442	4.905	5.029	4.834	4.541	4.540
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.5000	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q4.342	4.984	4.673	4.578	5.082	4.678	9.509
SDev	.016	.012	.001	.019	.030	.000	.035
%RSD	.3652	.2503	.0282	.4058	.5993	.0069	.3630
#1	Q4.331	4.992	4.672	4.565	5.060	4.678	9.534
#2	Q4.353	4.975	4.674	4.592	5.103	4.678	9.485
Errors	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	5.000	5.000	5.000	5.000	5.000	10.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.017	4.887	Q8.443	4.892	9.071	Q8.365	4.823
SDev	.006	.010	.010	.003	.103	.086	.005
%RSD	.1100	.1949	.1129	.0657	1.134	1.022	.1035
#1	5.013	4.894	Q8.436	4.895	Q8.999	Q8.305	4.826
#2	5.021	4.880	Q8.450	4.890	9.144	Q8.426	4.819
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Fail	QC Pass
Value	5.000	5.000	10.00	5.000	10.00	10.00	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q4.365	4.740	4.556	4.593	4.687	4.513
SDev	.015	.007	.015	.006	.007	.002
%RSD	.3381	.1524	.3396	.1328	.1478	.0473
#1	Q4.354	4.735	4.567	4.588	4.683	4.514
#2	Q4.375	4.745	4.545	4.597	4.692	4.511
Errors	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00

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Method: ICP1 Sample Name: CCB Operator: DOC
Run Time: 01/30/96 22:52:24
Comment: SET 1720 (187/258/282)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0016	.0028	.0023	.0053	.0479	.0130	.0184
SDev	.0040	.0002	.0007	.0026	.0169	.0123	.0072
%RSD	253.7	6.432	32.17	49.20	35.35	94.50	39.12
#1	-.0012	.0029	.0028	.0035	.0359	.0218	.0234
#2	.0044	.0027	.0017	.0071	Q.0598	.0043	.0133
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0075	.0033	.0024	.0261	.0324	.0026	.0646
SDev	.0000	.0019	.0002	.0126	.0077	.0002	.0009
%RSD	.0023	58.23	9.233	48.23	23.73	8.222	1.372
#1	.0075	.0046	.0023	.0172	.0378	.0027	.0652
#2	.0075	.0019	.0026	.0349	.0270	.0024	.0640
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0066	.0183	.0360	.0021	.2035	.0043	.0050
SDev	.0026	.0016	.0073	.0001	.2230	.0069	.0004
%RSD	39.03	8.556	20.41	5.220	109.6	160.6	7.660
#1	.0048	.0172	.0412	.0022	.0458	.0092	.0047
#2	.0085	.0194	.0308	.0020	.3611	-.0006	.0053
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0115	.0078	.0417	.0026	.0191	.0049
SDev	.0015	.0014	.0255	.0003	.0070	.0008
%RSD	12.86	18.45	61.28	10.29	36.53	15.70
#1	.0104	.0089	.0597	.0028	.0141	.0055
#2	.0125	.0068	.0236	.0024	.0240	.0044
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000
Range	.1000	.0500	.1000	.0500	.0500	.0500

Method: ICP1 Sample Name: CRI Operator: DOC
Run Time: 01/30/96 22:55:54
Comment: SET 1720 (187/258/282)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0221	.3876	Q.0308	Q.0453	Q.1476	.2224	.2008
SDev	.0000	.0019	.0012	.0013	.0186	.0029	.0022
%RSD	.0097	.4899	3.997	2.874	12.56	1.289	1.101
#1	.0221	.3890	Q.0316	Q.0444	Q.1345	.2244	.2024
#2	.0221	.3863	Q.0299	Q.0462	Q.1607	.2204	.1992
Errors	QC Pass	QC Pass	QC Fail	QC Fail	QC Fail	QC Pass	QC Pass
Value	.0200	.4000	.0100	.0200	.1000	.2000	.2000
Range	20.00	20.00	20.00	20.00	20.00	20.00	20.00

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q.0682	Q.1075	Q.0603	.3954	Q.1750	Q.0286	9.557
SDev	.0013	.0004	.0001	.0041	.0127	.0000	.039
%RSD	1.937	.3387	.1800	1.027	7.268	.1550	.4057
#1	Q.0673	Q.1078	Q.0604	.3926	Q.1660	Q.0286	9.584
#2	Q.0691	Q.1073	Q.0603	.3983	Q.1840	Q.0286	9.529
Errors	QC Fail	QC Fail	QC Fail	QC Pass	QC Fail	QC Fail	QC Pass
Value	.0500	.0800	.0400	.4000	.1200	.0100	10.00
Range	20.00	20.00	20.00	20.00	20.00	20.00	20.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q.1275	Q.3386	8.558	Q.0490	9.391	8.836	Q.1208
SDev	.0013	.0026	.024	.0002	.010	.044	.0004
%RSD	1.018	.7635	.2772	.3403	.1015	.5012	.3110
#1	Q.1265	Q.3404	8.574	Q.0491	9.398	8.867	Q.1205
#2	Q.1284	Q.3368	8.541	Q.0489	9.384	8.804	Q.1211
Errors	QC Fail	QC Fail	QC Pass	QC Fail	QC Pass	QC Pass	QC Fail
Value	.1000	.2000	10.00	.0300	10.00	10.00	.1000
Range	20.00	20.00	20.00	20.00	20.00	20.00	20.00

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.1122	.1176	.2083	.1092	.2318	.1130
SDev	.0022	.0022	.0088	.0005	.0087	.0006
%RSD	1.973	1.842	4.243	.4831	3.740	.5182
#1	.1137	.1161	.2146	.1096	.2379	.1134
#2	.1106	.1191	.2021	.1088	.2256	.1126
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.1000	.1000	.2000	.1000	.2000	.1000
Range	20.00	20.00	20.00	20.00	20.00	20.00

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Method: ICP1 Sample Name: ISA Operator: DOC
Run Time: 01/30/96 22:59:23
Comment: SET 1720 (187/258/282)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.0079	-.0133	-.0061	-.0057	.0483	.1029	.0973
SDev	.0009	.0002	.0001	.0009	.0258	.0309	.0083
%RSD	11.95	1.752	1.602	16.73	53.51	30.05	8.519
#1	-.0085	-.0135	-.0060	-.0050	.0666	.1248	.0914
#2	-.0072	-.0132	-.0061	-.0064	.0300	.0810	.1031
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.0054	-.0028	.0038	467.2	.0480	.0001	467.3
SDev	.0007	.0018	.0006	.6	.0178	.0000	4.1
%RSD	12.04	64.28	15.01	.1297	37.18	21.57	.8828
#1	-.0059	-.0041	.0042	466.8	.0354	.0001	470.2
#2	-.0050	-.0015	.0034	467.6	.0606	.0001	464.4
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass
Value				500.0			500.0
Range				20.00			20.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	ppm	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0008	198.5	425.4	.0013	-.0539	-.0907	-.0217
SDev	.0016	1.1	.9	.0003	.0762	.0052	.0036
%RSD	207.0	.5370	.2027	20.72	141.4	5.776	16.79
#1	.0019	199.2	426.1	.0014	.0000	-.0944	-.0191
#2	-.0004	197.7	424.8	.0011	-.1078	-.0870	-.0243
Errors	NOCHECK	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value		200.0	500.0				
Range		20.00	20.00				

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.0297	.0129	.0229	-.2242	-.0507	-.0344
SDev	.0125	.0092	.0074	.0018	.0230	.0009
%RSD	42.18	70.71	32.14	.8166	45.33	2.722
#1	-.0209	.0194	.0281	-.2254	-.0669	-.0338
#2	-.0386	.0065	.0177	-.2229	-.0344	-.0351
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value						
Range						

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Method: ICP1 Sample Name: ISB Operator: DOC
Run Time: 01/30/96 23:02:52
Comment: SET 1720 (187/258/282)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.083	.4130	1.049	.4804	1.025	.0486	.0480
SDev	.001	.0008	.009	.0036	.026	.0198	.0293
%RSD	.0719	.1835	.8526	.7429	2.522	40.73	60.94
#1	1.083	.4136	1.056	.4829	1.043	.0346	.0273
#2	1.082	.4125	1.043	.4779	1.007	.0626	.0688
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	1.000	.5000	1.000	.5000	1.000		
Range	20.00	20.00	20.00	20.00	20.00		

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4696	.9565	.9673	452.7	.0121	.4409	453.3
SDev	.0003	.0055	.0018	.6	.0086	.0012	1.6
%RSD	.0687	.5712	.1884	.1243	70.73	.2667	.3580
#1	.4694	.9526	.9685	452.3	.0061	.4417	454.5
#2	.4698	.9604	.9660	453.1	.0182	.4400	452.2
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.5000	1.000	1.000	500.0		.5000	500.0
Range	20.00	20.00	20.00	20.00		20.00	20.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	ppm	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4762	192.6	411.2	.4749	-.0270	-.0823	.4521
SDev	.0036	.5	.1	.0006	.0343	.0022	.0000
%RSD	.7447	.2383	.0146	.1355	127.3	2.690	.0011
#1	.4787	192.9	411.2	.4753	-.0512	-.0808	.4521
#2	.4737	192.3	411.1	.4744	-.0027	-.0839	.4521
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass
Value	.5000	200.0	500.0	.5000			.5000
Range	20.00	20.00	20.00	20.00			20.00

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.0230	.0148	.0181	-.2174	-.0411	-.0339
SDev	.0015	.0099	.0044	.0007	.0326	.0004
%RSD	6.428	66.65	24.48	.3223	79.33	1.231
#1	-.0240	.0218	.0212	-.2179	-.0180	-.0336
#2	-.0219	.0078	.0149	-.2169	-.0641	-.0342
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value						
Range						

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Method: ICP1 Sample Name: CCV Operator: DOC
Run Time: 01/30/96 23:06:22
Comment: SET 1720 (187/258/282)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.4596	Q4.430	4.941	5.148	4.912	4.551	4.557
SDev	.0002	.010	.015	.035	.020	.029	.011
%RSD	.0343	.2246	.3115	.6795	.4088	.6270	.2303
#1	.4597	Q4.437	4.952	5.173	4.926	4.571	4.549
#2	.4595	Q4.423	4.930	5.124	4.898	4.531	4.564
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.5000	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q4.301	5.079	4.725	4.787	5.095	4.704	10.01
SDev	.000	.028	.013	.051	.012	.028	.13
%RSD	.0077	.5594	.2651	1.065	.2316	.5879	1.307
#1	Q4.301	5.099	4.734	4.823	5.103	4.724	10.10
#2	Q4.301	5.059	4.716	4.751	5.086	4.684	9.914
Errors	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	5.000	5.000	5.000	5.000	5.000	10.00
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	5.093	5.077	Q8.622	4.975	Q8.413	Q8.012	4.893
SDev	.026	.041	.108	.024	.406	.125	.023
%RSD	.5188	.8169	1.250	.4832	4.825	1.557	.4788
#1	5.112	5.106	Q8.698	4.992	Q8.125	Q7.924	4.909
#2	5.075	5.048	Q8.546	4.958	Q8.700	Q8.100	4.876
Errors	QC Pass	QC Pass	QC Fail	QC Pass	QC Fail	QC Fail	QC Pass
Value	5.000	5.000	10.00	5.000	10.00	10.00	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00	10.00

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	Q4.350	4.815	4.550	4.598	4.738	4.567
SDev	.018	.013	.039	.010	.025	.023
%RSD	.4071	.2799	.8634	.2172	.5376	.5003
#1	Q4.362	4.825	4.578	4.605	4.756	4.584
#2	Q4.337	4.805	4.522	4.591	4.720	4.551
Errors	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	5.000	5.000	5.000	5.000	5.000	5.000
Range	10.00	10.00	10.00	10.00	10.00	10.00

Analysis Report QC Standard Tue 01-30-96 11:13:19 PM page

Method: ICP1 Sample Name: CCB Operator: DOC
Run Time: 01/30/96 23:09:53
Comment: SET 1720 (187/258/282)
Mode: CONC Corr. Factor: 1

Elem	Ag	Ba	Cd	Cr	Pb	As	Se
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.0007	.0022	.0039	.0023	.0211	-.0052	.0199
SDev	.0000	.0002	.0005	.0003	.0129	.0083	.0050
%RSD	.5453	8.312	13.00	14.14	61.29	158.9	24.96
#1	-.0007	.0023	.0043	.0025	.0302	-.0111	.0164
#2	-.0007	.0020	.0036	.0021	.0119	.0006	.0234
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0100	.0500	.0050	.0100	.0500	.1000	.1000

Elem	Cu	Ni	Zn	Al	Sb	Be	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0054	.0040	.0020	.0175	.0288	.0021	.0605
SDev	.0003	.0013	.0001	.0063	.0076	.0004	.0096
%RSD	6.151	31.93	5.024	36.08	26.53	19.41	15.81
#1	.0056	.0049	.0021	.0130	.0342	.0024	.0672
#2	.0051	.0031	.0020	.0219	.0234	.0019	.0537
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0250	.0300	.0200	.1000	.0600	.0050	.2000

Elem	Co	Fe	Mg	Mn	K	Na	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0018	.0174	.0160	.0016	-.2951	.0107	.0035
SDev	.0003	.0038	.0153	.0005	.2192	.0094	.0006
%RSD	17.67	21.71	95.33	31.04	74.26	87.97	15.71
#1	.0021	.0200	.0268	.0020	-.1401	.0173	.0039
#2	.0016	.0147	.0052	.0013	-.4501	.0040	.0031
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Range	.0500	.0500	.2000	.0150	1.000	.2000	.0500

Elem	B	Mo	Si	Sr	Sn	Ti
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.0073	.0043	.0405	.0022	.0123	.0026
SDev	.0074	.0002	.0287	.0003	.0009	.0006
%RSD	101.0	5.657	71.01	15.19	7.038	22.32
#1	.0125	.0044	.0608	.0024	.0117	.0030
#2	.0021	.0041	.0201	.0020	.0129	.0022
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000	.0000	.0000	.0000	.0000	.0000
Range	.1000	.0500	.1000	.0500	.0500	.0500

IEA Corporation — Mercury Analysis Log — Doc# MEL00200.IL

Date: 10/21/95

Preparation Batch #(s): 0145, 0147

Analysis Date: 1/30/96

Analysed By: CW/KS

CALIBRATION DATE: 8-28-95

Concentration (mg/L)	Peak Height
0.0000	1027
0.0002	11268
0.0005	28742
0.0010	53070
0.0020	103527
0.0030	144732
0.0050	219653

Correlation Coefficient: 0.997

Slope: 2.3×10^{-8}

Y- Intercept: 1.34×10^{-4}

Calibration STD Traceablility #: WS0198M

Calibration QC Traceablility #: ~~WS0192~~ WS0200M 197a

RUN #	Sample ID	Dil Factor	Matrix	Peak Height	Final Conc (mg/L)	% Rec / RPD
1	I/CCV-1SS			131393	0.00282	113%
2	I/CCB 1-SS			3751	<0.0002	
3	PB-0145		S	1490	<0.0002	
4	960185001			3421	<0.0002	
5	960185001MS			133865	0.00288	144%
6	960185001MD			132344	0.00284	142%/1.4%
7	960185002			4409	<0.0002	
8	960185003			1934	<0.0002	
9	960185004			3401	<0.0002	
10	960185005			3245	<0.0002	
11	960185006			2579	~~<0.002~~ <0.0002	
12	960185007			1863	~~<0.002~~ <0.0002	
13	I/CCV-01TT			126535	0.00271	109%
14	I/CCB -01TT			2917	<0.0002	
15	960185008			5326	<0.0002	
16	960185009			3052	<0.0002	
17	960185010			3489	<0.0002	
18	960185011			2555	<0.0002	
19	960185012			3545	<0.0002	
20	960185013			3473	<0.0002	
21	960185014			3159	<0.0002	
22	960185015			3896	<0.0002	
23	960185016			1909	<0.0002	
24	960185017			3537	<0.0002	

IEA Corporation | Mercury Analysis Log | Doc# MEL00200.IL

Date: 10/21/95

RUN #	Sample ID	Dil Factor	Matrix	Peak Height	Final Conc (mg/L)	% Rec / RPD
25	I/CCV -01UU			133515	0.00287	115%
26	I/CCB 01UU			3023	<0.0002	
27	960185018		S	4150	<0.0002	
28	960185019		↓	3890	<0.0002	
29	I/CCV 01VV			136368	0.00293	117%
30	I/CCB 01VV			4307	<0.0002	
	I/CCV					
	I/CCB					
	I/CCV					
	I/CCB					

TU 1/30/96

IEA Corporation — Mercury Analysis Log — Doc# MEL00200.IL

Date: 10/21/95

Preparation Batch #(s): _____ Analysis Date: _____

_____ Analysed By: _____

CALIBRATION DATE: _____

Concentration (mg/L)	Peak Height
0.0000	_____
0.0002	_____
0.0005	_____
0.0010	_____
0.0020	_____
0.0030	_____
0.0050	_____

Correlation Coefficient: _____

Slope: _____

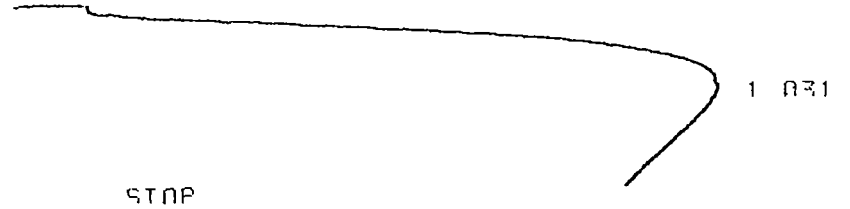
Y- Intercept: _____

Calibration STD Traceablility #: _____

Calibration QC Traceablility #: 30C

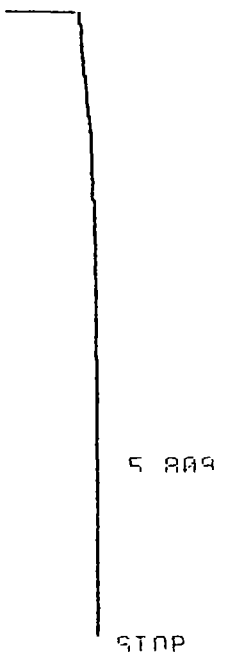
RUN #	Sample ID	Dil Factor	Matrix	Peak Height	Final Conc (mg/L)	% Rec / RPD
31	I/CCV01WW		TC	120909	0.00259	104%
32	I/CCB 01WW			1626	<0.0002	
33	9602362630 01			729	<0.0002	
34	I/CCV 01XX			104698	0.00222	89%
35	I/CCB 01XX			875	<0.0002	
36	EB-			1318	<0.0002	
37	9602630 01MS			112813	0.00240	
38	+ MD			114787	0.00245	
39	I/CCV 01YY			108336	0.00230	
40	I/CCB 01YY			1144	<0.0002	92%
	I/CCV					
	I/CCB					

```
*SET RUNNUM 1

+  RUN #     1       JAN 30, 1996  11:03:32
START
```



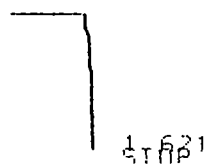

```
        STOP


RUN#      1            JAN 30, 1996  11:03:32

NORM-HEIGHT
      RT TYPE      HEIGHT  WIDTH CAL #      AMOUNT   NAME
   1 031 T BH      131393  1 941    1      100 000   0 000

TOTAL HEIGHT= 131393
MIN FACTOR=1 0000E+00
```

```
*  RUN #     2      JAN 30, 1996  11:07:45
START
```




```
RUN#      2            JAN 30, 1996  11:07:45

NO CALIB PEAKS FOUND
HEIGHT%
       RT     HEIGHT TYPE  WIDTH    HEIGHT%
   5.809       3751 T PH  6.611   100.00000

TOTAL HEIGHT=    3751
MIN FACTOR=1.0000E+00
```

+ RUN # 3 JAN 30, 1996 11:16:36
START



RUN# 3 JAN 30, 1996 11:16:36

NO CALIB PEAKS FOUND
HEIGHT%

RT	HEIGHT	TYPE	WIDTH	HEIGHT%
1.621	1490	T BH	1.301	100.00000

TOTAL HEIGHT= 1490
MIN FACTOR=1.0000E+00

RUN # 3-002

* RUN # 4 JAN 30, 1996 11:19:10

START

RUN# 4 JAN 30, 1996 11:19:10

NO CALIB PEAKS FOUND

HEIGHT%

RT	HEIGHT	TYPE	WIDTH	HEIGHT%
1.814	3421	I BH	1.531	100.00000

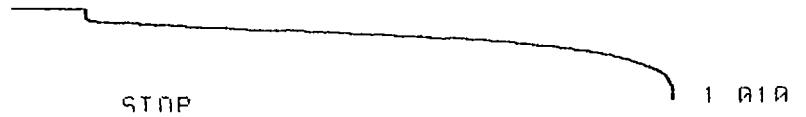
TOTAL HEIGHT= 3421

MUL FACTOR=1.0000E+00

```
+  RUN #     5      JAN 30, 1996  11:22:25
START
 ___________________________________________
                                            ) 1 085
      STOP


RUN#      5            JAN 30, 1996  11:22:25

NORM-HEIGHT
       RT TYPE      HEIGHT  WIDTH CAL#      AMOUNT  NAME
   1 085 T BH      133865    991   5      100 000

TOTAL HEIGHT= 133865
MUL FACTOR=1 0000E+00
```

RUN # 5-002

```
*  RUN #     6      JAN 30, 1996  11:26:03
START
```

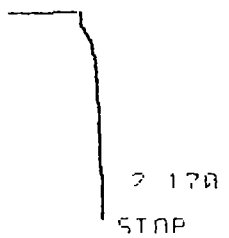



```
RUN#      6            JAN 30, 1996  11:26:03

NORM-WEIGHT
       RT TYPE      WEIGHT  WIDTH CAL #      AMOUNT   NAME
    1 010 T BW      132344    809    1      100 000   0 000

TOTAL WEIGHT= 132344
MIN FACTOR=1 0000E+00
```

RUN # 6-002

* RUN # 7 JAN 30, 1996 11:30:02

START



RUN# 7 JAN 30, 1996 11:30:02

NO CALIB PEAKS FOUND

HEIGHT%

RT	HEIGHT	TYPE	WIDTH	HEIGHT%
7 170	4409	BV	1 856	100 00000

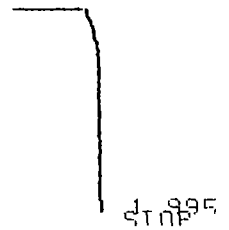
TOTAL HEIGHT= 4409

MIN FACTOR=1 0000E+00

RUN # 7-002

* RUN # 8 JAN 30, 1996 11:33:52

START



RUN# 8 JAN 30, 1996 11:33:52

NO CALIB PEAKS FOUND

HEIGHT%

	RT	HEIGHT	TYPE	WIDTH	HEIGHT%
1	995	1934	T BH	2 257	100 00000

TOTAL HEIGHT= 1934

MIN FACTOR=1 0000E+00

RUN # 8-002

+ RUN # 9 JAN 30, 1996 11:36:54
START

RUN# 9 JAN 30, 1996 11:36:54

NORM-HEIGHT

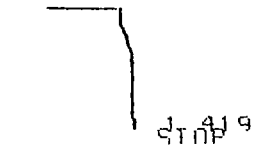
	RT	TYPE	HEIGHT	WIDTH	CAL #	AMOUNT	NAME
1	362	T BH	2401	1.098	3	100.000	CAL 3

TOTAL HEIGHT= 2401
MIN FACTOR=1.0000E+00

RUN # 9-002

* RUN # 10 JAN 30, 1996 11:38:51

START



RUN# 10 JAN 30, 1996 11:38:51

NORM-HEIGHT

	RT	TYPE	HEIGHT	UTOTH	CAL #	AMOUNT	NAME
1	419	T BH	3245	1 218	3	100 000	CAL 3

TOTAL HEIGHT= 3245

NUM FACTOR=1 0000E+00

* RUN # 11 JAN 30, 1996 11:40:56

START

RUN# 11 JAN 30, 1996 11:40:56

NO CALIB PEAKS FOUND

HEIGHT%

RT	HEIGHT	TYPE	WIDTH	HEIGHT%
1.508	2579	T BH	1.394	100.00000

TOTAL HEIGHT= 2579

MUL FACTOR=1.0000E+00

RUN # 11-002

+ RUN # 12 JAN 30, 1996 11:43:15

START

RUN# 12 JAN 30, 1996 11:43:15

NO CALIB PEAKS FOUND

HEIGHT%

RT	HEIGHT	TYPE	WIDTH	HEIGHT%
1.651	1863	T BH	1.274	100.00000

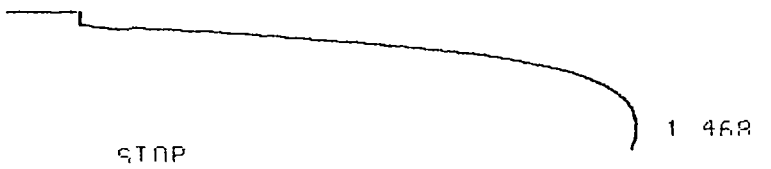
TOTAL HEIGHT= 1863

MIN FACTOR=1.0000E+00

RUN # 12-002

* RUN # 13 JAN 30, 1996 11:45:25

START



RUN# 13 JAN 30, 1996 11:45:25

NO CALTA PEAKS FOUND

HEIGHT%

RT	HEIGHT	TYPE	WIDTH	HEIGHT%
1 468	126535	T BH	1 369	100 00000

TOTAL HEIGHT= 126535

MIN FACTOR=1 0000E+00

RUN # 13-002

* RUN # 14 JAN 30, 1996 11:47:54
START

1 257

STOP

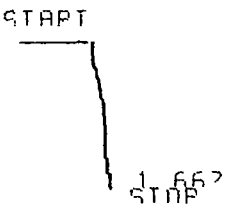
RUN# 14 JAN 30, 1996 11:47:54

NORM-HEIGHT

	RT	TYPE	HEIGHT	WIDTH	CAL #	AMOUNT	NAME
1	257	T BH	2917	1 670	4	100 000	CAL 4

TOTAL HEIGHT= 2917
MIN FACTOR=1 0000E+00

+ RUN # 15 JAN 30, 1996 11:50:24



RUN# 15 JAN 30, 1996 11:50:24

NO CALIB PEAKS FOUND

HEIGHT%

RT	HEIGHT	TYPE	WIDTH	HEIGHT%
1.662	3326	T BH	1.394	100.00000

TOTAL HEIGHT= 3326

MIN FACTOR=1.0000E+00

RUN # 15-002

+ RUN # 16 JAN 30, 1996 11:52:43

START

RUN# 16 JAN 30, 1996 11:52:43

NO CALIB PEAKS FOUND

HEIGHT%

RT	HEIGHT	TYPE	WIDTH	HEIGHT%
1 720	3252	T BH	1 650	100 00000

TOTAL HEIGHT= 3252

MIN FACTOR=1 0000E+00

RUN # 16-002

+ RUN # 17 JAN 30, 1996 11:55:16
START

RUN# 17 JAN 30, 1996 11:55:16

NO CALIB PEAKS FOUND
HEIGHT%

	RT	HEIGHT	TYPE	WIDTH	HEIGHT%
1	5.22	3489	T BH	1.220	100.00000

TOTAL HEIGHT= 3489
MW FACTOR=1.0000E+00

RUN # 17-002

```
*  RUN #    18       JAN 30, 1996  11:57:20
START
 ------
       |
       |
       |
       |
       |  1 270
       |  STOP


RUN#     18            JAN 30, 1996  11:57:20

NORM-WEIGHT
      RT TYPE      WEIGHT  WIDTH CAL #      AMOUNT   NAME
   1 270 T BH        2555  1 233   4      100 000  CAL  4

TOTAL WEIGHT=    2555
NUM FACTOR=1 0000E+00
```

+ RUN # 19 JAN 30, 1996 11:59:22
START

RUN# 19 JAN 30, 1996 11:59:22

NORM-HEIGHT

	RT	TYPE	HEIGHT	WIDTH	CAL #	AMOUNT	NAME
1	365	T BH	3545	1 147	3	100 000	CAL 3

TOTAL HEIGHT= 3545
MIN FACTOR=1 0000E+00

RUN # 19-002

+ RUN # 20 JAN 30, 1996 12:01:21
START

RUN# 20 JAN 30, 1996 12:01:21

NORM-HEIGHT

	RT	TYPE	HEIGHT	WIDTH	CAL #	AMOUNT	NAME
1	361	T BH	3473	1 141	3	100 000	CAL 3

TOTAL HEIGHT= 3473
MIN FACTOR=1 0000E+00

RUN # 20-002

+ RUN # 21 JAN 30, 1996 12:03:17
START

RUN# 21 JAN 30, 1996 12:03:17

NO CALIB PEAKS FOUND
HEIGHT%

RT	HEIGHT	TYPE	WIDTH	HEIGHT%
1.535	3159	T BH	1.283	100.00000

TOTAL HEIGHT= 3159
MW FACTOR=1.0000E+00

RUN # 21-002

* RUN # 22 JAN 30, 1996 12:05:22
START

RUN# 22 JAN 30, 1996 12:05:22

NORM-HEIGHT

	RT	TYPE	HEIGHT	LITOTH	CAL #	AMOUNT	NAME
1	420	T BH	2896	1 120	3	100 000	CAL 3

TOTAL HEIGHT= 2896
MIN FACTOR=1 0000E+00

RUN # 22-002

* RUN # 23 JAN 30, 1996 12:07:18
START

RUN# 23 JAN 30, 1996 12:07:18

NO CALIB PEAKS FOUND
HEIGHT%

	RT	HEIGHT	TYPE	WIDTH	HEIGHT%
1	500	1909	T BH	1 279	100 00000

TOTAL HEIGHT= 1909
NOM FACTOR=1 0000E+00

RUN # 23-002

* RUN # 24 JAN 30, 1996 12:09:23

START

RUN# 24 JAN 30, 1996 12:09:23

NO CALIB PEAKS FOUND

HEIGHT%

RT	HEIGHT	TYPE	WIDTH	HEIGHT%
1.690	2537	T BH	1.425	100.00000

TOTAL HEIGHT= 2537

MIN FACTOR=1.00000E+00

RUN # 24-002

```
*  RUN #    25      JAN 30, 1996  12:11:36
START
```

```
        STOP                                    1 322
```

```
RUN#     25            JAN 30, 1996  12:11:36

NORM-HEIGHT
       RT TYPE      HEIGHT  WIDTH CAL #      AMOUNT   NAME
    1 322 T BH      133515  1 065   3      100 000   CAL 3

TOTAL HEIGHT= 133515
MIN FACTOR=1 0000E+00
```

```
 RUN #    25-002
```

* RUN # 26 JAN 30, 1996 12:13:26
START

RUN# 26 JAN 30, 1996 12:13:26

NORM-HEIGHT

RT	TYPE	HEIGHT	WIDTH	CAL #	AMOUNT	NAME
988	T BH	3023	870	1	100.000	0.000

TOTAL HEIGHT= 3023
MIN FACTOR=1.0000E+00

RUN # 26-002

* RUN # 27 JAN 30, 1996 12:14:59
START

RUN# 27 JAN 30, 1996 12:14:59

NO CALIB PEAKS FOUND
HEIGHT%

RT	HEIGHT	TYPE	WIDTH	HEIGHT%
1.650	4150	T BH	1.395	100.00000

TOTAL HEIGHT= 4150
MIN FACTOR=1.0000E+00

RUN # 27-002

+ RUN # 28 JAN 30, 1996 12:17:16
START

RUN# 28 JAN 30, 1996 12:17:16

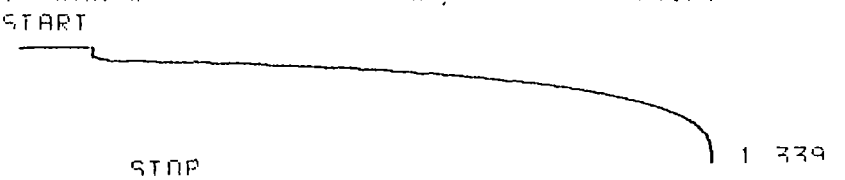
NO CALIB PEAKS FOUND
HEIGHT%

	RT	HEIGHT	TYPE	WIDTH	HEIGHT%
1	620	3890	T BH	1 375	100 00000

TOTAL HEIGHT= 3890
MIN FACTOR=1 0000E+00

RUN # 28-002

```
*  RUN #    29      JAN 30, 1996  12:19:27
START
```




```
RUN#     29            JAN 30, 1996  12:19:27

NORM-HEIGHT
       RT TYPE      HEIGHT  WIDTH CAL #      AMOUNT   NAME
   1 339 T BH      136368  1 124    3      100 000   CAL 3

TOTAL HEIGHT= 136368
MIN FACTOR=1 0000E+00
```

RUN # 29-002

```
*  RUN #    30       JAN 30, 1996   12:21:20
START
 ------
        |  0.825
        |
        STOP


RUN#     30            JAN 30, 1996   12:21:20

NO CALIB PEAKS FOUND
HEIGHT%
      RT     HEIGHT TYPE  WIDTH     HEIGHT%
     .825       4307 T BH  1.056   100.00000

TOTAL HEIGHT=    4307
MUL FACTOR=1.0000E+00
```

START

STOP 0 997

RUN# 31 JAN 30, 1996 17:52:24

NORM-HEIGHT

RT	TYPE	HEIGHT	WIDTH	CAL #	AMOUNT	NAME
997	T BH	120909	819	1	100 000	0 000

TOTAL HEIGHT= 120909
MIN FACTOR=1 0000E+00

```
+  RUN #    32       JAN 30, 1996  17:53:54
START
```

```
RUN#     32            JAN 30, 1996  17:53:54

NO DATA PEAKS FOUND
HEIGHT%
       RT     HEIGHT TYPE  WIDTH     HEIGHT%
      421       1626 T BH 24 455  100 00000

TOTAL HEIGHT=    1626
MIN FACTOR=1 0000E+00
```

```
*  RUN #    33       JAN 30, 1996  17:55:51
START
 ___
|
|   A 546
|
|
|
|   STOP
```

```
RUN#     33            JAN 30, 1996  17:55:51

NO CALIB PEAKS FOUND
HEIGHT%
       RT     HEIGHT TYPE  WIDTH     HEIGHT%
      546        229 T BP    997  100.00000

TOTAL HEIGHT=     229
MIN FACTOR=1.0000E+00
```

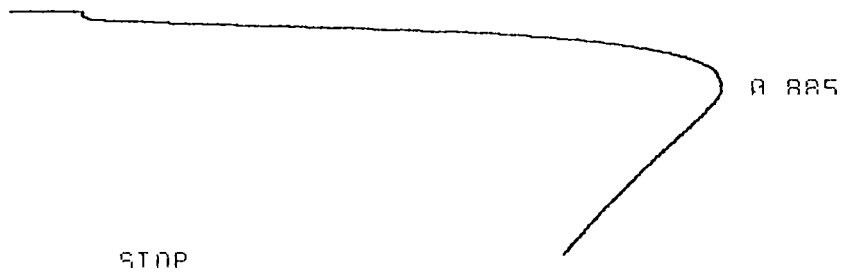
```
*  RUN #    34      JAN 30, 1996  17:58:13
START
                                          0.992
      STOP


RUN#     34            JAN 30, 1996  17:58:13

NORM-HEIGHT
      PT  TYPE      HEIGHT   WIDTH  CAL #      AMOUNT   NAME
     992  I PH      104698     748    1       100.000   0.000

TOTAL  HEIGHT= 104698
MUL  FACTOR=1.0000E+00
```

RUN # 34-002

```
* RUN #    35      JAN 30, 1996  17:59:44
START
        B 412

        STOP


RUN#    35          JAN 30, 1996  17:59:44

NO CALIB PEAKS FOUND
HEIGHT%
      RT     HEIGHT TYPE  WIDTH    HEIGHT%
     412        875 T BP  1 153  100 00000

TOTAL HEIGHT=     875
MUL FACTOR=1 0000E+00
```

```
+  RUN #    36       JAN 30, 1996  18:02:13
START
 ------┐
       │ 0.666
       STOP


RUN#     36            JAN 30, 1996  18:02:13

NO CALIB PEAKS FOUND
HEIGHT%
      RT     HEIGHT TYPE  WIDTH    HEIGHT%
     666       1318 T BH    675  100.00000

TOTAL HEIGHT=    1318
MIN FACTOR=1.0000E+00
```

+ RUN # 37 JAN 30, 1996 18:03:34
START



RUN# 37 JAN 30, 1996 18:03:34

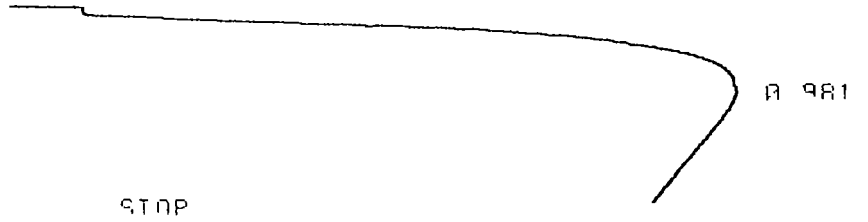
NO CALIB PEAKS FOUND
HEIGHT%

RT	HEIGHT	TYPE	WIDTH	HEIGHT%
.885	112813	T BH	2.551	100.00000

TOTAL HEIGHT= 112813
MUL FACTOR=1.0000E+00

RUN # 37-002

+ RUN # 38 JAN 30, 1996 18:07:05
START



STOP

RUN# 38 JAN 30, 1996 18:07:05

NORM-HEIGHT

RT	TYPE	HEIGHT	WIDTH	FAI #	AMOUNT	NAME
981	T BH	114787	2.094	1	100.000	A.000

TOTAL HEIGHT= 114787
MIN FACTOR=1.0000E+00

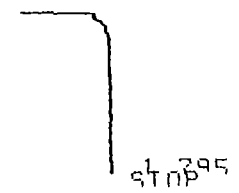
RUN # 38-002

```
+  RUN #    39      JAN 30, 1996  18:10:01
START
                                                  1 029
       STOP


RUN#     39            JAN 30, 1996  18:10:01

NORM-WEIGHT
       RT TYPE      WEIGHT   WIDTH CAL #      AMOUNT   NAME
    1 029 T PH      108336     790    1      100 000   0 000

TOTAL WEIGHT= 108336
MIN FACTOR=1 0000E+00
```

RUN # 39-002

* RUN # 40 JAN 30, 1996 18:11:33

START



RUN# 40 JAN 30, 1996 18:11:33

NO CALIB PEAKS FOUND

HEIGHTY

	RT	HEIGHT	TYPE	WIDTH	HEIGHTY
1	795	1144	T BH	1 675	100 00000

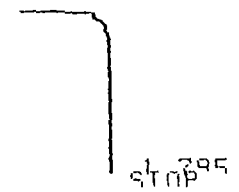
TOTAL HEIGHT= 1144

MUL FACTOR=1 0000E+00

RUN # 40-002

* RUN # 40 JAN 30, 1996 18:11:33

START



RUN# 40 JAN 30, 1996 18:11:33

NO CALIB PEAKS FOUND

HEIGHTS

R1	HEIGHT	TYPE	WIDTH	HEIGHT%
1.795	1144	T BH	1.675	100.00000

TOTAL HEIGHT= 1144

MUL FACTOR=1.0000E+00

RUN # 40-002

Client: Ecology & Env.
IEA Job#: CH960263
Project #: TDD-9601-805
Matrix: Soil

Quality Control Summary

Laboratory Control Samples (mg/L)

Analyte	LCS ID	Known Conc. (mg/L)	Measured Conc. (mg/L)	Percent Recovery
Total Cyanide	CN Low	0.050	0 0457	91.4
Control Limit				85 - 115%

Duplicates (mg/Kg-Dry Weight)

Analyte	Sample ID	Sample Result	Duplicate Result	Percent RPD
Total Cyanide	960263001	0.24	0.19	23.3
Control Limit		No criteria, both results less than 5 times the PQL.		

Matrix Spikes (mg/Kg-Dry Weight)

Analyte	Sample ID	Spike Added	Sample Result	Spike Result	Percent Recovery
Total Cyanide	960263001	5.75	0.24	6.16	103.0
Control Limit					75 - 125%

Cyanide 1/30/96

==========

QuikChem AE Postrun Report for Tray 96013001.RS
Method: CYANIDE 0.001-0.500 MG/L

960232
960237
960237 WAD

This report prepared on 01/30/96 01:12 pm
This tray was run on 01/30/96 01:10 pm
Operator: Tray Template: Default

==========

-- Calibration now in effect (96013001) was done on 01/30/96 08:45 am

-- Page 1 of report for tray 96013001.RS ----------

Cup#	Sample ID		1 CYANIDE mg/L	
101	ICV		0.2728	
		rep 1	0.2737	109% rec.
		rep 2	0.2718	
102	ICB		-0.0021	
		rep 1	-0.0022	< 0.005
		rep 2	-0.0021	
103	PB 1/26/96		-0.0017	
		rep 1	-0.0023	
		rep 2	-0.0011	
104	PB 1/28/96		-0.0028	
		rep 1	-0.0030	
		rep 2	-0.0026	
105	PB WAD 1/28		-0.0017	
		rep 1	-0.0016	
		rep 2	-0.0017	
106	LOW		0.0422	
		rep 1	~~0.0420~~	rerun
		rep 2	0.0423	
107	960232001		-0.0019	
		rep 1	-0.0024	
		rep 2	-0.0015	
108	960232002		-0.0018	
		rep 1	-0.0014	
		rep 2	-0.0022	
109	960232003		-0.0003	
		rep 1	-0.0005	
		rep 2	-0.0001	> 0% RPD
110	960232003DUP		-0.0011	
		rep 1	-0.0008	
		rep 2	-0.0014	

) Concentration was significantly greater than the high standard's concentration.
(Concentration was significantly less than the lowest non-zero standard's concentration.
(If the sample was diluted, its diluted concentration is less than the lowest non-zero standard's.

Report for tray 96013001.RS continued on next page . . .

Cup#	Sample ID		1 CYANIDE mg/L	
111	960232003MS		0.2223	111% rec.
		rep 1	0.2247	
		rep 2	0.2198	
112	960232004		-0.0020	
		rep 1	-0.0021	108.7% rec.
		rep 2	-0.0020	
113	CCV		0.2717	
		rep 1	0.2723	
		rep 2	0.2710	
114	CCB		-0.0023	< 0.005
		rep 1	-0.0027	
		rep 2	-0.0018	
115	960232005		-0.0016	
		rep 1	-0.0014	
		rep 2	-0.0019	
116	960232006 10.0g		0.0164	
		rep 1	0.0164	
		rep 2	0.0163	
117	960232007 10.0g		-0.0011	
		rep 1	-0.0019	
		rep 2	-0.0002	
118	960232010 10.0g		-0.0006	
		rep 1	-0.0008	
		rep 2	-0.0005	
119	960232018 10.0g		0.0046	
		rep 1	0.0049	
		rep 2	0.0043	
120	960232019 10.0g		-0.0006	
		rep 1	-0.0008	
		rep 2	-0.0005	
121	960233001 WAD 10.0g		-0.0013	
		rep 1	-0.0015	
		rep 2	-0.0011	
122	960233001 10.0g		-0.0017	
		rep 1	-0.0018	
		rep 2	-0.0016	> 0% RPD
123	960233001 10.0g DUP		-0.0016	
		rep 1	-0.0015	
		rep 2	-0.0017	
124	960233002 WAD 10.0g		-0.0014	
		rep 1	-0.0015	
		rep 2	-0.0014	

) Concentration was significantly greater than the high standard's concentration.
(Concentration was significantly less than the lowest non-zero standard's concentration.
(If the sample was diluted, its diluted concentration is less than the lowest non-zero standard's.

Report for tray 96013001.RS continued on next page . . .

Cup#	Sample ID		1 CYANIDE mg/L	
125	CCV		0.2749	110% rec.
		rep 1	0.2750	
		rep 2	0.2747	
126	CCB		-0.0020	< 0.005
		rep 1	-0.0023	
		rep 2	-0.0017	
127	960233002 10.0g		0.0608	
		rep 1	0.0608	
		rep 2	0.0608	
128	960233004 WAD 10.0g		-0.0019	
		rep 1	-0.0018	
		rep 2	-0.0019	> 0% RPD
129	960233004 WAD 10.0g DUP		-0.0010	
		rep 1	-0.0001	
		rep 2	-0.0019	
130	960233004 10.0g		-0.0017	
		rep 1	-0.0018	
		rep 2	-0.0017	
131	960233005 10.0g		0.0054	
		rep 1	0.0054	
		rep 2	0.0053	
132	960233006 WAD 10.0g		-0.0018	
		rep 1	-0.0016	
		rep 2	-0.0019	
133	960233006 10.0g		-0.0018	
		rep 1	-0.0017	
		rep 2	-0.0019	
134	962333007 10.0g		-0.0013	
		rep 1	-0.0013	
		rep 2	-0.0013	
135	960233008 WAD 10.0g		-0.0018	
		rep 1	-0.0021	
		rep 2	-0.0015	
136	960233008 10.0g		-0.0022	
		rep 1	-0.0025	
		rep 2	-0.0018	
137	CCV		0.2802	112% rec.
		rep 1	0.2770	
		rep 2	0.2833	
138	CCB		-0.0024	
		rep 1	-0.0024	< 0.005
		rep 2	-0.0023	

) Concentration was significantly greater than the high standard's concentration.
(Concentration was significantly less than the lowest non-zero standard's concentration.
(If the sample was diluted, its diluted concentration is less than the lowest non-zero standard's.

Report for tray 96013001.RS continued on next page . . .

Cup#	Sample ID		1 CYANIDE mg/L
139	960233009 WAD 10.0g		-0.0014
		rep 1	-0.0015
		rep 2	-0.0014
140	960233009 10.0g		0.1218
		rep 1	0.1216
		rep 2	0.1220
141	960233010 10.0g		0.2260
		rep 1	0.2269
		rep 2	0.2251
142	960233011 10.0g		0.790)
		rep 1	0.795)
		rep 2	0.785)
143	960233012 10.0g		-0.0018
		rep 1	-0.0024
		rep 2	-0.0011
144	960233013 10.0g		1.178)
		rep 1	1.177)
		rep 2	1.179)
145	960233014 10.0g		-0.0013
		rep 1	-0.0026
		rep 2	0.0001
146	960233015 10.0g		0.0125
		rep 1	0.0126
		rep 2	0.0124
147	960233016 10.0g		0.0013
		rep 1	0.0008
		rep 2	0.0018
148	960233017 10.0g		0.1845
		rep 1	0.1839
		rep 2	0.1851
149	CCV		0.2897
		rep 1	0.2875
		rep 2	0.2918
150	CCB		-0.0024
		rep 1	-0.0027
		rep 2	-0.0020
151	960233018 10.0g		0.0145
		rep 1	0.0147
		rep 2	0.0144
152	960233019 10.0g		0.1871
		rep 1	0.1890
		rep 2	0.1851

116% rec

< 0.005

) Concentration was significantly greater than the high standard's concentration.
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(If the sample was diluted, its diluted concentration is less than the lowest non-zero standard's.

Report for tray 96013001.RS continued on next page . . .

Cup#	Sample ID		1 CYANIDE mg/L
153	960233021 10.0g		0.0067
		rep 1	0.0068
		rep 2	0.0067
154	960233022 10.0g		0.0010
		rep 1	0.0001
		rep 2	0.0019
155	960233025 10.0g		4.477)
		rep 1	4.478)
		rep 2	4.476)
156	960233027 10.0g		-0.0008
		rep 1	-0.0044
		rep 2	0.0028
157	960233040 10.0g		-0.0027
		rep 1	-0.0030
		rep 2	-0.0024
158	960233042 10.0g		-0.0017
		rep 1	-0.0011
		rep 2	-0.0023
159	CCV		0.2777
		rep 1	0.2773
		rep 2	0.2782
160	CCB		-0.0030

111 % rec

< 0.005

) Concentration was significantly greater than the high standard's concentration.
(Concentration was significantly less than the lowest non-zero standard's concentration.
(If the sample was diluted. its diluted concentration is less than the lowest non-zero standard's.

--------- End of Report for Tray 96013001.RS ----------

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QuikChem AE Postrun Report for Tray 96013003.RS
Method: CYANIDE 0.001-0.500 MG/L

This report prepared on 01/30/96 04:28 pm
This tray was run on 01/30/96 04:27 pm
Operator: Tray Template: Default

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-- Calibration now in effect (96013003) was done on 01/30/96 02:27 pm

-- Page 1 of report for tray 96013003.RS ----------

Cup#	Sample ID		1 CYANIDE mg/L	
101	ICV2		0.2127	106.4% rec.
		rep 1	0.2139	
		rep 2	0.2115	
102	ICB2		-0.0024	<0.005
		rep 1	-0.0026	
		rep 2	-0.0022	
103	PB 1/30/96 1		-0.0019	
		rep 1	-0.0020	
		rep 2	-0.0017	
104	PB 1/30/96 2		-0.0022	
		rep 1	-0.0024	
		rep 2	-0.0021	
105	HIGH 3		0.2001	100% rec.
		rep 1	0.1999	
		rep 2	0.2004	
106	LOW 1 RR		0.0454	90.8% rec.
		rep 1	0.0451	
		rep 2	0.0458	
107	LOW 2		0.0457	91.4% rec.
		rep 1	0.0456	
		rep 2	0.0458	
108	LOW 3		0.0461	92.2% rec.
		rep 1	0.0462	
		rep 2	0.0461	
109	960263001 10.0g		0.0085	
		rep 1	0.0084	
		rep 2	0.0085	
110	960263001 10.0g DUP		0.0066	
		rep 1	0.0066	
		rep 2	0.0065	

) Concentration was significantly greater than the high standard's concentration.
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(If the sample was diluted, its diluted concentration is less than the lowest non-zero standard's.

Report for tray 96013003.RS continued on next page . . .

Cup#	Sample ID	1 CYANIDE mg/L
111	960263001 10.0g MS	0.2144
	rep 1	0.2151
	rep 2	0.2137
112	960233009 WAD 10.0g	-0.0026
	rep 1	-0.0026
	rep 2	-0.0027
113	CCV	0.2613
	rep 1	0.2626
	rep 2	0.2601
114	CCB	-0.0028
	rep 1	-0.0032
	rep 2	-0.0023
115	960233009 10.0g	0.1085
	rep 1	0.1085
	rep 2	0.1085
116	960233010 10.0g	0.2019
	rep 1	0.2016
	rep 2	0.2022
117	960233011 10.0g 2XDIL.	0.3577
	rep 1	0.3574
	rep 2	0.3581
118	960233012 10.0g	-0.0016
	rep 1	-0.0019
	rep 2	-0.0013
119	960233013 10.0g 10XDIL.	0.1241
	rep 1	0.1242
	rep 2	0.1239
120	960233014 10.0g	-0.0006
	rep 1	-0.0009
	rep 2	-0.0003
121	960233015 10.0g	0.0112
	rep 1	0.0112
	rep 2	0.0112
122	960233016 10.0g	-0.0002
	rep 1	0.0004
	rep 2	-0.0008
123	960233017 10.0g	0.1692
	rep 1	0.1689
	rep 2	0.1695
124	960233018 10.0g	0.0131
	rep 1	0.0131
	rep 2	0.0130

104.5 %

) Concentration was significantly greater than the high standard's concentration.
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Report for tray 96013003.RS continued on next page . . .

Cup#	Sample ID		1 CYANIDE mg/L
125	CCV		0.2682
		rep 1	0.2675
		rep 2	0.2690
126	CCB		-0.0025
		rep 1	-0.0027
		rep 2	-0.0024
127	960233019 10.0g		0.1794
		rep 1	0.1799
		rep 2	0.1789
128	960233021 10.0g		0.0086
		rep 1	0.0089
		rep 2	0.0083
129	960233022 10.0g		-0.0016
		rep 1	-0.0017
		rep 2	-0.0014
130	960233025 10.0g	50XDIL	0.1170
		rep 1	0.1171
		rep 2	0.1169
131	960233027 10.0g		0.0037
		rep 1	0.0039
		rep 2	0.0035
132	960233040 10.0g		-0.0023
		rep 1	-0.0023
		rep 2	-0.0023
133	960233042 10.0g		-0.0018
		rep 1	-0.0020
		rep 2	-0.0017
134	960233042 10.0g	DUP	-0.0024
		rep 1	-0.0023
		rep 2	-0.0025
135	960233042 10.0g	MS	0.2063
		rep 1	0.2062
		rep 2	0.2064
136	960233043 10.0g		-0.0025
		rep 1	-0.0028
		rep 2	-0.0023
137	CCV		0.2635
		rep 1	0.2637
		rep 2	0.2633
138	CCB		-0.0022
		rep 1	-0.0026
		rep 2	-0.0018

> Concentration was significantly greater than the high standard's concentration.
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Report for tray 96013003.RS continued on next page . . .

Cup#	Sample ID		1 CYANIDE mg/L
139	960233044 10.0g		-0.0018
		rep 1	-0.0018
		rep 2	-0.0017
140	960245001 10.0g		0.0010
		rep 1	0.0009
		rep 2	0.0011
141	960245002 10.0g		0.1103
		rep 1	0.1106
		rep 2	0.1100
142	960245003 9.98g		-0.0013
		rep 1	-0.0015
		rep 2	-0.0011
143	960245004 9.96g		0.0155
		rep 1	0.0156
		rep 2	0.0154
144	960245006		0.0001
		rep 1	0.0001
		rep 2	0.0000
145	960245007		-0.0021
		rep 1	-0.0021
		rep 2	-0.0021
146	960245008		0.0004
		rep 1	0.0003
		rep 2	0.0006
147	CCV		0.2574
		rep 1	0.2573
		rep 2	0.2575
148	CCB		-0.0026
		rep 1	-0.0028
		rep 2	-0.0023

) Concentration was significantly greater than the high standard's concentration.
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(If the sample was diluted, its diluted concentration is less than the lowest non-zero standard's.

--------- End of Report for Tray 96013003.RS ----------

Calibration Statistics Report

Cal Ref: 96013001 01/30/96 01:19 pm

Method: CYANIDE

Channel: CYANIDE

Correlation Coefficients

Seq	Stds	Full	Chord 1	Chord 2	Chord 3	Chord 4	Chord 5
1	A-H	0.9999	0.9999	0.9995	0.9998	0.9700 ?	0.6941 ?

Percent Standard Deviation in Slope

1	A-H	0.5	0.4	0.9	0.5	7.2	27.1

QuikChem AE Calibration Report for Calibration 96013001
Method: CYANIDE 0.001-0.500 MG/L
This calibration was done on 01/30/96 08:45 am
This report prepared on 01/30/96 01:19 pm

	Analyte	Units	---- Average Concentrations --- Known	Determined	% Residual	Baseline Corrected Average Absorbance
Standard A,	CYANIDE	mg/L	0.5000	0.4990	0.1905	0.0941
	Analyte	Units	---- Average Concentrations --- Known	Determined	% Residual	Baseline Corrected Average Absorbance
Standard B,	CYANIDE	mg/L	0.1000	0.1033	-3.2668	0.0198
	Analyte	Units	---- Average Concentrations --- Known	Determined	% Residual	Baseline Corrected Average Absorbance
Standard C,	CYANIDE	mg/L	0.0500	0.0534	-6.7123	0.0104
	Analyte	Units	---- Average Concentrations --- Known	Determined	% Residual	Baseline Corrected Average Absorbance
Standard D,	CYANIDE	mg/L	0.0100	0.0092	8.1912	0.0021
	Analyte	Units	---- Average Concentrations --- Known	Determined	% Residual	Baseline Corrected Average Absorbance
Standard E,	CYANIDE	mg/L	0.0050	0.0036	28.4355	0.0010
	Analyte	Units	---- Average Concentrations --- Known	Determined	% Residual	Baseline Corrected Average Absorbance
Standard F,	CYANIDE	mg/L	0.0020	0.0010	50.4584	0.0006
	Analyte	Units	---- Average Concentrations --- Known	Determined	% Residual	Baseline Corrected Average Absorbance
Standard G,	CYANIDE	mg/L	0.0010	0.0001	85.4656	0.0004
	Analyte	Units	---- Average Concentrations --- Known	Determined	% Residual	Baseline Corrected Average Absorbance
Standard H,	CYANIDE	mg/L	0.0000	-0.0016	***.****	0.0001

---------- End of Calibration Report For Calibration 96013001 ----------

QuikChem AE Calibration Report for Calibration 96013003
Method: CYANIDE 0.001-0.500 MG/L
This calibration was done on 01/30/96 02:27 pm
This report prepared on 01/30/96 05:14 pm

	Analyte	Units	---- Average Concentrations --- Known	Determined	% Residual	Baseline Corrected Average Absorbance
Standard A,	CYANIDE	mg/L	0.5000	0.4988	0.2359	0.1365
Standard B,	CYANIDE	mg/L	0.1000	0.1046	-4.5723	0.0292
Standard C,	CYANIDE	mg/L	0.0500	0.0527	-5.4354	0.0150
Standard D,	CYANIDE	mg/L	0.0100	0.0105	-4.5231	0.0035
Standard E,	CYANIDE	mg/L	0.0050	0.0044	12.7431	0.0019
Standard F,	CYANIDE	mg/L	0.0020	0.0007	64.4728	0.0009
Standard G,	CYANIDE	mg/L	0.0010	-0.0011	214.4368	0.0004
Standard H,	CYANIDE	mg/L	0.0000	-0.0025	***.****	-0.0000

---------- End of Calibration Report For Calibration 96013003 ----------

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Calibration Statistics Report

Cal Ref: 96013003 01/30/96 05:13 pm

Method: CYANIDE

Channel: CYANIDE

Correlation Coefficients

Seg	Stds	Full	Chord 1	Chord 2	Chord 3	Chord 4	Chord 5
1	A-H	0.9998	0.9777 ?	0.9999	0.9997	1.0000	0.9041 ?

Percent Standard Deviation in Slope

1	A-H	0.6	6.2	0.5	0.7	0.2	13.3