INORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

LABORATORY NAME LRI CITY/STATE Teterboro/NJ
CASE NO. 06231 SDG NO. 623101 SDG NOS. TO FOLLOW ____ ____ ____ SAS NO. ____
CONTRACT NO. ____ ASP DATE 12/91

All documents delivered in the complete SDG file must be original documents where possible. (REFERENCE EXHIBIT B, SECTION II AND III.)

		PAGE NOS. FROM	PAGE NOS. TO	CHECK LAB	CHECK NYSDEC
1.	Inventory Sheet (Form DC-2) (Do not number)			✓	
2.	Cover Page / Case Narrative	1	2	✓	
3.	Inorganic Analysis Data Sheet (FORM I - IN)	3	21	✓	
4.	Initial & Continuing Calibration Verification (FORM IIA - IN)	22	31	✓	
5.	CRDL Standards For AA and ICP (FORM IIB - IN)	32	34	✓	
6.	Blanks (FORM III - IN)	35	42	✓	
7.	ICP Interference Check Sample (FORM IV - IN)	43	44	✓	
8.	Spike Sample Recovery (FORM VA - IN)	45	45	✓	
9.	Post Digest Spike Sample Recovery (FORM VB - IN)	46	46	✓	
10.	Duplicates (FORM VI - IN)	47	47	✓	
11.	Laboratory Control Sample (FORM VII - IN)	48	49	✓	
12.	Standard Addition Results (FORM VIII - IN)	50	50	✓	
13.	ICP Serial Dilutions (FORM IX - IN)	51	51	✓	
14.	Instrument Detection Limits (FORM X - IN)	52	53	✓	
15.	ICP Interelement Correction Factors (FORM XIA - IN)	54	54	✓	
16.	ICP Interference Correction Factors (FORM XIB - IN)	55	56	✓	
17.	ICP Linear Ranges (FORM XII - IN)	57	57	✓	
18.	Preparation Log (FORM XIII - IN)	58	63	✓	
19.	Analysis Run Log (FORM XIV - IN)	64	75	✓	
✓ 20.	ICP Raw Data	76	380	✓	
21.	Furnace AA Raw Data				
✓ 22.	Mercury Raw Data	381	671	✓	

FORM DC-2-IN-1

RECEIVED
APR 13
RAZAN

AGFA T606231 (Cd, Ag) for some samples
Tal. metals for others.

INORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET (Cont.)

CASE NO. 06231 SDG NO. 623101 SDG NOS. TO FOLLOW _____ _____ _____ SAS NO. _____

		PAGE NOS: FROM	TO	CHECK LAB	NYSDEC
23.	Cyanide Raw Data				
✓ 24.	Preparation Logs Raw Data	672	705	✓	
✓ 25.	Percent Solids Determination Log	706	707	✓	
26.	Contract Lab Sample Information Sheet (CLSIS)				
27.	NYSDEC Shipping/Receiving Documents				
	Airbill (No. of Shipments ____)				
	✓ Chain-of-custody Records	708	709	✓	
	Sample Tags				
	✓ Sample Log-in Sheet (Lab & DC1)	710	711	✓	
	✓ SDG Cover Sheet	712	712	✓	
28.	Misc Shipping/Receiving Records (list all individual records)				
	Telephone Logs				
	_____				
	_____				
29.	Internal Lab Sample Transfer Records & Transfer Sheets (describe or list)				
	✓ I-C-O-C	713	714	✓	
	✓ metals dep. batch sheet	715	717	✓	
30.	Internal Original Sample Prep & Analysis Records (describe or list)				
	Prep Records _____				
	Analysis Records _____				
	Description _____				
31.	Other Records (describe or list)				
	✓ Telephone Communications Log				
	IDL Study	718	723	✓	
	_____				
32.	Comments:				

_____

_____

Completed by (CLP Lab)

M. Arnold — Moe Arnold lab mgr. — DO officer — 7-17-96

(Signature) (Print Name & Title) (Date)

Audited by (NYSDEC)

_____ _____ _____

(Signature) (Print Name & Title) (Date)

FORM DC-2-IN-2

To be included with all lab data and with each workplan

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		*VOA GC/MS Method #	*BNA GC/MS Method #	*VOA GC Method #	*Pest PCBs Method #	*Metals TAL-metals (As, Cd) ASP 12/91	*Other
C-1N15	T606231-1					✓	
C-1N1D	-2					✓	
Field Blank	-3					✓	
C-1W15	-4					✓	
C-1W1D	-5					✓	
Rinsate-1	-6					✓	
C-1W25	-7					✓	
C-1W2D	-8					✓	
B-1N15	-9					✓	
B-1N1D	-10					✓	
C-1W35	-11					✓	
C-1W3D	-12					✓	
C-1W45	-13					✓	
C-1W4D	-14					✓	
DUP-1	-15					✓	
SB-6A:4'	-16					✓	
SB-6B:4'	-17					✓	
TRIP-Blank	-18					✓	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Metals Requested	Date Rec'd at Lab	Date Analyzed
T60 6231-01	Soil	Cd, Ag	6-14-96	*
-02	↓	↓	↓	↓
-03	water			
-04	soil			
-05	↓			
-06	water			
-07	soil			
-08	↓			
-09				
-10				
-11				
-12				
-13				
-14				
-15				
-16		TAL- Metals		
-17		↓		
-18	water	↓	↓	↓

see below

* ICP 6/30/96

* Hg 6/27/96, 7/10/96, 7/12/96

Laboratory Resources INC.
Teterboro Division
) Hollister Road
erboro, New Jersey 07608
FAX: 201-288-5311
201-288-3700

SDG CASE NARRATIVE
INORGANICS (TAL-METALS) NYASP 12/91

Lab Name: LRI Client: AGFA

Project: Peerless Photo Site Job No.: T606231

CASE No. : 06231 SDG No. : 623101

The following samples are included in this Sample Delivery Group:

LAB ID #	Matrix	CLIENT ID #	ID to be used on forms
T606231-01	soil	C-1N1S	C-1N1S
T606231-02	soil	C-1N1D	C-1N1D
T606231-03	water	Field Blank	F-BLK
T606231-04	soil	C-1W1S	C-1W1S
T606231-05	soil	C-1W1D	C-1W1D
T606231-06	water	Rinsate-1	RIN-1
T606231-07	soil	C-1W2S	C-1W2S
T606231-08	soil	C-1W2D	C-1W2D
T606231-09	soil	B-1N1S	B-1N1S
T606231-10	soil	B-1N1D	B-1N1D
T606231-11	soil	C-1W3S	C-1W3S
T606231-12	soil	C-1W3D	C-1W3D
T606231-13	soil	C-1W4S	C-1W4S
T606231-14	soil	C-1W4D	C-1W4D
T606231-15	soil	DUP-1	DUP-1
T606231-16	soil	SB-6A:4'	SB-6A
T606231-17	soil	SB-6B:4'	SB-6B
T606231-18	water	Trip Blank	T-BLK

Detailed Documentation of Problems Encountered With These samples:

General

1. Please note that for the cross reference check the Lab sample ID. with Client ID. is listed above on this case narrative.

2. All the above water samples for TAL-Metals and Cyanide analysis as per Chain-of-Custody were performed at LRI NJ- Div. for the above work order in one data package with CASE # 06231 and SDG # 623101.

000001

METALS:

- Please note that the client sample number with the sample description is too many characters, therefore as per the software being used for data processing (Ward Scientific Software) only six characters can be used for EPA sample number. Never-the-less for the cross reference check the Lab sample ID. with Client ID. is listed above on this case narrative.

- Please be advised that LRI uses the Ward Scientific Software for data processing of CLP Inorganic Packages, the software is designed to accommodate one SDG at a time made of twenty samples or less of the same matrix.

1. The Inorganic ASP CLP data package contains respectively in this order: Case narrative followed by Forms I to XIV, ICP raw data, Mercury raw data and finally the last part is General such as sample preparation log and Chain-of-Custody, Sample Log-in-sheet, Internal Chain-of-Custody followed by metals department batch sheet and IDL study.

2. Sample T606321-05 (C-1W1D) was analyzed for QC (duplicate and digestion spike) for ICP and Mercury and Cyanide in a batch of 20 samples, the same sample was analyzed for ICP serial dilution and it covers the above work order.

Note: The CCV-1-2 was analyzed twice by the Analyst (unintentionally analyzed twice) on Mercury (Hg) analysis for date 6-27-96. However the result for only one CCv is shown on Form 2, the result for both analyzed CCV were within the Limits.

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

07-17-96

Moe Amirsoleymani
CLP/ASP, QA/QC Manager

000002

NYSDEC ASP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

SOW No.: 3/90_

NYSDEC Sample No.	Lab Sample ID.
B-1N1D	0623110
B-1N1S	0623109
C-1N1D	0623102
C-1N1S	0623101
C-1W1D	0623105
C-1W1DD	0623105D
C-1W1DS	0623105S
C-1W1S	0623104
C-1W2D	0623108
C-1W2S	0623107
C-1W3D	0623112
C-1W3S	0623111
C-1W4D	0623114
C-1W4S	0623113
DUP-1	0623115
F-BLK	0623103
RIN-1	0623106
SB-6A	0623116
SB-6B	0623117
T-BLK	0623118

Were ICP interelement corrections applied ? Yes/No YES

Were ICP background corrections applied ? Yes/No YES
If yes - were raw data generated before application of background corrections ? Yes/No NO_

Comments:

_____

_____

_____

_____

Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Lab Manager: Karen Sandhu

Date: 7/15/96

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

C-1N1S

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): SOIL Lab Sample ID: 0623101

Level (low/med): LOW Date Received: 06/14/96

% Solids: 75.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.26	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	568		*	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

C-1N1D

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): SOIL Lab Sample ID: 0623102

Level (low/med): LOW Date Received: 06/14/96

% Solids: 80.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.25	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	60.1		*	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

C-1W1S

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): SOIL Lab Sample ID: 0623104

Level (low/med): LOW Date Received: 06/14/96

% Solids: 67.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	369		*	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

C-1W1D

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): SOIL Lab Sample ID: 0623105

Level (low/med): LOW Date Received: 06/14/96

% Solids: 81.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.25	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	14.7		*	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

C-1W2S

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): SOIL Lab Sample ID: 0623107

Level (low/med): LOW Date Received: 06/14/96

% Solids: 60.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.33	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	210		*	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

C-1W2D

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): SOIL Lab Sample ID: 0623108

Level (low/med): LOW Date Received: 06/14/96

% Solids: 84.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.24	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.24	U	*	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

B-1N1S

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): SOIL Lab Sample ID: 0623109

Level (low/med): LOW Date Received: 06/14/96

% Solids: 74.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.30	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	310		*	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

B-1N1D

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): SOIL Lab Sample ID: 0623110

Level (low/med): LOW Date Received: 06/14/96

% Solids: 84.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.24	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.24	U	*	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: COLORLESS Clarity After: Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

C-1W3S

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): SOIL Lab Sample ID: 0623111

Level (low/med): LOW Date Received: 06/14/96

% Solids: 71.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.28	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	130		*	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

C-1W3D

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): SOIL Lab Sample ID: 0623112

Level (low/med): LOW Date Received: 06/14/96

% Solids: 83.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.24	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.24	U	*	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

C-1W4S

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): SOIL Lab Sample ID: 0623113

Level (low/med): LOW Date Received: 06/14/96

% Solids: 74.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.27	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	304		*	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

000016

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

C-1W4D

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): SOIL Lab Sample ID: 0623114

Level (low/med): LOW Date Received: 06/14/96

% Solids: 81.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.24	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.41	B	*	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

DUP-1

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): SOIL Lab Sample ID: 0623115

Level (low/med): LOW Date Received: 06/14/96

% Solids: 85.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.24	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.27	B	*	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

SB-6A

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): SOIL Lab Sample ID: 0623116

Level (low/med): LOW Date Received: 06/14/96

% Solids: 85.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4810			P
7440-36-0	Antimony	0.70	U	N	P
7440-38-2	Arsenic	2.0	B		P
7440-39-3	Barium	144			P
7440-41-7	Beryllium	0.23	U		P
7440-43-9	Cadmium	37.9			P
7440-70-2	Calcium	1840			P
7440-47-3	Chromium	45.9			P
7440-48-4	Cobalt	1.7	B		P
7440-50-8	Copper	70.9			P
7439-89-6	Iron	5880			P
7439-92-1	Lead	92.2			P
7439-95-4	Magnesium	637	B		P
7439-96-5	Manganese	45.4			P
7439-97-6	Mercury	0.60		N	CV
7440-02-0	Nickel	5.4	B		P
7440-09-7	Potassium	290	B		P
7782-49-2	Selenium	1.2			P
7440-22-4	Silver	406		*	P
7440-23-5	Sodium	134	B		P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	11.3	B		P
7440-66-6	Zinc	38.8			P
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

SB-6B

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): SOIL Lab Sample ID: 0623117

Level (low/med): LOW Date Received: 06/14/96

% Solids: 86.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3470			P
7440-36-0	Antimony	0.69	U	N	P
7440-38-2	Arsenic	1.9	B		P
7440-39-3	Barium	16.2	B		P
7440-41-7	Beryllium	0.23	U		P
7440-43-9	Cadmium	4.0			P
7440-70-2	Calcium	1300			P
7440-47-3	Chromium	17.5			P
7440-48-4	Cobalt	1.5	B		P
7440-50-8	Copper	32.9			P
7439-89-6	Iron	6610			P
7439-92-1	Lead	25.1			P
7439-95-4	Magnesium	430	B		P
7439-96-5	Manganese	38.2			P
7439-97-6	Mercury	0.10	B	N	CV
7440-02-0	Nickel	6.9	B		P
7440-09-7	Potassium	200	B		P
7782-49-2	Selenium	0.73	B		P
7440-22-4	Silver	576		*	P
7440-23-5	Sodium	163	B		P
7440-28-0	Thallium	1.2	U		P
7440-62-2	Vanadium	7.8	B		P
7440-66-6	Zinc	26.8			P
5955-70-0	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

F-BLK

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): WATER Lab Sample ID: 0623103

Level (low/med): LOW Date Received: 06/14/96

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

T-BLK

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Matrix (soil/water): WATER Lab Sample ID: 0623118

Level (low/med): LOW Date Received: 06/14/96

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	145	B		P
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	4.0	U		P
7440-39-3	Barium	1.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	373	B		P
7440-47-3	Chromium	1.0	U		P
7440-48-4	Cobalt	1.0	U		P
7440-50-8	Copper	1.0	U		P
7439-89-6	Iron	24.1	B		P
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium	43.6	B		P
7439-96-5	Manganese	1.6	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	2.5	B		P
7440-09-7	Potassium	48.6	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	527	B		P
7440-28-0	Thallium	5.0	U		P
7440-62-2	Vanadium	1.0	U		P
7440-66-6	Zinc	14.3	B		P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

RIN-1

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Matrix (soil/water): WATER Lab Sample ID: 0623106___

Level (low/med): LOW__ Date Received: 06/14/96

% Solids: __0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	1.0_	U		P_
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	1.0_	U		P_
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
5955-70-0	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: ___

Comments:

NYSDEC ASP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Initial Calibration Source: SPEX_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum	10000.0	9830.47	98.3	10000.0	9629.68	96.3	9811.74	98.1	P
Antimony	500.0	513.14	102.6	500.0	502.37	100.5	515.73	103.1	P
Arsenic	500.0	525.33	105.1	500.0	510.92	102.2	523.07	104.6	P
Barium	500.0	497.53	99.5	500.0	488.86	97.8	500.94	100.2	P
Beryllium	500.0	502.74	100.5	500.0	491.14	98.2	500.13	100.0	P
Cadmium	500.0	479.84	96.0	500.0	468.75	93.8	477.14	95.4	P
lcium	100000.0	102891.8	102.9	100000.0	100289.1	100.3	101769.8	101.8	P
hromium	500.0	488.20	97.6	500.0	477.36	95.5	485.94	97.2	P
Cobalt	500.0	498.58	99.7	500.0	486.84	97.4	494.94	99.0	P
Copper	500.0	507.90	101.6	500.0	496.62	99.3	503.29	100.7	P
Iron	100000.0	100934.9	100.9	100000.0	98412.97	98.4	100205.2	100.2	P
Lead	500.0	488.81	97.8	500.0	478.47	95.7	486.44	97.3	P
Magnesium	100000.0	96742.04	96.7	100000.0	94444.64	94.4	96160.57	96.2	P
Manganese	500.0	494.62	98.9	500.0	483.00	96.6	491.66	98.3	P
Mercury	4.0	3.93	98.2	4.0	3.95	98.8	4.04	101.0	CV
Nickel	500.0	488.62	97.7	500.0	478.91	95.8	490.63	98.1	P
Potassium	100000.0	99926.44	99.9	100000.0	98300.22	98.3	99718.27	99.7	P
Selenium	500.0	512.08	102.4	500.0	502.25	100.4	514.94	103.0	P
Silver	500.0	520.20	104.0	500.0	509.61	101.9	517.97	103.6	P
Sodium	100000.0	95260.86	95.3	100000.0	93583.49	93.6	95348.99	95.3	P
Thallium	500.0	482.06	96.4	500.0	467.33	93.5	476.60	95.3	P
Vanadium	500.0	505.38	101.1	500.0	491.86	98.4	498.74	99.7	P
Zinc	500.0	481.23	96.2	500.0	468.46	93.7	477.79	95.6	P
Cyanide									NR

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

NYSDEC ASP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Initial Calibration Source: SPEX_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum				10000.0	9898.69	99.0	9934.87	99.3	P
Antimony				500.0	529.91	106.0	527.44	105.5	P
Arsenic				500.0	541.45	108.3	543.79	108.8	P
Barium				500.0	509.58	101.9	514.46	102.9	P
Beryllium				500.0	520.67	104.1	520.98	104.2	P
dmium				500.0	499.48	99.9	498.72	99.7	P
lcium				100000.0	106565.0	106.6	106350.1	106.4	P
Chromium				500.0	505.42	101.1	505.74	101.1	P
Cobalt				500.0	512.58	102.5	511.99	102.4	P
Copper				500.0	503.42	100.7	506.22	101.2	P
Iron				100000.0	103931.6	103.9	103843.3	103.8	P
Lead				500.0	506.26	101.3	504.42	100.9	P
Magnesium				100000.0	98998.60	99.0	99164.84	99.2	P
Manganese				500.0	509.16	101.8	509.52	101.9	P
Mercury				4.0	3.78	94.5	3.85	96.2	CV
Nickel				500.0	509.61	101.9	509.43	101.9	P
Potassium				100000.0	101209.6	101.2	102252.4	102.3	P
Selenium				500.0	531.01	106.2	533.38	106.7	P
Silver				500.0	525.79	105.2	527.27	105.5	P
Sodium				100000.0	96536.56	96.5	97440.70	97.4	P
Thallium				500.0	490.03	98.0	488.18	97.6	P
Vanadium				500.0	512.02	102.4	511.50	102.3	P
Zinc				500.0	506.95	101.4	503.98	100.8	P
Cyanide									NR

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

NYSDEC ASP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Initial Calibration Source: SPEX_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum				10000.0	10077.60	100.8	10139.94	101.4	P
Antimony				500.0	529.28	105.9	538.80	107.8	P
Arsenic				500.0	545.50	109.1	549.84	110.0	P
Barium				500.0	520.05	104.0	520.03	104.0	P
Beryllium				500.0	523.99	104.8	528.60	105.7	P
Cadmium				500.0	500.19	100.0	505.14	101.0	P
Calcium				100000.0	106823.5	106.8	107298.2	107.3	P
Chromium				500.0	509.35	101.9	512.00	102.4	P
Cobalt				500.0	515.29	103.1	518.68	103.7	P
Copper				500.0	512.18	102.4	516.06	103.2	P
Iron				100000.0	104495.7	104.5	105227.7	105.2	P
Lead				500.0	507.16	101.4	511.76	102.4	P
Magnesium				100000.0	99877.61	99.9	100576.8	100.6	P
Manganese				500.0	513.42	102.7	516.81	103.4	P
Mercury									NR
Nickel				500.0	513.59	102.7	514.78	103.0	P
Potassium				100000.0	103582.7	103.6	103712.7	103.7	P
Selenium				500.0	542.56	108.5	546.60	109.3	P
Silver				500.0	532.85	106.6	535.96	107.2	P
Sodium				100000.0	98531.78	98.5	98913.69	98.9	P
Thallium				500.0	493.21	98.6	498.75	99.8	P
Vanadium				500.0	514.75	103.0	520.07	104.0	P
Zinc				500.0	504.73	100.9	508.40	101.7	P
Cyanide									NR

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

NYSDEC ASP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Initial Calibration Source: SPEX_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum				10000.0	10307.99	103.1	10463.77	104.6	P
Antimony				500.0	540.98	108.2	542.30	108.5	P
Arsenic				500.0	562.64	112.5*	560.32	112.1*	P
Barium				500.0	527.75	105.6	532.21	106.4	P
Beryllium				500.0	536.92	107.4	537.48	107.5	P
Cadmium				500.0	513.17	102.6	513.09	102.6	P
Calcium				100000.0	109024.3	109.0	108770.3	108.8	P
Chromium				500.0	520.69	104.1	521.79	104.4	P
Cobalt				500.0	527.44	105.5	527.30	105.5	P
Copper				500.0	522.41	104.5	528.46	105.7	P
Iron				100000.0	106885.1	106.9	107223.6	107.2	P
Lead				500.0	518.31	103.7	518.97	103.8	P
Magnesium				100000.0	102245.4	102.2	102251.9	102.3	P
Manganese				500.0	524.90	105.0	527.49	105.5	P
Mercury									NR
Nickel				500.0	523.67	104.7	524.64	104.9	P
Potassium				100000.0	104930.6	104.9	106368.0	106.4	P
Selenium				500.0	555.77	111.2*	556.45	111.3*	P
Silver				500.0	543.25	108.6	548.82	109.8	P
Sodium				100000.0	100060.0	100.1	101149.9	101.1	P
Thallium				500.0	514.10	102.8	508.16	101.6	P
Vanadium				500.0	527.27	105.5	531.66	106.3	P
Zinc				500.0	517.19	103.4	516.58	103.3	P
Cyanide									NR

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

* No samples were bracketed by failing CCV's.

NYSDEC ASP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Initial Calibration Source: SPEX_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
.cium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury	4.0	4.32	108.0	4.0	4.32	108.0	4.26	106.5	CV
Nickel									NR
Potassium	100000.0	97751.56	97.8	100000.0	97580.78	97.6	97347.97	97.3	P
Selenium	500.0	513.44	102.7	500.0	506.31	101.3	501.98	100.4	P
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

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

NYSDEC ASP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Initial Calibration Source: SPEX_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury				4.0	4.04	101.0	4.20	105.0	CV
Nickel									NR
Potassium				100000.0	97480.88	97.5	95855.62	95.9	P
Selenium				500.0	506.34	101.3	452.08	90.4	P
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

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

NYSDEC ASP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Initial Calibration Source: SPEX_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury				4.0	4.29	107.2			CV
Nickel									NR
Potassium				100000.0	95861.87	95.9	95763.62	95.8	P
Selenium				500.0	482.71	96.5	486.26	97.3	P
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

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

NYSDEC ASP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Initial Calibration Source: SPEX_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium				100000.0	95761.91	95.8			P
Selenium				500.0	482.45	96.5			P
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

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

NYSDEC ASP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Initial Calibration Source: SPEX_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury	4.0	4.16	104.0	4.0	4.20	105.0	4.19	104.8	CV
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

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

NYSDEC ASP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Initial Calibration Source: SPEX_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury				4.0	4.16	104.0	4.20	105.0	CV
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

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

NYSDEC ASP

2B
CRDL STANDARD FOR AA AND ICP

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

AA CRDL Standard Source: INORGANIC VE

ICP CRDL Standard Source: INORGANIC VE

Concentration Units: ug/L

Analyte	CRDL Standard for AA True	Found	%R	CRDL Standard for ICP True	Initial Found	%R	Final Found	%R
Aluminum								
Antimony				120.0	119.89	99.9	128.99	107.5
Arsenic				20.0	21.14	105.7	23.36	116.8
Barium								
Beryllium				10.0	9.82	98.2	10.70	107.0
Cadmium				10.0	9.78	97.8	11.02	110.2
Calcium								
Chromium				20.0	19.98	99.9	21.74	108.7
Cobalt				100.0	97.24	97.2	104.91	104.9
Copper				50.0	48.44	96.9	50.24	100.5
Iron								
Lead				6.0	5.16	86.0	5.97	99.5
Magnesium								
Manganese				30.0	29.63	98.8	32.14	107.1
Mercury	0.2	0.18	90.0					
Nickel				80.0	80.77	101.0	88.43	110.5
Potassium								
Selenium				10.0	11.91	119.1	15.75	157.5
Silver				20.0	20.62	103.1	22.16	110.8
Sodium								
Thallium				20.0	20.68	103.4	24.52	122.6
Vanadium				100.0	99.39	99.4	106.56	106.6
Zinc				40.0	39.07	97.7	43.34	108.4

NYSDEC ASP

2B
CRDL STANDARD FOR AA AND ICP

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

AA CRDL Standard Source: INORGANIC VE

ICP CRDL Standard Source: INORGANIC VE

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial True	Initial Found	Initial %R	Final Found	Final %R
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Magnesium								
Manganese								
Mercury	0.2	0.25	125.0					
Nickel								
Potassium								
Selenium				10.0	10.93	109.3	9.11	91.1
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

NYSDEC ASP

2B
CRDL STANDARD FOR AA AND ICP

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

AA CRDL Standard Source: INORGANIC VE

ICP CRDL Standard Source: _____

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial True	Initial Found	Initial %R	Final Found	Final %R
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
admium								
alcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Magnesium								
Manganese								
Mercury	0.2	0.20	100.0					
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

3
BLANKS

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Preparation Blank Matrix (soil/water): SOIL_

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prep. Blank	C	M
Aluminum	53.0	B	80.8	B	85.2	B	82.3	B	19.618	B	P
Antimony	3.0	U	3.0	U	3.0	U	3.0	U	0.600	U	P
Arsenic	4.0	U	4.0	U	4.0	U	4.0	U	0.800	U	P
Barium	1.0	U	1.0	U	1.0	U	1.0	U	0.200	U	P
ryllium	1.0	U	1.0	U	1.0	U	1.0	U	0.200	U	P
admium	1.0	U	1.0	U	1.0	U	1.0	U	0.200	U	P
Calcium	18.3	B	16.0	U	21.4	B	16.0	B	7.106	B	P
Chromium	1.0	U	1.0	U	1.0	U	1.0	U	0.200	U	P
Cobalt	1.0	U	1.0	U	1.0	U	1.0	U	0.200	U	P
Copper	1.0	U	-1.2	B	-1.3	B	-2.1	B	-0.218	B	P
Iron	11.0	U	11.0	U	13.1	B	11.0	U	2.200	U	P
Lead	2.0	U	2.0	U	2.0	U	2.0	U	0.400	U	P
Magnesium	9.7	B	9.9	B	18.1	B	11.4	B	1.800	U	P
Manganese	1.0	U	1.0	U	1.0	U	1.0	U	0.200	U	P
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.041	U	CV
Nickel	2.0	U	2.0	U	2.0	U	2.0	U	0.400	U	P
Potassium	33.0	U	43.1	B	49.8	B	44.2	B	10.135	B	P
Selenium	3.0	U	3.0	U	3.0	U	3.0	U	0.600	U	P
Silver	1.0	U	1.0	U	1.0	U	1.0	U	0.200	U	P
Sodium	515.4	B	512.0	B	498.4	B	466.4	B	118.028	B	P
Thallium	5.0	U	5.0	U	5.0	U	5.0	U	1.000	U	P
Vanadium	1.0	U	1.0	U	1.0	U	1.0	U	0.200	U	P
Zinc	2.0	U	2.0	U	2.0	U	2.0	U	1.171	B	P
Cyanide											NR

NYSDEC ASP

3
BLANKS

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			89.3	B	99.0	B	96.1	B	100.970	B	P
Antimony			3.0	U	-3.0	B	3.0	U	3.000	U	P
Arsenic			4.0	U	4.0	U	4.0	U	4.000	U	P
Barium			1.0	U	1.0	U	1.0	U	4.405	B	P
Beryllium			1.0	U	1.0	U	1.0	U	1.000	U	P
Cadmium			1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium			17.1	B	19.3	B	26.0	B	166.475	B	P
Chromium			1.0	U	1.0	U	1.0	U	1.000	U	P
Cobalt			1.0	U	1.0	U	1.0	U	1.000	U	P
Copper			-2.2	B	-2.1	B	-1.7	B	1.000	U	P
Iron			11.0	U	11.0	U	13.1	B	48.915	B	P
Lead			2.0	U	2.0	U	-2.1	B	2.000	U	P
Magnesium			12.0	B	11.9	B	14.9	B	70.870	B	P
Manganese			1.0	U	1.0	U	1.0	U	1.000	U	P
Mercury			0.1	U							CV
Nickel			2.0	U	2.0	U	2.0	U	2.674	B	P
Potassium			48.4	B	61.4	B	61.3	B	107.100	B	P
Selenium			3.0	U	3.0	U	3.0	U	3.000	U	P
Silver			1.0	U	1.0	U	1.0	U	1.000	U	P
Sodium			521.5	B	492.2	B	553.6	B	514.860	B	P
Thallium			5.0	U	5.0	U	5.0	U	5.000	U	P
Vanadium			1.0	U	1.0	U	1.0	U	1.000	U	P
Zinc			2.0	U	2.0	U	2.0	U	12.714	B	P
Cyanide											NR

3
BLANKS

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Preparation Blank Matrix (soil/water): _____

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			98.8	B	141.3	B					P
Antimony			3.0	U	3.0	U					P
Arsenic			4.0	U	4.7	B					P
Barium			1.0	U	1.0	U					P
yllium			1.0	U	1.0	U					P
Cadmium			1.0	U	1.0	U					P
Calcium			25.7	B	57.6	B					P
Chromium			1.0	U	1.0	U					P
Cobalt			1.0	U	1.0	U					P
Copper			-1.7	B	-2.1	B					P
Iron			12.2	B	20.4	B					P
Lead			2.0	U	2.0	U					P
Magnesium			15.3	B	50.3	B					P
Manganese			1.0	U	1.0	U					P
Mercury											NR
Nickel			2.0	U	2.0	U					P
Potassium			62.7	B	53.7	B					P
Selenium			3.0	U	3.0	U					P
Silver			1.0	U	1.0	U					P
Sodium			561.3	B	532.5	B					P
Thallium			5.0	U	5.0	U					P
Vanadium			1.0	U	1.0	U					P
Zinc			2.0	U	2.0	U					P
Cyanide											NR

3
BLANKS

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Preparation Blank Matrix (soil/water): WATER

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony											NR
Arsenic											NR
Barium											NR
ryllium											NR
dmium											NR
Calcium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Iron											NR
Lead											NR
Magnesium											NR
Manganese											NR
Mercury	0.1	U	0.1	B	0.1	U	0.1	U	0.082	U	CV
Nickel											NR
Potassium	33.0	U	33.0	U	50.5	B	45.1	B			P
Selenium	3.0	U	3.0	U	3.0	U	3.0	U			P
Silver											NR
Sodium											NR
Thallium											NR
Vanadium											NR
Zinc											NR
Cyanide											NR

3
BLANKS

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Preparation Blank Matrix (soil/water): _____

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony											NR
Arsenic											NR
Barium											NR
Beryllium											NR
Cadmium											NR
Calcium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Iron											NR
Lead											NR
Magnesium											NR
Manganese											NR
Mercury			0.1	U	0.1	U					CV
Nickel											NR
Potassium			38.7	B	41.4	B	55.5	B			P
Selenium			3.0	U	3.0	U	3.0	U			P
Silver											NR
Sodium											NR
Thallium											NR
Vanadium											NR
Zinc											NR
Cyanide											NR

NYSDEC ASP

3
BLANKS

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Preparation Blank Matrix (soil/water): _____

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony											NR
Arsenic											NR
Barium											NR
Beryllium											NR
Cadmium											NR
Calcium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Iron											NR
Lead											NR
Magnesium											NR
Manganese											NR
Mercury											NR
Nickel											NR
Potassium			51.2	B							P
Selenium			3.0	U							P
Silver											NR
Sodium											NR
Thallium											NR
Vanadium											NR
Zinc											NR
Cyanide											NR

3
BLANKS

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Preparation Blank Matrix (soil/water): SOIL_

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony											NR
Arsenic											NR
Barium											NR
Beryllium											NR
Cadmium											NR
Calcium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Iron											NR
Lead											NR
Magnesium											NR
Manganese											NR
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	-0.052	B	CV
Nickel											NR
Potassium											NR
Selenium											NR
Silver											NR
Sodium											NR
Thallium											NR
Vanadium											NR
Zinc											NR
Cyanide											NR

NYSDEC ASP

3
BLANKS

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Preparation Blank Matrix (soil/water): _____

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

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony											NR
Arsenic											NR
Barium											NR
-yllium											NR
dmium											NR
Calcium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Iron											NR
Lead											NR
Magnesium											NR
Manganese											NR
Mercury			0.1	U							CV
Nickel											NR
Potassium											NR
Selenium											NR
Silver											NR
Sodium											NR
Thallium											NR
Vanadium											NR
Zinc											NR
Cyanide											NR

NYSDEC ASP

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No: SDG No.: 623101

ICP ID Number: TRACE ICS Source: INORGANIC VE

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Aluminum	500000	500000	483304	470476.0	94.1	510581	503124.1	100.6
Antimony		600		637.4	106.2		687.5	114.6
Arsenic		100		102.5	102.5		114.8	114.8
Barium		500		535.0	107.0		573.9	114.8
Beryllium		500		501.4	100.3		545.2	109.0
Cadmium		1000		941.9	94.2		1022.7	102.3
Calcium	500000	500000	480133	469659.0	93.9	516900	508750.5	101.8
Chromium		500		484.5	96.9		526.2	105.2
Cobalt		500		472.2	94.4		509.4	101.9
Copper		500		545.8	109.2		576.2	115.2
Iron	200000	200000	201485	197245.0	98.6	216586	213362.7	106.7
Lead		50		50.8	101.6		51.1	102.2
Magnesium	500000	500000	527160	513977.2	102.8	564027	554611.1	110.9
Manganese		500		495.1	99.0		536.9	107.4
Mercury								
Nickel		1000		953.6	95.4		1032.1	103.2
Potassium								
Selenium		50		52.9	105.8		57.7	115.4
Silver		200		217.5	108.8		232.8	116.4
Sodium								
Thallium		100		103.7	103.7		116.3	116.3
Vanadium		500		495.9	99.2		531.2	106.2
Zinc		1000		930.5	93.0		1020.3	102.0

NYSDEC ASP

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No: _____ SDG No.: 623101

ICP ID Number: TRACE_____ ICS Source: INORGANIC VE

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial %R	Final Found Sol. A	Final Found Sol. AB	Final %R
Aluminum	500000	500000	476770	464932.4	93.0	466028	466305.6	93.3
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium	500000	500000	476993	465467.1	93.1	465352	466410.6	93.3
Chromium								
Cobalt								
Copper								
Iron	200000	200000	199223	194591.0	97.3	194164	195088.5	97.5
Lead								
Magnesium	500000	500000	517736	504732.7	100.9	503282	503837.0	100.8
Manganese								
Mercury								
Nickel								
Potassium								
Selenium		50		50.8	101.6		50.4	100.8
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

C-1W1DS

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

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

% Solids for Sample: 81.1

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony	75-125	84.3608		0.7398	U	123.30	68.4	N	P
Arsenic	75-125	13.0232		3.1874		9.86	99.8		P
Barium	75-125	525.5418		13.9438	B	493.22	103.7		P
Beryllium	75-125	12.7709		0.2466	U	12.33	103.6		P
Cadmium	75-125	11.7011		0.2466	U	12.33	94.9		P
Calcium									NR
Chromium	75-125	58.6424		8.8353		49.32	101.0		P
Cobalt	75-125	124.4187		1.8871	B	123.30	99.4		P
Copper	75-125	67.3746		3.2700	B	61.65	104.0		P
Iron									NR
Lead	75-125	10.2498		5.2543		4.93	101.3		P
Magnesium									NR
Manganese	75-125	174.5322		52.9956		123.30	98.6		P
Mercury	75-125	0.4729		0.1048	B	0.62	59.4	N	CV
Nickel	75-125	128.6030		3.4244	B	123.30	101.5		P
Potassium									NR
Selenium	75-125	2.8229		0.8274	B	2.47	80.8		P
Silver	75-125	28.8173		14.7408		12.33	114.2		P
Sodium									NR
Thallium	75-125	9.6626		1.2330	U	12.33	78.4		P
Vanadium	75-125	139.9975		13.1073		123.30	102.9		P
Zinc	75-125	135.6661		14.5391		123.30	98.2		P
Cyanide									NR

Comments:

NYSDEC ASP

5B

POST DIGEST SPIKE SAMPLE RECOVERY

NYSDEC SAMPLE NO.

C-1W1DA

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

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

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony		109.07		3.00	U	120.0	90.9		P
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									

Comments:

NYSDEC ASP

6
DUPLICATES

NYSDEC SAMPLE NO.

C-1W1DD

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

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

% Solids for Sample: 81.1 % Solids for Duplicate: 81.1

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		6934.2291		7538.6530		8.4		P
Antimony		0.7398	U	0.7398	U			P
Arsenic	2.5	3.1874		3.4799		8.8		P
Barium		13.9438	B	14.8400	B	6.2		P
Beryllium		0.2466	U	0.2703	B	200.0		P
Cadmium		0.2466	U	0.2466	U			P
Calcium		244.8291	B	207.5527	B	16.5		P
Chromium	2.5	8.8353		8.6429		2.2		P
Cobalt		1.8871	B	2.0932	B	10.4		P
Copper		3.2700	B	3.2503	B	0.6		P
Iron		9071.7911		9516.2609		4.8		P
Lead		5.2543		4.5369		14.7		P
Magnesium		633.2086	B	675.6510	B	6.5		P
Manganese		52.9956		49.3514		7.1		P
Mercury	0.1	0.1048	B	0.0506	U	200.0		CV
Nickel		3.4244	B	3.4190	B	0.2		P
Potassium		257.2614	B	316.7472	B	20.7		P
Selenium	1.2	0.8274	B	1.4841		56.8		P
Silver	2.5	14.7408		10.1963		36.4	*	P
Sodium		148.2703	B	157.0254	B	5.7		P
Thallium		1.2330	U	1.2330	U			P
Vanadium	12.3	13.1073		13.9682		6.4		P
Zinc	4.9	14.5391		11.9169		19.8		P
Cyanide								NR

7

LABORATORY CONTROL SAMPLE

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

Solid LCS Source: SPEX

Aqueous LCS Source: SPEX

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum	2000.0	2075.95	103.8	400.0	434.8		320.0	480.0	108.7
Antimony	500.0	507.44	101.5	100.0	103.4		80.0	100.0	103.4
Arsenic	40.0	46.72	116.8	8.0	9.4		6.4	9.6	117.5
Barium	2000.0	2016.84	100.8	400.0	426.6		320.0	480.0	106.6
Beryllium	50.0	51.02	102.0	10.0	10.5		8.0	12.0	105.0
Cadmium	50.0	49.11	98.2	10.0	10.2		8.0	12.0	102.0
Calcium	20000.0	21119.24	105.6	4000.0	4391.2		3200.0	4800.0	109.8
Chromium	200.0	198.96	99.5	40.0	42.1		32.0	48.0	105.2
Cobalt	500.0	490.78	98.2	100.0	102.3		80.0	120.0	102.3
Copper	250.0	251.96	100.8	50.0	53.0		40.0	60.0	106.0
Iron	1000.0	1000.67	100.1	200.0	206.6		160.0	240.0	103.3
Lead	20.0	17.73	88.6	4.0	3.8		3.2	4.8	95.0
Magnesium	20000.0	19449.17	97.2	4000.0	3997.5		3200.0	4800.0	99.9
Manganese	500.0	497.60	99.5	100.0	104.7		80.0	120.0	104.7
Mercury	1.0	0.92	92.4	0.5	0.4		0.4	0.6	80.0
Nickel	500.0	501.33	100.3	100.0	104.8		80.0	120.0	104.8
Potassium	20000.0	23387.28	116.9	4000.0	4632.7		3200.0	4800.0	115.8
Selenium	10.0	9.91	99.1	2.0	2.4		1.6	2.4	120.0
Silver	50.0	54.41	108.8	10.0	11.3		8.0	12.0	113.0
Sodium	20000.0	17628.34	88.1	4000.0	3644.4		3200.0	4800.0	91.1
Thallium	50.0	42.14	84.3	10.0	8.4		8.0	12.0	84.0
Vanadium	500.0	503.51	100.7	100.0	106.1		80.0	120.0	106.1
Zinc	500.0	496.91	99.4	100.0	103.7		80.0	120.0	103.7
Cyanide									

7

LABORATORY CONTROL SAMPLE

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

Solid LCS Source: SPEX_____

Aqueous LCS Source: SPEX_____

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury				0.5	0.4		0.4	0.6	80.0
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

000049

NYSDEC ASP

8
STANDARD ADDITION RESULTS

Lab Name: LRI_____ Contract:_____

Lab Code: LRI___ Case No.: 06231 SAS No.:_____ SDG No.:623101

Concentration Units: ug/L

EPA Sample No.	An	0 ADD ABS	1 ADD CON	1 ADD ABS	2 ADD CON	2 ADD ABS	3 ADD CON	3 ADD ABS	Final Conc.	r	Q

NYSDEC ASP

9

ICP SERIAL DILUTION

NYSDEC SAMPLE NO.

C-1W1D L

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	28118.30		28069.42		0.2		P
Antimony	3.00	U	15.00	U			P
Arsenic	12.92		20.00	U	100.0		P
Barium	56.54	B	57.46	B	1.6		P
Beryllium	1.00	U	5.00	U			P
Cadmium	1.00	U	5.00	U			P
Calcium	992.78	B	1036.96	B	4.5		P
Chromium	35.83		35.58	B	0.7		P
Cobalt	7.65	B	11.74	B	53.5		P
Copper	13.26	B	6.38	B	51.9		P
Iron	36786.11		37075.75		0.8		P
Lead	21.31		13.56	B	36.4		P
Magnesium	2567.66	B	2643.32	B	2.9		P
Manganese	214.90		215.24		0.2		P
Mercury							
Nickel	13.89	B	20.99	B	51.1		P
Potassium	1043.20	B	1247.10	B	19.5		P
Selenium	3.36	B	15.00	U	100.0		P
Silver	59.77		61.62		3.1		P
Sodium	601.24	B	2950.82	B	390.8		P
Thallium	5.00	U	25.00	U			P
Vanadium	53.15		54.66	B	2.8		P
Zinc	58.96		62.49	B	6.0		P

NYSDEC ASP

10
INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

ICP ID Number: _____ Date: 04/25/96

Flame AA ID Number : TJA1000_____

Furnace AA ID Number : _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		NR
Antimony			~~60~~ 10		NR
Arsenic			10		NR
Barium			200		NR
Beryllium			5		NR
Cadmium			5		NR
Calcium			5000		NR
Chromium			10		NR
Cobalt			50		NR
Copper			25		NR
Iron			100		NR
Lead			3		NR
Magnesium			5000		NR
Manganese			15		NR
Mercury	253.70	BD	0.2	0.082	CV
Nickel			40		NR
Potassium			5000		NR
Selenium			5		NR
Silver			10		NR
Sodium			5000		NR
Thallium			10		NR
Vanadium			50		NR
Zinc			20		NR

MH 7-15-96

Comments:

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000052

NYSDEC ASP

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

ICP ID Number: TRACE Date: 04/23/96

Flame AA ID Number :

Furnace AA ID Number :

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.20		200	30.0	P
Antimony	206.80		~~10~~ 60	3.0	P
Arsenic	189.00		10	4.0	P
Barium	234.60		200	1.0	P
Beryllium	313.00		5	1.0	P
Cadmium	226.50		5	1.0	P
Calcium	317.90		5000	16.0	P
Chromium	267.70		10	1.0	P
Cobalt	228.60		50	1.0	P
Copper	324.70		25	1.0	P
Iron	271.40		100	11.0	P
Lead	220.30		3	2.0	P
Magnesium	279.00		5000	9.0	P
Manganese	257.60		15	1.0	P
Mercury			0.2		NR
Nickel	231.60		40	2.0	P
Potassium	766.40		5000	33.0	P
Selenium	196.00		5	3.0	P
Silver	328.00		10	1.0	P
Sodium	330.20		5000	159.0	P
Thallium	190.80		10	5.0	P
Vanadium	292.40		50	1.0	P
Zinc	206.20		20	2.0	P

Mchw 7-15-96

Comments:

000053

NYSDEC ASP

11A
ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

ICP ID Number: TRACE Date: 03/27/96

Analyte	Wave-length (nm)	Interelement Correction Factors for : Al	Ca	Fe	Mg	AL
Aluminum	308.20		-0.0002100	-0.0005800	-0.0002000	
Antimony	206.80					
Arsenic	189.00					
Barium	234.60					
Beryllium	313.00					
Cadmium	226.50			0.0000770		
Calcium	317.90	0.0000180		-0.0001100	0.0001000	
Chromium	267.70				0.0000050	
Cobalt	228.60					
Copper	324.70	0.0000040	0.0000090	0.0000220	0.0000090	
Iron	271.40	0.0000180	0.0000370		-0.0009600	
Lead	220.30	0.0002320		0.0000910		-0.0001700
Magnesium	279.00		0.0000160	0.0001970		
Manganese	257.60				0.0000190	
Mercury						
Nickel	231.60				0.0000040	
Potassium	766.40		-0.0000100		-0.0000200	
Selenium	196.00			-0.0000300		
Silver	328.00					
Sodium	330.20	0.0000190		0.0001430	0.0000320	
Thallium	190.80	-0.0000100		-0.0001300		
Vanadium	292.40			0.0000360		
Zinc	206.20			0.0000160		

Comments:

000054

NYSDEC ASP

11B
ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 06231 SAS No.: SDG No.: 623101

ICP ID Number: TRACE Date: 03/27/96

Analyte	Wavelength (nm)	Interelement Correction Factors for : CA	CR	FE	MG	MN
Aluminum	308.20		-0.0127400			
Antimony	206.80		0.0045400			
Arsenic	189.00		0.0002700			
Barium	234.60					
Beryllium	313.00					
Cadmium	226.50					
Calcium	317.90		0.0042920			
Chromium	267.70					
Cobalt	228.60		-0.0002500			
Copper	324.70		0.0007720			
Iron	271.40		0.0015190			
Lead	220.30	0.0000100		0.0000560	0.0000110	
Magnesium	279.00					
Manganese	257.60					
Mercury						
Nickel	231.60					
Potassium	766.40		-0.0006000			
Selenium	196.00		-0.0004200	-0.0003000		0.0004590
Silver	328.00					
Sodium	330.20		0.0039040			
Thallium	190.80		0.0003840			
Vanadium	292.40					
Zinc	206.20		0.0014800			

Comments:

NYSDEC ASP

11B
ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

ICP ID Number: TRACE_____ Date: 03/27/96

Analyte	Wavelength (nm)	Interelement Correction Factors for : MN	V_	V_	__	__
Aluminum	308.20	-0.0128800	0.0142170			
Antimony	206.80					
Arsenic	189.00					
Barium	234.60					
Beryllium	313.00		0.0003030			
Cadmium	226.50					
Calcium	317.90	0.0044100	0.0060550			
Chromium	267.70					
Cobalt	228.60					
Copper	324.70	0.0009360	0.0006910			
Iron	271.40		0.0113220			
Lead	220.30	-0.0002400	-0.0003000			
Magnesium	279.00	-0.0033400	0.0003910			
Manganese	257.60					
Mercury						
Nickel	231.60					
Potassium	766.40	-0.0003600	-0.0004400			
Selenium	196.00	0.0003010	-0.0003500	0.0002140		
Silver	328.00					
Sodium	330.20	0.0045920	0.0064700			
Thallium	190.80	0.0005310	0.0017990			
Vanadium	292.40					
Zinc	206.20					

Comments:

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NYSDEC ASP

12
ICP LINEAR RANGES (QUARTERLY)

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231 SAS No.: _____ SDG No.: 623101

ICP ID Number: TRACE_____ Date: 05/09/96

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	400000.0	P
Antimony	15.00	50000.0	P
Arsenic	15.00	10000.0	P
Barium	15.00	100000.0	P
Beryllium	15.00	10000.0	P
Cadmium	15.00	20000.0	P
Calcium	15.00	500000.0	P
Chromium	15.00	50000.0	P
Cobalt	15.00	50000.0	P
Copper	15.00	50000.0	P
Iron	15.00	500000.0	P
Lead	15.00	10000.0	P
Magnesium	15.00	500000.0	P
Manganese	15.00	20000.0	P
Mercury			NR
Nickel	15.00	50000.0	P
Potassium	15.00	100000.0	P
Selenium	15.00	10000.0	P
Silver	15.00	5000.0	P
Sodium	15.00	400000.0	P
Thallium	15.00	20000.0	P
Vanadium	15.00	20000.0	P
Zinc	15.00	20000.0	P

Comments:

NYSDEC ASP

13
PREPARATION LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.:_06231_ SAS No.: _____ SDG No.:623101

Method: P_

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
B-1N1D	06/21/96	1.00	200
B-1N1S	06/21/96	1.00	200
C-1N1D	06/21/96	1.00	200
C-1N1S	06/21/96	1.00	200
C-1W1D	06/21/96	1.00	200
C-1W1DD	06/21/96	1.00	200
C-1W1DS	06/21/96	1.00	200
C-1W1S	06/21/96	1.00	200
C-1W2D	06/21/96	1.00	200
C-1W2S	06/21/96	1.00	200
C-1W3D	06/21/96	1.00	200
C-1W3S	06/21/96	1.00	200
C-1W4D	06/21/96	1.00	200
C-1W4S	06/21/96	1.00	200
DUP-1	06/21/96	1.00	200
LCSS	06/21/96	1.00	200
PBS	06/21/96	1.00	200
SB-6A	06/21/96	1.00	200
SB-6B	06/21/96	1.00	200

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PREPARATION LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.:_06231_ SAS No.: _____ SDG No.:623101

Method: P_

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
F-BLK	06/21/96		100
LCSW	06/21/96		100
PBW	06/21/96		100
RIN-1	06/21/96		100
T-BLK	06/21/96		100

NYSDEC ASP

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PREPARATION LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.:_06231_ SAS No.: _____ SDG No.:623101

Method: CV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
F-BLK	06/27/96		100
LCSW	06/27/96		100
PBW	06/27/96		100
RIN-1	06/27/96		100
T-BLK	06/27/96		100

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PREPARATION LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.:_06231_ SAS No.: _____ SDG No.:623101

Method: CV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	07/08/96	0.20	100
PBS	07/08/96	0.20	100
SB-6A	07/08/96	0.20	100
SB-6B	07/08/96	0.20	100

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PREPARATION LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.:_06231_ SAS No.: _____ SDG No.:623101

Method: CV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
C-1W1D	07/09/96	0.20	100
C-1W1DD	07/09/96	0.20	100
C-1W1DS	07/09/96	0.20	100
LCSS	07/09/96	0.20	100
PBS	07/09/96	0.20	100

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PREPARATION LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.:_06231_ SAS No.: _____ SDG No.:623101

Method: CV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS2	07/12/96	0.20	100
PBS2	07/12/96	0.20	100
SB-6A	07/12/96	0.20	100
SB-6B	07/12/96	0.20	100

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ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231_ SAS No.: _____ SDG No.:623101

Instrument ID Number: TJA1000_____ Method: CV

Start Date: 06/27/96 End Date: 06/27/96

ASP Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	2008																X									
S0.2	1.00	2016																X									
S0.5	1.00	2020																X									
S2	1.00	2025																X									
S5	1.00	2028																X									
S10	1.00	2031																X									
ICV	1.00	2036																X									
ICB	1.00	2039																X									
CCV	1.00	2042																X									
CCB	1.00	2046																X									
[illegible]A	1.00	2049																									
CRA	1.00	2054																X									
PBW	1.00	2057																X									
LCSW	1.00	2101																X									
ZZZZZZ	1.00	2105																									
ZZZZZZ	1.00	2108																									
ZZZZZZ	1.00	2112																									
ZZZZZZ	1.00	2116																									
ZZZZZZ	1.00	2119																									
ZZZZZZ	1.00	2123																									
CCV	1.00	2126																X									
CCV	1.00	2130																									
CCB	1.00	2134																X									
T-BLK	1.00	2140																X									
ZZZZZZ	1.00	2144																									
ZZZZZZ	1.00	2148																									
ZZZZZZ	1.00	2151																									
ZZZZZZ	1.00	2154																									
ZZZZZZ	1.00	2200																									
ZZZZZZ	1.00	2204																									
ZZZZZZ	1.00	2207																									
ZZZZZZ	1.00	2211																									

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ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231_ SAS No.: _____ SDG No.:623101

Instrument ID Number: TJA1000_____ Method: CV

Start Date: 06/27/96 End Date: 06/27/96

ASP Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	2214																												
CCV	1.00	2217																X												
CCB	1.00	2220																X												
ZZZZZZ	1.00	2223																												
F-BLK	1.00	2227																												
RIN-1	1.00	2231																												
CCV	1.00	2234																X												
CCB	1.00	2238																X												

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000065

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ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231_ SAS No.: _____ SDG No.:623101

Instrument ID Number: TJA1000_____ Method: CV

Start Date: 07/10/96 End Date: 07/10/96

ASP Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1420																X									
S0.2	1.00	1423																X									
S0.5	1.00	1425																X									
S2	1.00	1428																X									
S5	1.00	1431																X									
S10	1.00	1433																X									
ICV	1.00	1436																X									
ICB	1.00	1440																X									
CCV	1.00	1442																X									
CCB	1.00	1445																X									
[illegible]	1.00	1448																X									
ZZZZZZ	1.00	1450																									
ZZZZZZ	1.00	1458																									
ZZZZZZ	1.00	1501																									
ZZZZZZ	1.00	1503																									
ZZZZZZ	1.00	1506																									
ZZZZZZ	1.00	1510																									
ZZZZZZ	1.00	1512																									
ZZZZZZ	1.00	1515																									
ZZZZZZ	1.00	1517																									
CCV	1.00	1520																X									
CCB	1.00	1522																X									
ZZZZZZ	1.00	1525																									
PBS	1.00	1527																X									
LCSS	1.00	1530																X									
ZZZZZZ	1.00	1533																									
ZZZZZZ	1.00	1535																									
ZZZZZZ	1.00	1538																									
ZZZZZZ	1.00	1540																									
ZZZZZZ	1.00	1543																									
ZZZZZZ	1.00	1545																									
ZZZZZZ	1.00	1548																									

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ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231_ SAS No.: _____ SDG No.:623101

Instrument ID Number: TJA1000_____ Method: CV

Start Date: 07/10/96 End Date: 07/10/96

ASP Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV	1.00	1550																X								
CCB	1.00	1553																X								
C-1W1D	1.00	1556																X								
C-1W1DD	1.00	1558																X								
C-1W1DS	1.00	1601																X								
ZZZZZZ	10.00	1610																								
ZZZZZZ	1.00	1613																								
ZZZZZZ	2.00	1620																								
ZZZZZZ	5.00	1626																								
ZZZZZZ	25.00	1629																								
ZZZZ	25.00	1635																								
ZZZZZZ	25.00	1638																								
CCV	1.00	1641																X								
CCB	1.00	1644																X								
ZZZZZZ	10.00	1646																								
ZZZZZZ	10.00	1649																								
ZZZZZZ	10.00	1652																								
ZZZZZZ	10.00	1654																								
ZZZZZZ	1.00	1657																								
ZZZZZZ	5.00	1700																								
ZZZZZZ	50.00	1703																								
ZZZZZZ	50.00	1705																								
CCV	1.00	1708																X								
CCB	1.00	1710																X								

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ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231_ SAS No.: _____ SDG No.:623101

Instrument ID Number: TJA1000_____ Method: CV

Start Date: 07/12/96 End Date: 07/12/96

ASP Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1805																X									
S0.2	1.00	1808																X									
S0.5	1.00	1811																X									
S2	1.00	1814																X									
S5	1.00	1816																X									
S10	1.00	1819																X									
ICV	1.00	1822																X									
ICB	1.00	1825																X									
CCV	1.00	1828																X									
CCB	1.00	1831																X									
A	1.00	1834																X									
ZZZZZZ	1.00	1837																									
ZZZZZZ	1.00	1840																									
ZZZZZZ	1.00	1843																									
ZZZZZZ	1.00	1846																									
ZZZZZZ	1.00	1849																									
ZZZZZZ	1.00	1852																									
ZZZZZZ	1.00	1855																									
ZZZZZZ	1.00	1858																									
ZZZZZZ	1.00	1901																									
CCV	1.00	1904																X									
CCB	1.00	1907																X									
ZZZZZZ	1.00	1912																									
ZZZZZZ	1.00	1915																									
ZZZZZZ	1.00	1918																									
ZZZZZZ	1.00	1921																									
CCV	1.00	1924																X									
CCB	1.00	1927																X									
PBS2	1.00	2017																X									
LCSS2	1.00	2021																X									
SB-6A	1.00	2024																X									
SB-6B	1.00	2027																X									

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ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231_ SAS No.: _____ SDG No.:623101

Instrument ID Number: TJA1000_____ Method: CV

Start Date: 07/12/96 End Date: 07/12/96

ASP Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	2030																												
ZZZZZZ	1.00	2033																												
ZZZZZZ	1.00	2036																												
ZZZZZZ	1.00	2039																												
ZZZZZZ	1.00	2042																												
ZZZZZZ	1.00	2045																												
CCV	1.00	2048																X												
CCB	1.00	2054																X												

NYSDEC ASP

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ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231_ SAS No.: _____ SDG No.:623101

Instrument ID Number: TRACE_____ Method: P_

Start Date: 06/30/96 End Date: 06/30/96

ASP Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
SO	1.00	1021		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
STD2	1.00	1026		_	X	X	X	X	X	_	X	X	X	_	_	_	X	_	X	_	_	X	_	X	X	X	_
STD3	1.00	1031		X	_	_	_	_	_	X	_	_	_	X	_	X	_	_	_	X	_	_	X	_	_	_	_	_
STD5	1.00	1037		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
STD4	1.00	1041		_	_	_	X	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ICV	1.00	1046		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ICB	1.00	1052		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCV	1.00	1058		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCB	1.00	1104		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CRI	1.00	1109		_	X	X	_	X	X	_	X	X	X	_	X	_	X	_	X	_	X	X	_	X	X	X	_
SA	1.00	1115		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ICSAB	1.00	1121		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ZZZZZZ	1.00	1127		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1132																										
PBW	1.00	1138		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
LCSW	1.00	1144		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	_	X	X	X	X	X	_
F-BLK	1.00	1149							X													X					
CCV	1.00	1155		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCB	1.00	1201		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
RIN-1	1.00	1207							X													X					
T-BLK	1.00	1212		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
PBS	1.00	1218		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
LCSS	1.00	1224		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	_	X	X	X	X	X	X	_
C-1W1D	1.00	1230		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
C-1W1DD	1.00	1235		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
C-1W1DS	1.00	1241		X	X	X	X	X	X	_	X	X	X	X	X	_	X	_	X	_	X	X	_	X	X	X	_
C-1W1DL	5.00	1247		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
C-1W1DA	1.00	1302			X																						
CCV	1.00	1307		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCB	1.00	1313		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
C-1N1S	1.00	1319		_	_	_	_	_	X	_	_	_	_	_	_	_	_	_	_	_	_	X	_	_	_	_	_
C-1N1D	1.00	1324		_	_	_	_	_	X	_	_	_	_	_	_	_	_	_	_	_	_	X	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_

NYSDEC ASP

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ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231_ SAS No.: _____ SDG No.:623101

Instrument ID Number: TRACE_____ Method: P_

Start Date: 06/30/96 End Date: 06/30/96

ASP Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
C-1W1S	1.00	1330							X													X					
C-1W2S	1.00	1336							X													X					
C-1W2D	1.00	1342							X													X					
B-1N1S	1.00	1347							X													X					
B-1N1D	1.00	1353							X													X					
C-1W3S	1.00	1359							X													X					
C-1W3D	1.00	1405							X													X					
C-1W4S	1.00	1410							X													X					
CCV	1.00	1416		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCB	1.00	1422		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
1W4D	1.00	1428							X													X					
DUP-1	1.00	1433							X													X					
SB-6A	1.00	1439		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
SB-6B	1.00	1445		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ZZZZZZ	1.00	1451																										
ZZZZZZ	1.00	1456																										
ZZZZZZ	1.00	1502																										
ZZZZZZ	1.00	1508																										
ZZZZZZ	1.00	1513																										
CCV	1.00	1519		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCB	1.00	1525		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ZZZZZZ	1.00	1531																										
ZZZZZZ	5.00	1536																										
ZZZZZZ	1.00	1542																										
ZZZZZZ	1.00	1548																										
ZZZZZZ	1.00	1554																										
ZZZZZZ	1.00	1559																										
ZZZZZZ	1.00	1605																										
ZZZZZZ	5.00	1611																										
ZZZZZZ	1.00	1617																										
ZZZZZZ	1.00	1622																										
CCV	1.00	1628		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_

NYSDEC ASP

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ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231_ SAS No.: _____ SDG No.:623101

Instrument ID Number: TRACE_____ Method: P_

Start Date: 06/30/96 End Date: 06/30/96

ASP Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB	1.00	1634		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ZZZZZZ	1.00	1640		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1645		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1651		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1657		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1703		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1708		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1714		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1720		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
CCV	1.00	1726		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
[illegible]B	1.00	1731		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ZZZZZZ	1.00	1737		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
CRI	1.00	1743		_	X	X	_	X	X	_	X	X	X	_	X	_	X	_	X	_	X	X	_	X	X	X	_
ICSA	1.00	1749		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ICSAB	1.00	1754		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCV	1.00	1800		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCB	1.00	1806		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
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				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_

060072

NYSDEC ASP

14
ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231_ SAS No.: _____ SDG No.:623101

Instrument ID Number: TRACE_____ Method: P_

Start Date: 07/01/96 End Date: 07/01/96

ASP Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0830		X						X				X		X				X	X						
STD2	1.00	0835																									
STD3	1.00	0840		X						X				X		X				X							
STD5	1.00	0846																									
STD4	1.00	0850																									
ICV	1.00	0855																		X	X						
ICB	1.00	0901																		X	X						
CCV	1.00	0907																		X	X						
CCB	1.00	0913																		X	X						
CRI	1.00	0918																			X						
ICSA	1.00	0924		X						X				X		X				X	X						
ICSAB	1.00	0930		X						X				X		X				X	X						
ZZZZZZ	1.00	0938																									
ZZZZZZ	1.00	0943																									
ZZZZZZ	1.00	1021																									
ZZZZZZ	1.00	1027																									
CCV	1.00	1033																		X	X						
CCB	1.00	1038																		X	X						
ZZZZZZ	1.00	1050																									
ZZZZZZ	1.00	1056																									
ZZZZZZ	1.00	1102																									
ZZZZZZ	1.00	1108																									
ZZZZZZ	1.00	1113																									
ZZZZZZ	5.00	1119																									
ZZZZZZ	1.00	1125																									
ZZZZZZ	1.00	1131																									
ZZZZZZ	1.00	1136																									
ZZZZZZ	1.00	1142																									
CCV	1.00	1148																		X	X						
CCB	1.00	1154																		X	X						
ZZZZZZ	1.00	1159																									
ZZZZZZ	1.00	1205																									

000073

NYSDEC ASP

14
ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231_ SAS No.: _____ SDG No.:623101

Instrument ID Number: TRACE_____ Method: P_

Start Date: 07/01/96 End Date: 07/01/96

ASP Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1245																									
ZZZZZZ	1.00	1251																									
ZZZZZZ	1.00	1257																									
ZZZZZZ	1.00	1307																									
ZZZZZZ	1.00	1313																									
ZZZZZZ	1.00	1318																									
ZZZZZZ	1.00	1324																									
ZZZZZZ	1.00	1330																									
CCV	1.00	1336																	X	X							
CCB	1.00	1341																	X	X							
ZZZZ	1.00	1351																									
ZZZZZZ	1.00	1356																									
ZZZZZZ	1.00	1402																									
ZZZZZZ	1.00	1408																									
LCSW	1.00	1418																		X							
LCSS	1.00	1424																	X								
ZZZZZZ	1.00	1439																									
ZZZZZZ	1.00	1445																									
ZZZZZZ	1.00	1451																									
CCV	1.00	1456																	X	X							
CCB	1.00	1502																	X	X							
ZZZZZZ	1.00	1514																									
ZZZZZZ	1.00	1520																									
ZZZZZZ	1.00	1525																									
ZZZZZZ	1.00	1531																									
ZZZZZZ	1.00	1537																									
ZZZZZZ	1.00	1543																									
ZZZZZZ	1.00	1548																									
ZZZZZZ	1.00	1554																									
ZZZZZZ	1.00	1600																									
CCV	1.00	1606																	X	X							
CCB	1.00	1611																	X	X							

NYSDEC ASP

14
ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 06231_ SAS No.: _____ SDG No.:623101

Instrument ID Number: TRACE_____ Method: P_

Start Date: 07/01/96 End Date: 07/01/96

ASP Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1617																									
CRI	1.00	1623																		X						
ICSA	1.00	1629		X						X				X		X				X	X					
ICSAB	1.00	1634		X						X				X		X				X	X					
CCV	1.00	1640																		X	X					
CCB	1.00	1646																		X	X					

FORM XIV - IN 12/91

Laboratory Resources Inc.
Division: Teterboro
Department: Metals

ANALYSIS RUN LOG
= TRACE ICP =

Date: 6-30-96
Shift: Day
Instr: TJA 61E Trace
Table: 062796A
Data File: _____
Analyst: JKS
Batch No.: 1922, 1934, 1956
Raw Data w/: (1922), 1934, 1956
Reviewed By: _____

Standard Id.	LRI Lot No.
STD1-BLANK	
STD2	
STD3	
STD4	
STD5	
ICV/CCV	
ICB/CCB	
EIGH STD	
ICSA	
ICSAB CLP	
ICSAB SW846	
CRI CLP	
CRI SW846	
10XPQL	
100XPQL	
IDL SOLN	
AUTOIECAl	
AUTOIECCa	
AUTOIECMg	
AUTOIECFe	

LRI Sample Id.	Batch No.	Cup No.	Matrix	Factors Prep	Instr	Final	Elements
ICV -1		2-1					
ICB -1		2-2					
CCV -1 -1		2-3					
CCB -1 -1		2-4					
1 AUTOIECAl							
2 AUTOIECCa							
3 AUTOIECMg							
4 AUTOIECFe							
5 CRI -1 -1		2-5					
6 ICSA -1 -1		2-6					
7 ICSAB -1 -1		2-7					
~~ccv~~ LCSS2		2-8					
~~ccb~~ LCSS3.45		2-9					
PBW -1922	1922	2-10	W	ID		ID	TAL
LCSW -1922	↓	2-11	↓	↓		↓	↓ See 1H3H, RR
0623103	↓	2-12	↓	↓		↓	↓
CCV-1-2		2-13					
CCB-1-2		2-14					
0623106	1922	2-15	W	ID		ID	TAL
0623118	↓	2-16	↓	↓		↓	↓

Division: Teterboro
Department: Metals

ANALYSIS RUN LOG
= TRACE ICP =

Date: 6-30-96
Analyst: JRS

Batch No.: 1922, 1934, 1956

LRI Sample Id.	Batch No.	Cup No.	Matrix	Factors Prep	Factors Instr	Factors Final	Elements
PBS-1922	1922	2-17	S	200D		200D	TAL
LCSS-1922	↓	2-18	↓	↓		↓	P K High. RR
0623105		2-19					
0623105D		2-20					
0623105S		2-21					
0623105L		2-22			5D	100D	
0623105A		2-23					Sb
CCV-1-3		2-24					
CCB-1-3		2-25					
0623101	1922	2-26	S	200D		200D	TAL
0623102		2-27					
0623104		2-28					
0623107		2-29					
0623108		2-30					
0623109		2-31					
0623110		2-32					
0623111		2-33					
0623112		2-34					
0623113	↓	2-35	↓	↓		↓	
CCV-1-4		2-36					
CCB-1-4		2-37					
0623114	1922	2-38	S	200D		200D	TAL
0623115	↓	2-39	↓	↓		↓	
0623116		2-40					
0623117 PBW-1934/1956	1934 1956	2-41	↓	↓		↓	
PBW-1934/1956	1934 1956	2-42	W	1D		1D	TAL
LLSW-1934/1956	↓	2-43					Pb Low. RR
0623908	1934	2-44					
0623911	↓	2-45					
0623911D		2-46	↓	↓		↓	↓

000077

0124

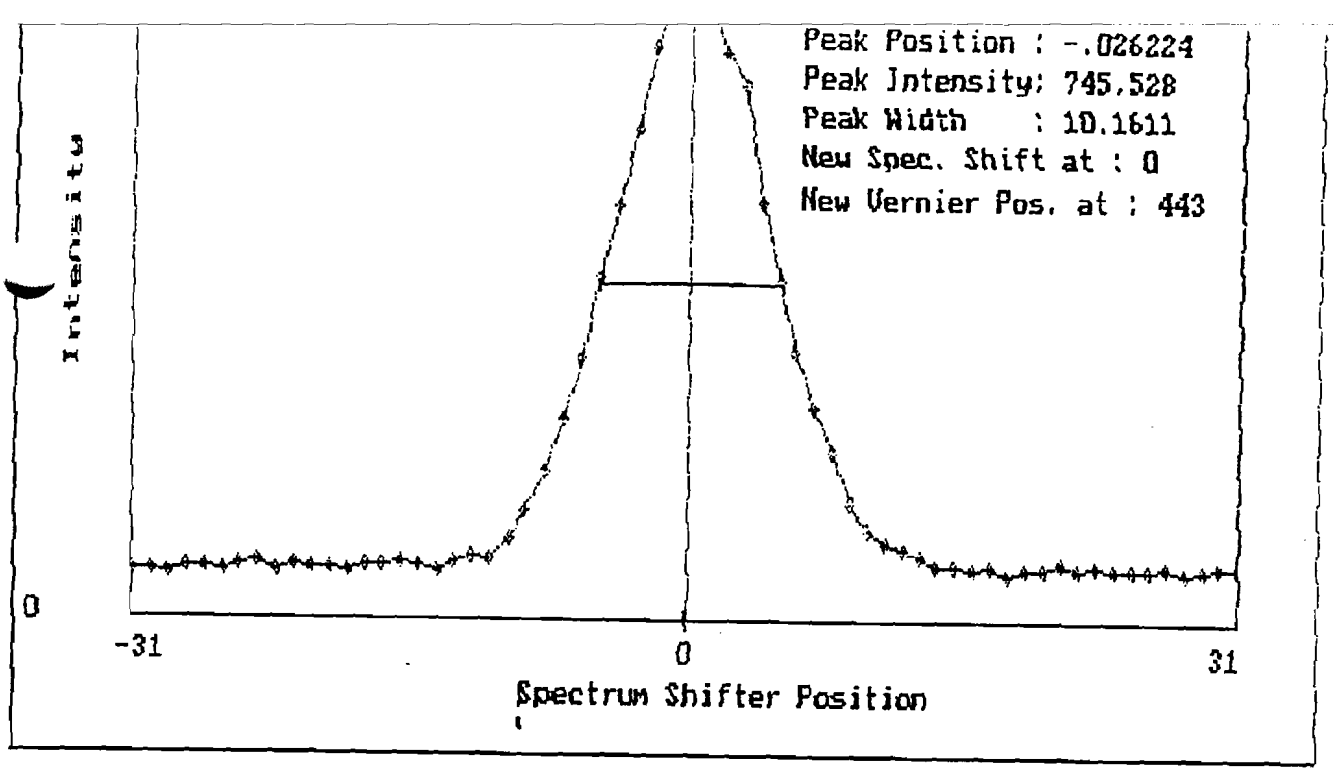
Laboratory Resources Inc.
Division: Teterboro
Department: Metals

ANALYSIS RUN LOG
= TRACE ICP =

Date: 6-30-96
Analyst: JMS

Batch No.: 1922, 1934, 1956

LRI Sample Id.	Batch No.	Cup No.	Matrix	Factors Prep	Factors Instr	Factors Final	Elements
CCV-1-5		3-47					
CCB-1-5		3-48					
06239115R	1934	3-1	W	1D		1D	TAL,
06239115		3-2			5D	5D	
0623911A		3-3				1D	
0627802		3-4					
0633601	1956	3-5					
0633601D		3-6					
0633601SR		3-7					
0633601L		3-8			5D	5D	
0633601A		3-9				1D	
0633602		3-10					
CCV-1-6		3-11					
CCB-1-6		3-12					
0633603	1956	3-13	W	1D		1D	TAL RR AS. SE
0633604		3-14					
0633605		3-15					
0633606		3-16					
0636701		3-17					
0636702		3-18					
0636703		3-19					
0636704		3-20					
CCV-1-7		3-21					AS, SE High,
CCB-1-7		3-22					
CRIA-1-7		3-23					
CRI-1-2		3-24					
ICSA-1-2		3-25					
ICSAB-1-2		3-26					
CCV-1-8		3-27					
CCB-1-8		3-28					AS, SE High


Peak Position : -.026224
Peak Intensity: 745.528
Peak Width : 10.1611
New Spec. Shift at : 0
New Vernier Pos. at : 443
Intensity
0
-31
0
31
Spectrum Shifter Position

Method: TRACE2 Standard: STD1-Blank

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Ba2/4	Be3130
Avge	-.00209	.02951	-.00339	.00098	.00256	.00054	-.02144
SDev	.00013	.00058	.00178	.00026	.00040	.00072	.00008
%RSD	6.1796	1.9668	52.530	26.886	15.627	132.73	.35658
#1	-.00212	.02962	-.00252	.00126	.00230	.00134	-.02153
#2	-.00195	.03002	-.00221	.00096	.00302	-.00007	-.02141
#3	-.00220	.02888	-.00544	.00073	.00235	.00037	-.02138

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Avge	.00979	-.00002	-.00030	-.00005	.00435	.00076	.02424
SDev	.00035	.00004	.00027	.00008	.00007	.00036	.00043
%RSD	3.5849	173.21	90.348	173.21	1.7106	47.516	1.7818
#1	.01010	-.00007	-.00052	.00000	.00438	.00059	.02375
#2	.00986	.00000	.00000	.00000	.00427	.00118	.02458
#3	.00941	.00000	-.00037	-.00015	.00441	.00051	.02440

Elem	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960
Avge	.00066	.00010	.00010	.00393	-.00106	.00059	.00054
SDev	.00000	.00004	.00023	.00109	.00011	.00000	.00005
%RSD	.55336	42.926	228.00	27.696	10.606	.55336	8.4447
#1	.00067	.00007	.00030	.00282	-.00104	.00059	.00059
#2	.00066	.00007	.00015	.00397	-.00118	.00059	.00052
#3	.00066	.00015	-.00015	.00500	-.00096	.00059	.00051

Elem	Sb2068	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1
Avge	.00059	-.00015	-.00022	-.00224	.00007	.00037	.00640
SDev	.00032	.00013	.00007	.00228	.00013	.00008	.00746
%RSD	54.240	86.606	33.808	101.71	172.78	20.523	116.63
#1	.00037	-.00022	-.00030	-.00290	.00015	.00045	.01500
#2	.00096	.00000	-.00015	.00029	-.00007	.00037	.00169
#3	.00044	-.00022	-.00022	-.00411	.00015	.00029	.00250

Elem	2203/2	1960/1	1960/2
Avge	.00309	-.00834	.00366
SDev	.00224	.00088	.00087
%RSD	72.434	10.536	23.824
#1	.00156	-.00906	.00282
#2	.00567	-.00736	.00456
#3	.00206	-.00860	.00360

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Sem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13557	--	--	--	--	--	--
SDev	74.79527	--	--	--	--	--	--
%RSD	.5517232	--	--	--	--	--	--
#1	13471	--	--	--	--	--	--
#2	13590	--	--	--	--	--	--
#3	13609	--	--	--	--	--	--

Method: TRACE2 Standard: STD2

lem	Ag3280	As1890	Ba2/4	Be3130	Cd2265	Co2286	Cr2677
vge	.96444	.73661	15.155	1.8838	.31979	.42128	.38264
SDev	.00179	.00386	.032	.0044	.00078	.00059	.00089
%RSD	.18520	.52473	.20803	.23583	.24453	.14032	.23239
#1	.96277	.74098	15.137	1.8788	.31896	.42066	.38161
#2	.96632	.73362	15.191	1.8853	.31990	.42135	.38317
#3	.96424	.73525	15.136	1.8873	.32051	.42183	.38313

Elem	Cu3247	Mn2576	Mo2020	Ni2316	Sb2068	Sn1899	Ti1908
Avge	.76208	.54736	.16220	.35694	.22079	.12892	.52199
SDev	.00169	.00128	.00062	.00229	.00081	.00017	.00314
%RSD	.22194	.23374	.38309	.64167	.36743	.12878	.60172
#1	.76141	.54597	.16148	.35437	.22081	.12879	.51979
#2	.76400	.54849	.16260	.35770	.21997	.12911	.52559
#3	.76083	.54761	.16252	.35876	.22159	.12887	.52060

Elem	V_2924	Zn2062	2203/1	2203/2	1960/1	1960/2
Avge	.27437	.16046	2.7676	2.5346	.74046	.64006
SDev	.00045	.00008	.0053	.0148	.00482	.00227
%RSD	.16539	.05100	.19140	.58395	.65142	.35470
#1	.27386	.16042	2.7625	2.5224	.73507	.63806
#2	.27455	.16041	2.7673	2.5305	.74193	.64253
#3	.27471	.16056	2.7730	2.5511	.74438	.63958

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13233	--	--	--	--	--	--
SDev	19.75686	--	--	--	--	--	--
%RSD	.1493037	--	--	--	--	--	--
#1	13215	--	--	--	--	--	--
#2	13229	--	--	--	--	--	--
#3	13254	--	--	--	--	--	--

Method: TRACE2 Standard: STD3

Elem	Al3082	Ca3179	Fe2714	K_7664	Mg2790	Na3302
Avge	3.1383	39.486	16.343	87.884	21.178	7.6509
SDev	.0353	.518	.201	.865	.260	.0850
%RSD	1.1262	1.3131	1.2289	1.0070	1.2289	1.1109
#1	3.1718	39.924	16.519	88.720	21.409	7.7302
#2	3.1417	39.620	16.387	87.974	21.229	7.6614
#3	3.1014	38.914	16.124	86.957	20.896	7.5612

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12859	--	--	--	--	--	--
SDev	155.6181	--	--	--	--	--	--
%RSD	1.210188	--	--	--	--	--	--
#1	12712	--	--	--	--	--	--
#2	12843	--	--	--	--	--	--
#3	13022	--	--	--	--	--	--

Method: TRACE2 Standard: STD5

Elem	B_249s
Avge	4.3104
SDev	.0168
%RSD	.38948
#1	4.3100
#2	4.2938
#3	4.3274

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13439	--	--	--	--	--	--
SDev	53.90115	--	--	--	--	--	--
%RSD	.4010900	--	--	--	--	--	--
#1	13450	--	--	--	--	--	--
#2	13486	--	--	--	--	--	--
#3	13380	--	--	--	--	--	--

Method: TRACE2 Standard: STD4

Elem	Ba2/4	Ti372
Avge	2.5734	10.425
SDev	.0152	.058
%RSD	.59091	.55883
#1	2.5735	10.421
#2	2.5581	10.369
#3	2.5885	10.485

IntStd	1	2	3	4	5	6	7
Mode	#Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13137	--	--	--	--	--	--
SDev	51.18919	--	--	--	--	--	--
%RSD	.3896467	--	--	--	--	--	--
#1	13150	--	--	--	--	--	--
#2	13181	--	--	--	--	--	--
#3	13081	--	--	--	--	--	--

Method: TRACE2 Slope = Conc(STR)/IR

ement	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
3280	328.068	STD2	STD1-Blank	1034.66	2.16238	06/30/96 10:41:56
Al3082	308.215	STD3	STD1-Blank	6442.59	-190.098	06/30/96 10:41:56
As1890	189.042	STD2	STD1-Blank	1351.03	4.57955	06/30/96 10:41:56
B_2496	249.678	STD5	STD1-Blank	2320.52	-2.28444	06/30/96 10:41:56
Ba2/4	234.758	STD4	STD1-Blank	7779.65	-19.8888	06/30/96 10:41:56
Ba2/4	493.409	STD2	STD1-Blank	65.9875	-.035854	06/30/96 10:41:56
Be3130	313.042	STD2	STD1-Blank	525.036	11.2574	06/30/96 10:41:56
Ca3179	317.933	STD3	STD1-Blank	5065.58	-49.5777	06/30/96 10:41:56
Cd2265	226.502	STD2	STD1-Blank	3126.82	.077372	06/30/96 10:41:56
Co2286	228.616	STD2	STD1-Blank	2371.46	.701192	06/30/96 10:41:56
Cr2677	267.716	STD2	STD1-Blank	2613.10	.128008	06/30/96 10:41:56
Cu3247	324.753	STD2	STD1-Blank	1319.20	-5.74137	06/30/96 10:41:56
Fe2714	271.441	STD3	STD1-Blank	12226.7	-9.31498	06/30/96 10:41:56
K_7664	766.491	STD3	STD1-Blank	.770840	.013079	06/30/96 10:41:56
Mg2790	279.078	STD3	STD1-Blank	9446.51	-6.27147	06/30/96 10:41:56
Mn2576	257.610	STD2	STD1-Blank	1827.29	-.179549	06/30/96 10:41:56
Mo2020	202.030	STD2	STD1-Blank	6169.03	-.611021	06/30/96 10:41:56
Na3302	330.232	STD3	STD1-Blank	.806346	.009343	06/30/96 10:41:56
Ni2316	231.604	STD2	STD1-Blank	2793.29	2.95331	06/30/96 10:41:56
Pb2203	220.353	NONE	STD1-Blank	.000000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	STD1-Blank	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1-Blank	4567.20	-2.69257	06/30/96 10:41:56
Sn1899	189.989	STD2	STD1-Blank	7747.67	1.14444	06/30/96 10:41:56
Ti3372	337.280	STD4	STD1-Blank	1918.43	.424960	06/30/96 10:41:56
Tl1908	190.864	STD2	STD1-Blank	1914.03	4.28468	06/30/96 10:41:56
2924	292.402	STD2	STD1-Blank	3645.68	-.269592	06/30/96 10:41:56
Zn2062	206.200	STD2	STD1-Blank	6255.64	-2.30884	06/30/96 10:41:56
2203/1	220.351	STD2	STD1-Blank	362.056	-2.31546	06/30/96 10:41:56
2203/2	220.352	STD2	STD1-Blank	394.896	-1.22185	06/30/96 10:41:56
1960/1	196.021	STD2	STD1-Blank	1336.01	11.1388	06/30/96 10:41:56
1960/2	196.022	STD2	STD1-Blank	1571.98	-5.75534	06/30/96 10:41:56

Method: TRACE2 Sample Name: ICV-1 Operator:
Run Time: 06/30/96 10:46:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	520.20	9830.5	525.33	5218.2	497.53	502.74	102890.
SDev	1.24	26.9	6.04	17.0	1.34	.91	156.
%RSD	.23818	.27313	1.1492	.32652	.26962	.18094	.15180
#1	518.80	9811.2	522.46	5202.1	496.08	502.09	102770.
#2	521.15	9861.1	532.26	5216.5	498.72	503.75	103070.
#3	520.64	9819.1	521.26	5236.1	497.80	502.35	102840.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	479.84	498.58	488.20	507.90	100930.	99926.	96742.
SDev	1.25	.67	1.53	1.17	190.	181.	176.
%RSD	.26032	.13475	.31302	.22956	.18866	.18072	.18230
#1	479.39	498.86	486.55	507.40	100760.	99736.	96636.
#2	481.25	499.06	489.56	509.23	101140.	100100.	96946.
#3	478.87	497.81	488.50	507.07	100910.	99947.	96644.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	494.62	493.61	95261.	488.62	488.81	512.08	513.14
SDev	1.02	3.28	134.	.65	1.59	5.05	1.75
%RSD	.20600	.66510	.14091	.13312	.32454	.98631	.34177
#1	493.67	491.48	95282.	488.32	488.45	507.58	511.23
#2	495.70	497.39	95383.	489.37	490.54	517.55	513.51
#3	494.49	491.96	95117.	488.18	487.43	511.13	514.68
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	505.08	10405.	482.06	505.38	481.23	490.67	487.88
SDev	1.41	20.	3.59	1.37	.96	1.51	2.41
%RSD	.27929	.19562	.74571	.27105	.19866	.30845	.49397
#1	506.09	10390.	481.53	504.53	480.22	492.33	486.52
#2	505.69	10428.	485.89	506.96	481.36	490.30	490.88
#3	503.47	10397.	478.76	504.66	482.12	489.37	486.45
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

Low	450.00	9000.0	450.00	450.00	450.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	513.45	511.40
SDev	3.75	6.35
%RSD	.72949	1.2422
#1	509.14	506.80
#2	515.33	518.65
#3	515.89	508.75
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12940	--	--	--	--	--	--
SDev	13.22876	--	--	--	--	--	--
%RSD	.1022315	--	--	--	--	--	--
#1	12950	--	--	--	--	--	--
#2	12945	--	--	--	--	--	--
#3	12925	--	--	--	--	--	--

Method: TRACE2 Sample Name: ICB-1 Operator:
Run Time: 06/30/96 10:52:42
mment:
ode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.23050	52.986	.84552	65.019	.70835	-.15390	18.278
SDev	.07819	11.169	2.2735	9.041	.46233	.04904	5.571
%RSD	33.923	21.080	268.89	13.906	65.268	31.867	30.480
#1	.30946	40.122	3.1689	61.958	.40728	-.10447	16.200
#2	.15310	58.608	-1.3747	75.193	1.2407	-.15470	24.589
#3	.22894	60.227	.74233	57.905	.47709	-.20255	14.044
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	6.0000	500.00	5.0000	5.0000	200.00
Low	-5.0000	-200.00	-6.0000	-500.00	-5.0000	-5.0000	-200.00

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.07872	.70145	.32311	-.65115	5.3114	29.593	9.7166
SDev	.13504	.00009	.33805	.29795	6.4078	6.532	1.4673
%RSD	171.55	.01205	104.62	45.758	120.64	22.074	15.101
#1	.07721	.70150	.51795	-.32726	2.5563	24.918	9.2336
#2	-.15623	.70135	-.06723	-.91359	.74189	37.057	11.365
#3	-.15714	.70150	.51862	-.71259	12.636	26.804	8.5517
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	3.0000	10.000	10.000	25.000	100.00	1000.0	200.00
Low	-3.0000	-10.000	-10.000	-25.000	-100.00	-1000.0	-200.00

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.13883	.31049	H515.44	.44965	-1.7000	1.0923	.03435
SDev	.07851	.00079	48.47	.41837	1.6045	2.0370	2.6514
%RSD	56.555	.25561	9.4029	93.044	94.380	186.48	7717.7
#1	.22949	.30966	473.55	.45200	-2.3813	2.9254	-1.6637
#2	.09339	.31055	H568.52	.86685	-2.8515	1.4521	3.0896
#3	.09360	.31124	H504.24	.03011	.13268	-1.1006	-1.3228
Errors	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	25.000	500.00	20.000	3.0000	5.0000	10.000
Low	-5.0000	-25.000	-500.00	-20.000	-3.0000	-5.0000	-10.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.3370	1.7623	-2.8998	.09334	1.1150	-.78846	-2.1552
SDev	.6683	.7070	1.4776	.15730	.5368	1.68163	2.9145
%RSD	49.986	40.115	50.955	168.52	48.140	213.28	135.23
#1	1.7226	1.2839	-4.5551	.00236	1.4227	-2.0026	-2.5703
#2	1.7231	2.5744	-1.7140	.00269	1.4272	1.1310	-4.8398
#3	.56531	1.4288	-2.4303	.27498	.49523	-1.4938	0.0000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	50.000	50.000	10.000	5.0000	20.000		

000090

Low	-50.000	-50.000	-10.000	-5.0000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	4.6169	-.66733
SDev	1.7542	2.78305
%RSD	37.995	417.04
#1	6.4503	1.1656
#2	2.9544	.70216
#3	4.4461	-3.8698
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13389	--	--	--	--	--	--
SDev	11.53256	--	--	--	--	--	--
%RSD	.0861346	--	--	--	--	--	--
#1	13401	--	--	--	--	--	--
#2	13388	--	--	--	--	--	--
#3	13378	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCV-1-1 Operator:
Run Time: 06/30/96 10:58:27
mment:
ode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	509.61	9629.7	510.92	5128.5	488.86	491.13	100290.
SDev	1.48	29.5	5.19	32.3	2.26	1.05	243.
%RSD	.28987	.30666	1.0159	.63078	.46292	.21443	.24204
#1	509.60	9638.9	510.14	5097.3	486.69	491.30	100470.
#2	511.09	9653.5	506.17	5161.9	491.21	492.10	100380.
#3	508.14	9596.7	516.46	5126.3	488.70	490.01	100010.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	468.75	486.84	477.36	496.62	98413.	98300.	94445.
SDev	1.00	1.33	.56	1.25	221.	181.	235.
%RSD	.21431	.27360	.11719	.25166	.22450	.18461	.24914
#1	468.77	487.48	477.19	497.03	98537.	98179.	94553.
#2	469.75	487.72	477.98	497.61	98544.	98509.	94607.
#3	467.74	485.30	476.90	495.22	98158.	98212.	94175.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	483.00	480.39	93583.	478.91	478.47	502.25	502.37
SDev	1.37	2.74	380.	1.73	1.88	5.21	.87
%RSD	.28312	.57064	.40608	.36121	.39220	1.0375	.17382
#1	483.35	482.48	93398.	477.50	476.37	496.41	503.07
#2	484.16	481.40	94021.	478.40	479.07	506.42	502.64
#3	481.49	477.29	93332.	480.84	479.97	503.91	501.39
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	494.77	10160.	467.33	491.86	468.46	479.08	478.16
SDev	2.46	25.	2.28	.91	1.18	.53	2.82
%RSD	.49745	.24815	.48733	.18505	.25087	.11069	.58968
	497.55	10161.	466.39	492.62	468.10	478.91	475.09
#2	493.92	10184.	465.67	492.11	469.78	479.67	478.77
#3	492.85	10134.	469.93	490.85	467.51	478.65	480.64
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

Low	450.00	9000.0	450.00	450.00	450.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	505.76	500.50
SDev	7.83	4.53
%RSD	1.5489	.90568
#1	498.63	495.30
#2	514.15	502.57
#3	504.48	503.62
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13163	--	--	--	--	--	--
SDev	35.53871	--	--	--	--	--	--
%RSD	.2699895	--	--	--	--	--	--
#1	13204	--	--	--	--	--	--
#2	13144	--	--	--	--	--	--
#3	13141	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCB-1-1 Operator:
Run Time: 06/30/96 11:04:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.11644	80.769	.94726	103.13	.28275	-.11069	14.976
SDev	.10279	4.053	4.4845	8.08	.03526	.03237	.839
%RSD	88.278	5.0181	473.42	7.8328	12.471	29.244	5.6053
#1	-.04587	84.786	3.9735	111.37	.28037	-.14538	15.301
#2	-.23437	80.840	-4.2049	102.80	.31914	-.08129	14.023
#3	-.06907	76.681	3.0731	95.224	.24874	-.10541	15.605
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	6.0000	500.00	5.0000	5.0000	200.00
Low	-5.0000	-200.00	-6.0000	-500.00	-5.0000	-5.0000	-200.00

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.00088	.22908	.25783	-1.2441	5.9112	43.084	9.9451
SDev	.13467	.27119	.11247	.0558	3.7784	8.094	.6660
%RSD	15285.	118.38	43.623	4.4879	63.919	18.787	6.6967
#1	.07693	-.00917	.12796	-1.1975	7.1799	52.377	9.9951
#2	-.15639	.52419	.32323	-1.3060	1.6618	37.574	9.2556
#3	.07682	.17221	.32230	-1.2289	8.8920	39.301	10.585
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	3.0000	10.000	10.000	25.000	100.00	1000.0	200.00
Low	-3.0000	-10.000	-10.000	-25.000	-100.00	-1000.0	-200.00

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.09328	.00391	H512.04	.86706	-1.3620	1.1443	-1.4317
SDev	.00097	.70606	34.45	.42147	2.0423	1.6352	2.4607
%RSD	1.0393	18066.	6.7271	48.609	149.95	142.90	171.87
#1	.09411	.77497	H544.19	.86138	.30953	3.0206	1.4029
#2	.09352	-.61102	H516.26	.44845	L-3.6385	.38977	-3.0185
#3	.09222	-.15222	475.69	1.2913	-.75710	.02265	-2.6794
Errors	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	25.000	500.00	20.000	3.0000	5.0000	10.000
Low	-5.0000	-25.000	-500.00	-20.000	-3.0000	-5.0000	-10.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.01616	1.3797	3.7020	-.08779	.18196	.39340	-2.2384
SDev	2.31309	.0803	.2825	.31522	.27643	1.3751	2.3763
%RSD	14316.	5.8234	7.6301	359.06	151.92	349.53	106.16
#1	-.01600	1.2870	3.6992	.27620	.50109	1.5666	-.31806
#2	-2.3293	1.4285	3.9859	-.26965	.02797	-1.1198	-4.8960
#3	2.2969	1.4237	3.4209	-.26991	.01682	.73338	-1.5012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	50.000	50.000	10.000	5.0000	20.000		

Method: TRACE2 Sample Name: CRI-1-1 Operator:
Run Time: 06/30/96 11:09:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	20.619	68.757	21.143	52.910	.21148	9.8164	12.253
SDev	.066	3.899	3.865	1.053	.02676	.0364	2.595
%RSD	.32142	5.6701	18.282	1.9907	12.655	.37072	21.178
#1	20.696	65.964	23.586	53.943	.22406	9.7804	9.4815
#2	20.588	67.097	16.687	51.838	.22962	9.8158	12.653
#3	20.574	73.211	23.156	52.949	.18074	9.8531	14.625
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	NOCHECK
High	26.000		26.000			13.000	
Low	14.000		14.000			7.0000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	9.7807	97.235	19.981	48.443	10.649	12.272	3.1575
SDev	.2512	.854	.185	.283	7.153	5.246	4.0141
%RSD	2.5686	.87843	.92670	.58365	67.174	42.747	127.13
#1	10.071	98.029	19.939	48.425	2.4045	6.2785	-1.3118
#2	9.6293	96.331	20.184	48.169	15.209	14.510	4.3278
#3	9.6421	97.344	19.821	48.734	14.334	16.029	6.4563
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK
High	13.000	130.00	26.000	65.000			
Low	7.0000	70.000	14.000	35.000			

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	29.628	-.30593	377.11	80.769	5.1565	11.908	119.89
SDev	.059	.95521	39.36	.775	.1224	2.418	2.63
%RSD	.19773	312.23	10.438	.95967	2.3742	20.305	2.1928
#1	29.565	.76456	382.14	79.980	5.0213	12.864	118.39
#2	29.640	-.61102	413.72	80.799	5.2598	9.1584	118.35
#3	29.680	-1.0713	335.48	81.529	5.1885	H13.702	122.92
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	39.000			104.00	7.8000	13.000	156.00
Low	21.000			56.000	4.2000	7.0000	84.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.95177	1.1399	20.676	99.390	39.074	5.9021	4.7843
SDev	1.3331	.3795	1.986	.086	.081	1.2408	.5791
%RSD	140.06	33.293	9.6064	.08643	.20835	21.023	12.104
	1.7203	.85274	21.870	99.449	38.986	5.7968	4.6341
#2	-.58753	.99677	21.775	99.429	39.090	7.1922	4.2951
#3	1.7225	1.5701	18.383	99.291	39.146	4.7173	4.7741
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			26.000	130.00	52.000		

Low			14.000	70.000	28.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	15.569	10.080
SDev	3.111	3.181
%RSD	19.984	31.555
#1	13.206	12.693
#2	14.406	6.5383
#3	19.094	11.010
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13425	--	--	--	--	--	--
SDev	26.40707	--	--	--	--	--	--
%RSD	.1966958	--	--	--	--	--	--
#1	13454	--	--	--	--	--	--
#2	13420	--	--	--	--	--	--
#3	13402	--	--	--	--	--	--

Method: TRACE2 Sample Name: ICSA-1-1 Operator:
n Time: 06/30/96 11:15:37
mment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.07376	483300.	2.9817	73.661	4.4544	-1.4266	480130.
SDev	.18418	4052.	5.2361	2.830	.0736	.1554	4325.
%RSD	249.69	.83839	175.61	3.8420	1.6513	10.891	.90070
#1	.02184	487540.	8.4632	76.294	4.5258	-1.5988	484620.
#2	-.28608	479460.	2.4504	74.019	4.3788	-1.2969	475990.
#3	.04296	482920.	-1.9685	70.668	4.4586	-1.3842	479790.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.000	600000.	10.000		200.00	5.0000	600000.
Low	-10.000	400000.	-10.000		-200.00	-5.0000	400000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-3.7775	.90229	-.17430	.11630	201490.	44.792	527160.
SDev	.2509	.52923	.12569	.23901	1738.	7.232	4514.
%RSD	6.6426	58.654	70.965	205.51	.86276	16.146	.85620
#1	-3.5469	1.5026	-.10445	.39129	203250.	51.838	531950.
#2	-3.7409	.70129	-.31712	-.04140	199780.	37.387	522990.
#3	-4.0447	.50301	-.10134	-.00099	201420.	45.151	526540.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	240000.	5000.0	600000.
Low	-5.0000	-50.000	-10.000	-25.000	160000.	-5000.0	400000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.43071	-.10391	395.80	-.79361	-1.6855	1.2435	6.4620
SDev	.08382	1.79263	23.64	1.83224	2.1778	1.4659	3.7810
%RSD	19.460	1725.2	5.9733	230.88	129.21	117.89	58.511
#1	.38488	-2.1739	368.71	-2.0051	.59790	2.7543	3.1139
#2	.52744	.92573	406.42	-1.6900	-1.9148	-.17286	10.563
#3	.37980	.93639	412.26	1.3143	L-3.7396	1.1489	5.7095
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	4.3968	1.0138	2.9224	-3.5539	7.4075	20.406	-12.715
SDev	2.3704	.0933	3.3008	.5005	1.6825	1.386	3.702
%RSD	53.913	9.2068	112.95	14.084	22.713	6.7926	29.114
	7.0327	1.0730	4.9958	-3.2767	9.2435	20.134	-9.1555
#2	3.7178	1.0622	4.6554	-4.1317	5.9394	19.176	-12.445
#3	2.4400	.90617	-.88399	-3.2533	7.0395	21.908	-16.544
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	12.516	-4.3841
SDev	7.922	1.8032
%RSD	63.297	41.131
#1	20.040	-5.8754
#2	4.2481	-2.3800
#3	13.259	-4.8970
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11948	--	--	--	--	--	--
SDev	101.0066	--	--	--	--	--	--
%RSD	.8453614	--	--	--	--	--	--
#1	11842	--	--	--	--	--	--
#2	12043	--	--	--	--	--	--
#3	11960	--	--	--	--	--	--

Method: TRACE2 Sample Name: ICSAB-1-1 Operator:
Run Time: 06/30/96 11:21:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	L217.47	470480.	102.53	61.088	534.96	501.37	469660.
SDev	.60	1934.	1.94	1.043	2.69	.89	775.
%RSD	.27601	.41112	1.8924	1.7068	.50260	.17698	.16492
#1	L218.15	472570.	103.42	60.215	537.80	502.35	470530.
#2	L217.25	470100.	103.86	60.807	534.61	501.16	469410.
#3	L217.01	468760.	100.30	62.243	532.46	500.61	469040.
Errors	LC Low	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	1200.0	600000.	120.00		600.00	600.00	600000.
Low	800.00	400000.	80.000		400.00	400.00	400000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	941.91	472.20	484.48	545.76	197240.	44.169	513980.
SDev	1.47	1.26	1.01	2.85	412.	3.309	1083.
%RSD	.15656	.26602	.20817	.52309	.20913	7.4917	.21080
#1	943.56	473.63	485.26	548.95	197680.	44.560	515090.
#2	941.44	471.70	484.83	544.91	197200.	40.682	513910.
3	940.73	471.28	483.34	543.44	196860.	47.266	512930.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1200.0	600.00	600.00	600.00	240000.	5000.0	600000.
Low	800.00	400.00	400.00	400.00	160000.	-5000.0	400000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	495.13	-.77898	-750.16	953.61	L50.780	52.929	637.45
SDev	1.32	.77099	74.60	2.01	2.175	5.222	5.92
%RSD	.26652	98.974	9.9441	.21037	4.2834	9.8669	.92899
#1	496.30	-.61102	-836.23	955.92	L49.523	54.511	636.10
#2	495.39	-.10582	-710.00	952.28	L49.526	57.178	643.93
#3	493.70	-1.6201	-704.24	952.64	L53.292	47.099	632.32
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Low	LC Pass	LC Pass
High	600.00		5000.0	1200.0	1200.0	60.000	720.00
Low	400.00		-5000.0	800.00	800.00	40.000	480.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	3.2618	1.2113	103.69	495.95	930.49	69.128	41.620
SDev	3.8218	.1547	4.05	1.35	1.14	1.990	2.369
%RSD	117.17	12.770	3.9070	.27158	.12229	2.8786	5.6919
#1	3.6970	1.0570	99.036	497.08	930.72	67.318	40.639
#2	-.75901	1.2105	106.41	496.30	931.50	68.809	39.900
#3	6.8473	1.3664	105.64	494.46	929.26	71.259	44.322
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			120.00	600.00	1200.0		

Low			80.000	400.00	800.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	62.412	48.195
SDev	4.756	7.481
%RSD	7.6201	15.522
#1	57.775	52.881
#2	67.279	52.136
#3	62.184	39.568
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12193	--	--	--	--	--	--
SDev	45.73839	--	--	--	--	--	--
%RSD	.3751200	--	--	--	--	--	--
#1	12141	--	--	--	--	--	--
#2	12211	--	--	--	--	--	--
#3	12227	--	--	--	--	--	--

Method: TRACE2 Sample Name: LCCS2 Operator:
Run Time: 06/30/96 11:27:04
mment:
ode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1021.9	89.211	1034.9	72.828	1044.7	1024.2	18.481
SDev	1.6	1.785	2.0	2.510	1.7	2.2	6.234
%RSD	.15604	2.0012	.18893	3.4469	.16392	.21459	33.729
#1	1022.5	90.291	1035.9	74.736	1043.3	1026.5	25.663
#2	1023.1	87.150	1036.1	69.984	1046.6	1024.0	15.316
#3	1020.1	90.192	1032.6	73.763	1044.2	1022.1	14.466
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK
High	1050.0		1050.0		1050.0	1050.0	
Low	950.00		950.00		950.00	950.00	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1026.3	1022.6	1025.0	1015.0	91.154	21.657	14.909
SDev	1.7	2.3	2.2	2.8	2.442	1.662	5.044
%RSD	.16847	.22618	.21332	.27345	2.6793	7.6765	33.839
#1	1027.6	1024.3	1027.5	1017.4	93.974	21.495	20.729
#2	1026.8	1023.7	1023.9	1015.8	89.812	20.081	12.006
#3	1024.3	1020.0	1023.6	1012.0	89.678	23.394	11.980
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK
High	1050.0	1050.0	1050.0	1050.0			
Low	950.00	950.00	950.00	950.00			

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1021.3	1023.3	-632.04	1032.8	1033.1	1033.8	1036.3
SDev	2.6	3.3	52.62	1.7	1.6	7.3	8.9
%RSD	.25121	.31798	8.3260	.16514	.15607	.70567	.85970
#1	1024.0	1021.3	-571.92	1033.4	1034.9	1037.8	1046.6
#2	1020.8	1027.0	-654.48	1034.1	1032.8	1038.2	1030.5
#3	1019.0	1021.5	-669.73	1030.9	1031.7	1025.4	1031.9
Errors	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	1050.0	1050.0		1050.0	1050.0	1050.0	1050.0
Low	950.00	950.00		950.00	950.00	950.00	950.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1014.9	.57090	1024.7	1012.7	1025.9	1015.9	1041.7
SDev	7.8	.14572	1.8	4.5	2.1	3.1	1.1
%RSD	.76424	25.525	.17499	.44095	.20842	.30084	.10270
	1023.3	.57134	1026.4	1017.8	1027.5	1019.4	1042.6
#2	1013.4	.71640	1024.8	1010.5	1026.7	1014.2	1042.1
#3	1008.0	.42496	1022.8	1009.7	1023.5	1014.0	1040.5
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	1050.0		1050.0	1050.0	1050.0		

Low	950.00		950.00	950.00	950.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	1031.1	1035.2
SDev	6.3	8.0
%RSD	.61273	.77477
#1	1032.2	1040.6
#2	1036.7	1039.0
#3	1024.2	1025.9
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13151	--	--	--	--	--	--
SDev	39.88734	--	--	--	--	--	--
%RSD	.3033027	--	--	--	--	--	--
#1	13106	--	--	--	--	--	--
#2	13165	--	--	--	--	--	--
#3	13182	--	--	--	--	--	--

Method: TRACE2 Sample Name: LCCS345 Operator:
Run Time: 06/30/96 11:32:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.3041	20377.	-.60301	H10585.	20031.	-.74683	200250.
SDev	.0811	124.	1.46063	113.	201.	.02351	851.
%RSD	6.2160	.60809	242.22	1.0674	1.0046	3.1474	.42478
#1	1.2274	20302.	-.50546	H10514.	19935.	-.75093	199700.
#2	1.3889	20308.	-2.1100	H10525.	19895.	-.76802	199820.
#3	1.2959	20520.	.80639	H10715.	20262.	-.72155	201230.
Errors	NOCHECK	LC Pass	NOCHECK	LC High	LC Pass	NOCHECK	LC Pass
High		21000.		10500.	21000.		210000.
Low		19000.		9500.0	19000.		190000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-8.1721	38.871	2.3476	3.2650	202100.	L184350.	202460.
SDev	.5821	.310	.4573	.2255	905.	1495.	955.
%RSD	7.1225	.79630	19.479	6.9060	.44784	.81086	.47161
#1	-8.4884	38.540	2.6093	3.0098	201560.	L183400.	201880.
#2	-7.5003	39.154	2.6140	3.4372	201590.	L183580.	201930.
#3	-8.5275	38.918	1.8196	3.3479	203150.	L186070.	203560.
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass
High					210000.	210000.	210000.
Low					190000.	190000.	190000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	6.2388	.68916	H210510.	1.6296	10.261	1.9355	-3.6275
SDev	.0294	.74259	1773.	.7047	.563	5.2327	3.7649
%RSD	.47106	107.75	.84228	43.243	5.4882	270.35	103.79
#1	6.2506	1.3280	209430.	2.1458	10.836	-.76998	-3.7432
#2	6.2604	-.12558	209540.	.82676	9.7111	7.9671	.19392
#3	6.2053	.86506	H212560.	1.9163	10.235	-1.3905	-7.3333
Errors	NOCHECK	NOCHECK	LC High	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High			210000.				
Low			190000.				

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	7.2517	20620.	3.1087	9.1599	8.1038	22.329	4.2355
SDev	2.7703	115.	6.2976	.2129	.3766	.764	1.0728
%RSD	38.202	.55584	202.58	2.3239	4.6468	3.4215	25.329
	7.8413	20552.	2.1780	9.0896	7.8785	22.340	5.0935
#2	9.6798	20556.	-2.6718	9.3990	7.8943	23.088	3.0327
#3	4.2341	20753.	9.8198	8.9911	8.5385	21.560	4.5802
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		21000.					

Low		19000.
Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	4.9207	.44519
SDev	5.6976	5.9809
%RSD	115.79	1343.5
#1	6.5170	-4.4080
#2	9.6499	7.1269
#3	-1.4048	-1.3834
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12657	--	--	--	--	--	--
SDev	103.7369	--	--	--	--	--	--
%RSD	.8195790	--	--	--	--	--	--
#1	12726	--	--	--	--	--	--
#2	12708	--	--	--	--	--	--
#3	12538	--	--	--	--	--	--

Method: TRACE2 Sample Name: P8W-1922 Operator:
Run Time: 06/30/96 11:38:31
ment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.11056	100.97	-.81578	82.983	4.4047	-.00224	166.47
SDev	.08285	24.27	2.69219	3.145	1.6655	.11728	33.16
%RSD	74.939	24.034	330.01	3.7895	37.812	5242.9	19.919
#1	.14979	72.949	-1.5863	86.606	2.4868	-.13438	128.20
#2	.16652	115.15	-3.0387	81.391	5.4865	.03815	186.50
#3	.01538	114.81	2.1777	80.954	5.2408	.08952	184.73
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.15094	.46657	.64553	.11452	48.915	107.10	70.870
SDev	.26767	.26835	.10972	.40293	20.303	19.15	31.356
%RSD	177.34	57.515	16.996	351.84	41.506	17.876	44.244
#1	-.15815	.52403	.51884	.57589	25.493	88.405	34.703
#2	.30566	.70154	.70919	-.06411	59.759	126.67	90.408
#3	.30530	.17415	.70856	-.16822	61.493	106.23	87.501
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.86228	1.2243	514.86	2.6745	-.82408	.31797	-.20521
SDev	.08077	.0095	22.63	.5251	.66526	3.2017	1.85549
%RSD	9.3671	.77595	4.3960	19.636	80.727	1006.9	904.18
#1	.91404	1.2352	526.71	2.1172	-1.0241	-2.3176	-.30267
#2	.76921	1.2198	529.11	3.1602	-.08176	3.8811	1.6971
#3	.90359	1.2178	488.76	2.7459	-1.3664	-.60954	-2.0101
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2.1091	4.5581	.44716	.54209	12.714	-.37873	-1.0464
SDev	1.4552	1.3440	.63481	.00494	.247	2.25023	1.1959
%RSD	68.997	29.487	141.96	.91130	1.9400	594.15	114.28
	3.4631	3.0085	.98985	.54776	12.648	-2.9601	-.05755
#2	2.2941	5.4068	-.25092	.53973	12.987	1.1689	-.70616
#3	.57024	5.2591	.60256	.53877	12.507	.65498	-2.3755
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	5.1967	-2.1178
SDev	4.1865	3.1340
%RSD	80.560	147.99
#1	.54424	-3.7464
#2	8.6598	1.4953
#3	6.3862	-4.1022
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13446	--	--	--	--	--	--
SDev	69.39981	--	--	--	--	--	--
%RSD	.5161500	--	--	--	--	--	--
#1	13366	--	--	--	--	--	--
#2	13478	--	--	--	--	--	--
#3	13493	--	--	--	--	--	--

Low	1600.0	1600.0	40.000	400.00	400.00	
Elem	1960/1	1960/2				
Units	ug/L	ug/L				
Avge	12.580	12.830				
SDev	2.844	1.019				
%RSD	22.606	7.9438				
#1	15.850	13.989				
#2	10.690	12.074				
#3	11.199	12.428				
Errors	NOCHECK	NOCHECK				
High						
Low						

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13184	--	--	--	--	--	--
SDev	51.22825	--	--	--	--	--	--
%RSD	.3885539	--	--	--	--	--	--
#1	13205	--	--	--	--	--	--
#2	13126	--	--	--	--	--	--
#3	13222	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623103 Operator:
Run Time: 06/30/96 11:49:59
mment:
ode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.03331	147.47	1.4513	78.752	2.1848	-.18853	413.74
SDev	.20450	7.19	2.0180	1.104	.8782	.06228	15.46
%RSD	614.00	4.8735	139.05	1.4013	40.196	33.035	3.7368
#1	-.11347	139.70	-.65887	78.175	1.3169	-.25263	398.09
#2	-.05351	153.88	3.3623	80.024	3.0729	-.18470	429.00
#3	.26690	148.82	1.6505	78.057	2.1645	-.12825	414.14
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.00260	.28659	.25834	1.4664	30.139	70.745	79.734
SDev	.26989	.54358	.29924	.1189	9.692	9.658	15.900
%RSD	10375.	189.67	115.83	8.1110	32.159	13.652	19.942
#1	-.15696	.17083	.32254	1.4408	19.011	62.268	63.430
#2	-.15988	-.18978	.52027	1.5961	36.738	81.260	95.198
#3	.30904	.87873	-.06780	1.3624	34.668	68.707	80.574
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.9626	2.9286	734.28	1.9073	-.83773	2.6596	-2.7905
SDev	.0855	1.0680	48.63	.2132	.48477	2.5862	.9812
%RSD	4.3565	36.468	6.6224	11.180	57.866	97.241	35.161
#1	1.8641	3.5290	761.07	2.1199	-.73309	4.3972	-3.3570
#2	2.0173	3.5613	678.15	1.6935	-1.3663	-.31255	-1.6576
#3	2.0065	1.6955	763.63	1.9086	-.41384	3.8941	-3.3571
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.7271	2.1495	-1.1438	.09275	10.314	-.68377	-.91460
SDev	1.7438	.7248	2.7372	.15646	.451	.92185	.69249
%RSD	100.97	33.717	239.31	168.70	4.3699	134.82	75.715
	1.7222	1.4263	-4.1207	.27341	10.735	-1.5694	-.31554
#2	3.4733	2.8758	1.2645	.00305	10.368	-.75230	-1.6728
#3	-.01426	2.1464	-.57517	.00177	9.8388	.27043	-.75546
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	7.9748	.00596
SDev	4.0406	4.4482
%RSD	50.668	74669.
#1	4.0653	4.5628
#2	7.7242	-4.3249
#3	12.135	-.22007
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13364	--	--	--	--	--	--
SDev	52.62445	--	--	--	--	--	--
%RSD	.3937876	--	--	--	--	--	--
#1	13411	--	--	--	--	--	--
#2	13307	--	--	--	--	--	--
#3	13373	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCV-1-2 . Operator:
Run Time: 06/30/96 11:55:43
mment:
ode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	517.97	9811.7	523.07	5301.0	500.94	500.13	101770.
SDev	2.26	50.1	4.02	38.4	2.49	3.01	616.
%RSD	.43543	.51109	.76843	.72477	.49786	.60244	.60528
#1	515.68	9753.9	522.54	5257.1	498.06	496.86	101120.
#2	518.05	9839.4	519.34	5328.4	502.29	500.74	101850.
#3	520.19	9842.0	527.33	5317.4	502.47	502.79	102340.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	477.14	494.94	485.94	503.29	100210.	99718.	96161.
SDev	2.90	2.52	2.64	2.99	586.	350.	537.
%RSD	.60755	.50884	.54318	.59423	.58509	.35104	.5583
#1	473.89	492.12	483.00	499.84	99572.	99314.	95561.
#2	478.08	495.77	486.73	505.02	100310.	99925.	96325.
#3	479.45	496.95	488.09	505.02	100730.	99915.	96596.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	491.66	485.35	95349.	490.63	486.44	514.94	515.73
SDev	2.97	3.69	353.	2.89	2.90	2.53	5.23
%RSD	.60328	.76057	.36981	.58815	.59532	.49201	1.0145
#1	488.38	481.36	94942.	487.46	483.80	513.17	510.08
#2	492.43	486.06	95537.	491.30	485.98	513.80	516.72
#3	494.16	488.64	95568.	493.11	489.54	517.84	520.40
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	499.19	10329.	476.60	498.74	477.79	488.74	485.29
SDev	6.25	54.	.72	2.63	4.19	1.76	3.47
%RSD	1.2520	.52646	.15025	.52771	.87619	.36084	.71428
	492.84	10268.	475.84	496.19	473.00	487.02	482.20
#2	499.38	10348.	476.70	498.59	479.61	488.66	484.66
#3	505.34	10372.	477.26	501.45	480.76	490.54	489.04
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

Low	450.00	9000.0	450.00	450.00	450.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	517.49	513.66
SDev	4.14	4.82
%RSD	.79973	.93756
#1	514.67	512.42
#2	522.24	509.59
#3	515.56	518.98
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13042	--	--	--	--	--	--
SDev	47.89920	--	--	--	--	--	--
%RSD	.3672782	--	--	--	--	--	--
#1	13094	--	--	--	--	--	--
#2	13031	--	--	--	--	--	--
3	13000	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCB-1-2 Operator:
Run Time: 06/30/96 12:01:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.16286	85.154	-1.8839	78.728	.44510	-.03492	21.364
SDev	.20222	4.508	1.0061	1.471	.14039	.01659	8.533
%RSD	124.17	5.2940	53.402	1.8684	31.542	47.513	39.939
#1	.09405	80.253	-.72224	80.186	.28656	-.01616	13.440
#2	.39050	86.085	-2.4627	78.752	.55369	-.04094	30.397
#3	.00402	89.123	-2.4669	77.245	.49505	-.04767	20.254
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.23138	.23134	.19249	-1.2638	13.143	49.800	18.081
SDev	.13435	.10107	.40498	.0521	5.626	11.499	8.522
%RSD	58.063	43.690	210.39	4.1250	42.809	23.091	47.135
#1	.30845	.17456	.32144	-1.2490	6.9949	40.130	9.1122
#2	.07625	.17143	-.26127	-1.3218	18.035	62.516	26.073
#3	.30944	.34804	.51729	-1.2208	14.398	46.754	19.057
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.22789	.45571	498.35	1.4305	-1.1184	.19474	-2.6801
SDev	.00138	1.4677	41.47	.7306	.8011	.86484	.6729
%RSD	.60527	322.07	8.3219	51.073	71.635	444.10	25.107
#1	.22631	2.1296	467.53	1.5055	-.70680	-.18291	-2.0069
#2	.22855	-.61102	482.02	.66532	-.60666	-.41705	-3.3526
#3	.22882	-.15140	545.50	2.1208	-2.0416	1.1842	-2.6807
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.9136	2.0897	1.7645	.18196	.17099	.54917	-1.9509
SDev	1.3323	.5051	2.5851	.15751	.27293	.39307	1.0194
%RSD	69.620	24.170	146.50	86.561	159.62	71.574	52.254
	1.1444	1.5613	2.5763	.00009	.00651	.87993	-1.4990
	3.4520	2.5677	3.8464	.27267	.02040	.65297	-1.2355
#3	1.1444	2.1401	-1.1290	.27313	.48604	.11463	-3.3381
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

BW			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	5.0812	-2.2448
SDev	5.9986	.7669
%RSD	78.694	34.254
#1	4.2124	-2.3773
#2	1.5884	-1.4183
#3	9.4428	-2.9390
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13453	--	--	--	--	--	--
SDev	46.36091	--	--	--	--	--	--
%RSD	.3446224	--	--	--	--	--	--
#1	13506	--	--	--	--	--	--
#2	13430	--	--	--	--	--	--
	13422	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623106 Operator:
Run Time: 06/30/96 12:07:11
mment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Ba3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.38616	136.26	1.6803	73.640	1.0933	-.32754	375.08
SDev	.17747	5.59	3.1704	1.116	.0780	.07581	5.08
%RSD	45.959	4.1022	188.68	1.5150	7.1299	23.144	1.3542
#1	.20598	130.32	-1.5512	74.417	1.0069	-.37829	370.43
#2	.39171	141.42	1.8063	74.142	1.1583	-.36392	380.50
#3	.56079	137.04	4.7858	72.362	1.1148	-.24040	374.32
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.22960	.22246	.98546	.55398	87.743	91.382	64.988
SDev	.27303	.10416	.22937	.07751	5.082	8.631	3.677
%RSD	118.92	46.823	23.275	13.991	5.7923	9.4453	5.6580
#1	.54487	.34272	.72065	.54581	88.839	84.364	60.846
#2	.07166	.16037	1.1215	.48089	92.188	101.02	66.252
#3	.07228	.16429	1.1143	.63526	82.203	88.764	67.867
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.8501	-.14354	741.26	1.6827	-1.4732	-.04360	-.97361
SDev	.0825	.46661	45.60	.4280	.7246	.76094	3.05629
%RSD	4.4596	325.08	6.1522	25.437	49.184	1745.2	313.91
#1	1.7552	.32220	756.67	1.6854	-1.8077	.59281	.06385
#2	1.9051	-.14179	689.95	1.2533	-.64181	-.88647	-4.4136
#3	1.8900	-.61102	777.16	2.1093	-1.9702	.16285	1.4289
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l
Avge	-1.3955	1.8298	1.9167	.64653	13.148	-1.4777	-1.4710
SDev	1.2154	.3370	3.2996	.63451	.605	.8478	.6746
%RSD	87.094	18.417	172.15	98.140	4.6010	57.370	45.863
	-2.3716	1.4407	-.18986	.27871	12.812	-1.6988	-1.8620
#2	-.03418	2.0301	.22057	.28169	13.846	-.54132	-.69198
#3	-1.7808	2.0185	5.7194	1.3792	12.786	-2.1931	-1.8589
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

'ow			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	2.4264	-1.2768
SDev	6.4308	2.0712
%RSD	265.03	162.22
#1	8.0075	-3.1090
#2	-4.6060	.97050
#3	3.8777	-1.6918
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13204	--	--	--	--	--	--
SDev	50.29248	--	--	--	--	--	--
%RSD	.3808978	--	--	--	--	--	--
#1	13221	--	--	--	--	--	--
#2	13147	--	--	--	--	--	--
	13243	--	--	--	--	--	--

Method: TRACE2 Sample Name: 062318 Operator:
Run Time: 06/30/96 12:12:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.11818	145.03	.52193	83.553	.75601	-.30910	373.49
SDev	.40417	1.36	1.0907	.047	.01936	.11816	.86
%RSD	342.00	.93551	208.98	.05674	2.5611	38.226	.23114
#1	.08372	145.70	1.6098	83.569	.77426	-.44551	374.48
#2	-.58352	143.47	-.57158	83.590	.75805	-.24333	373.13
#3	.14527	145.91	.52753	83.500	.73570	-.23846	372.87
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.08193	.22733	.19383	.67283	24.123	48.561	43.635
SDev	.36038	.36800	.11440	.10506	4.355	2.175	3.682
%RSD	439.86	161.88	59.020	15.615	18.055	4.4793	8.4374
#1	-.39807	.52161	.32592	.56052	21.316	46.081	39.538
#2	-.15820	-.18528	.12778	.76870	29.140	50.143	46.666
#3	.31048	.34566	.12778	.68927	21.912	49.460	44.702
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.6064	-.30743	526.51	2.4637	.22940	1.0327	-2.6818
SDev	.0132	1.16765	66.64	.3181	1.0264	4.1320	2.7200
%RSD	.82197	379.81	12.657	12.911	447.44	400.12	101.42
#1	1.6213	-1.5464	580.00	2.5296	.41762	2.7977	-2.6798
#2	1.5962	.77258	451.86	2.1178	1.1487	3.9891	.03718
#3	1.6016	-.14844	547.67	2.7437	-.87810	-3.6887	-5.4029
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.95525	1.2904	-.36487	.00594	14.287	2.0461	-.67757
SDev	1.8649	.0064	1.05878	.47882	.210	2.8885	.90352
%RSD	195.23	.49540	290.18	8065.4	1.4669	141.17	133.35	
	1.7318	1.2976	-.79052	.55883	14.269	4.3728	-1.5570
	-1.1724	1.2855	-1.1446	-.27064	14.506	2.9522	.24825
#3	2.3064	1.2881	.84049	-.27038	14.088	-1.1868	-.72396
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	3.8750	-.38635
SDev	7.3141	2.60209
%RSD	188.75	673.50
#1	6.0731	1.1624
#2	9.8380	1.0690
#3	-4.2860	-3.3905
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13301	--	--	--	--	--	--
SDev	97.90472	--	--	--	--	--	--
%RSD	.7360888	--	--	--	--	--	--
#1	13190	--	--	--	--	--	--
#2	13376	--	--	--	--	--	--
#3	13336	--	--	--	--	--	--

Method: TRACE2 Sample Name: PBS-1922 Operator:
Run Time: 06/30/96 12:18:38
mment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.02829	98.090	3.7664	63.435	.28164	-.67616	35.532
SDev	.30452	3.512	.4328	1.331	.05242	.14554	1.249
%RSD	1076.4	3.5801	11.490	2.0982	18.610	21.524	3.5154
#1	-.23880	96.647	3.3048	62.707	.26518	-.76225	35.715
#2	-.03623	95.529	4.1629	62.628	.23943	-.50813	34.201
#3	.35990	102.09	3.8315	64.972	.34031	-.75810	36.679
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.07570	-.41553	.46786	-1.0889	3.4620	50.676	4.3473
SDev	.24358	.19924	.30958	.1324	4.4036	4.214	3.4070
%RSD	321.77	47.947	66.169	12.162	127.20	8.3152	78.371
#1	-.16852	-.41829	.12800	-1.1756	-1.6182	46.740	1.1592
#2	.31863	-.21494	.73376	-1.1547	5.8126	50.167	3.9451
#3	.07699	-.61338	.54183	-.93647	6.1915	55.121	7.9375
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.20218	-.44924	590.14	-.98621	.17687	.85726	-2.4295
SDev	.08176	.28021	29.12	.18626	.52875	3.3003	1.6042
%RSD	40.441	62.373	4.9338	18.886	298.95	384.98	66.030
#1	.10796	-.12569	619.25	-.78252	-.31464	-2.7877	-2.3207
#2	.24404	-.61102	590.15	-1.1478	.10895	3.6427	-4.0853
#3	.25453	-.61102	561.02	-1.0283	.73630	1.7167	-.88247
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	5.3965	.72536	-1.2126	-.26972	5.8530	3.8623	-1.6631
SDev	.6278	.15047	3.0989	.00016	.2757	2.0132	1.0846
%RSD	11.633	20.744	255.56	.05878	4.7112	52.126	65.219
1	4.8016	.87774	-4.7338	-.26953	5.5571	4.6392	-2.7879
#2	5.3353	.72145	-.00332	-.26980	5.8991	1.5763	-.62363
#3	6.0527	.57688	1.0993	-.26982	6.1027	5.3712	-1.5777
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-1.8174	2.1926
SDev	5.3632	2.6557
%RSD	295.10	121.12
#1	-7.9881	-.19141
#2	.81417	5.0549
#3	1.7217	1.7143
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12760	--	--	--	--	--	--
SDev	162.1512	--	--	--	--	--	--
%RSD	1.270777	--	--	--	--	--	--
#1	12711	--	--	--	--	--	--
#2	12941	--	--	--	--	--	--
3	12628	--	--	--	--	--	--

Method: TRACE2 Sample Name: LCSS-1922 Operator:
Run Time: 06/30/96 12:24:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	56.632	2173.8	46.755	2204.6	2132.9	52.413	21956.
SDev	.613	10.0	2.656	9.4	9.3	.118	88.
%RSD	1.0824	.46189	5.6798	.42570	.43808	.22473	.40157
#1	57.337	2185.3	45.401	2213.6	2143.1	52.434	22051.
#2	56.227	2169.2	H49.814	2194.9	2124.8	52.286	21876.
#3	56.331	2166.9	45.049	2205.4	2130.8	52.519	21941.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.000	2400.0	48.000	2400.0	2400.0	60.000	24000.
Low	40.000	1600.0	32.000	1600.0	1600.0	40.000	16000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	50.998	511.74	210.39	264.79	1033.1	H24668.	19987.
SDev	.597	2.44	.61	1.74	10.2	30.	105.
%RSD	1.1699	.47597	.29002	.65792	.98575	.11962	.52500
#1	51.548	514.45	211.02	266.79	1044.3	H24699.	20108.
#2	50.364	509.73	209.80	263.62	1024.3	H24666.	19920.
#3	51.081	511.05	210.35	263.95	1030.7	H24640.	19934.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	60.000	600.00	240.00	300.00	1200.0	24000.	24000.
Low	40.000	400.00	160.00	200.00	800.00	16000.	16000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	523.52	2097.7	18222.	523.82	18.983	11.950	517.02
SDev	1.91	13.8	84.	2.81	.753	1.717	6.56
%RSD	.36439	.65834	.45894	.53655	3.9665	14.371	1.2679
#1	525.65	2113.1	18241.	526.34	19.806	10.625	518.23
#2	521.97	2086.4	18294.	520.79	18.815	11.336	522.89
#3	522.94	2093.5	18130.	524.34	18.328	H13.890	509.94
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600.00	2400.0	24000.	600.00	24.000	12.000	600.00
Low	400.00	1600.0	16000.	400.00	16.000	8.0000	400.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2137.1	2223.5	41.804	530.48	518.72	22.347	17.304
SDev	11.5	9.3	1.585	2.24	3.09	.634	1.341
%RSD	.53697	.42030	3.7908	.42311	.59595	2.8370	7.7481
1	2146.8	2233.5	43.562	532.97	522.03	22.128	18.647
#2	2124.4	2215.0	40.485	528.61	515.92	21.852	17.299
#3	2140.1	2222.0	41.365	529.87	518.20	23.062	15.965
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2400.0	2400.0	60.000	600.00	600.00		

Low	1600.0	1600.0	40.000	400.00	400.00		
em	1960/1	1960/2					
nits	ug/L	ug/L					
Avge	8.5668	13.639					
SDev	4.6731	.882					
%RSD	54.549	6.4634					
#1	6.5429	12.663					
#2	5.2469	14.376					
#3	13.911	13.680					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12737	--	--	--	--	--	--
SDev	101.0561	--	--	--	--	--	--
%RSD	.7934265	--	--	--	--	--	--
#1	12620	--	--	--	--	--	--
#2	12793	--	--	--	--	--	--
#3	12797	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623105 Operator:
Run Time: 06/30/96 12:30:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca317?
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	59.774	28118.	12.925	77.919	56.542	.85717	992.78
SDev	.152	159.	3.969	.850	.390	.22763	5.11
%RSD	.25443	.56612	30.710	1.0914	.69007	26.556	.51427
#1	59.935	28295.	16.430	78.891	56.993	.59473	998.61
#2	59.755	28073.	8.6148	77.314	56.320	1.0010	989.08
#3	59.633	27987.	13.730	77.551	56.314	.97580	990.66
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.29339	7.6516	35.827	13.260	36786.	1043.2	2567.7
SDev	.01391	.2253	.378	.240	146.	9.5	14.7
%RSD	4.7410	2.9445	1.0544	1.8128	.39585	.90865	.57381
#1	-.27768	7.5029	35.911	13.519	36952.	1054.1	2584.6
#2	-.29835	7.9108	35.414	13.044	36679.	1036.7	2557.8
#3	-.30414	7.5411	36.155	13.217	36728.	1038.8	2560.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	214.90	.96432	601.24	13.886	21.306	3.3549	-3.1821
SDev	.99	.74072	37.67	.796	.107	1.5828	1.1069
%RSD	.46234	76.813	6.2655	5.7357	.50037	47.179	34.785
#1	216.04	1.7762	627.69	13.320	21.255	1.5872	-3.9908
#2	214.34	.32531	558.11	13.542	21.429	3.8367	-3.6351
#3	214.31	.79146	617.91	14.797	21.235	4.6409	-1.9206
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	8.0481	855.49	-1.9080	53.150	58.956	24.757	19.584
SDev	1.4952	4.38	2.5978	.533	.846	2.650	1.406
%RSD	18.579	.51180	136.15	1.0036	1.4357	10.705	7.1813
	8.3399	860.53	-4.0490	53.702	58.352	22.926	20.420
	9.3760	852.70	-2.6570	52.637	58.593	23.548	20.371
#3	6.4285	853.22	.98202	53.110	59.923	27.796	17.960
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-1.5762	5.8168
SDev	2.7884	3.6568
%RSD	176.90	62.866
#1	.76779	1.9963
#2	-.83664	6.1699
#3	-4.6599	9.2843
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13098	--	--	--	--	--	--
SDev	153.5806	--	--	--	--	--	--
%RSD	1.172550	--	--	--	--	--	--
#1	12921	--	--	--	--	--	--
#2	13177	--	--	--	--	--	--
#3	13196	--	--	--	--	--	--

Method: TRACE2 Sample Name: 06231050 Operator:
Run Time: 06/30/96 12:35:49
Comment:
Type: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	41.346	30569.	14.111	75.856	60.176	1.0957	841.63
SDev	.395	47.	1.943	.946	.069	.0095	1.09
%RSD	.95656	.15396	13.768	1.2469	.11472	.87101	.13001
#1	40.924	30613.	15.005	76.718	60.236	1.1055	842.21
#2	41.403	30520.	15.446	76.006	60.100	1.0952	842.30
#3	41.709	30574.	11.882	74.844	60.190	1.0864	840.36
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.73860	8.4880	35.047	13.180	38588.	1284.4	2739.8
SDev	.35762	.4452	.183	.045	28.	5.2	4.1
%RSD	48.418	5.2449	.52328	.34238	.07149	.40173	.14932
#1	-1.1289	8.4614	35.064	13.161	38619.	1290.2	2738.2
#2	-.42666	8.9458	35.221	13.232	38582.	1282.7	2744.4
#3	-.66024	8.0567	34.856	13.148	38565.	1280.3	2736.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	200.12	.79048	636.74	13.864	18.397	6.0182	-1.0591
SDev	.08	.47200	21.41	.479	1.101	2.3474	1.8831
%RSD	.04021	59.711	3.3631	3.4566	5.9842	39.005	177.80
#1	200.05	1.2642	613.35	14.405	18.431	3.3232	-1.9653
#2	200.21	.32022	655.38	13.695	17.279	7.6169	1.1057
#3	200.10	.78701	641.49	13.493	19.480	7.1144	-2.3179
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	5.0532	996.27	.05136	56.641	48.323	21.207	16.993
SDev	.3443	.80	1.9792	.585	.414	2.799	.366
%RSD	6.8135	.08056	3853.2	1.0320	.85734	13.199	2.1552
#1	5.2659	997.03	-1.0478	56.520	48.698	21.854	16.721
#2	5.2379	996.35	2.3362	56.126	47.878	18.141	16.848
#3	4.6560	995.43	-1.1343	57.277	48.392	23.627	17.410
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-4.0062	11.023
SDev	7.4003	.356
%RSD	184.72	3.2308
#1	-12.549	11.248
#2	.42249	11.209
#3	.10840	10.612
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13215	--	--	--	--	--	--
SDev	49.09515	--	--	--	--	--	--
%RSD	.3715014	--	--	--	--	--	--
#1	13159	--	--	--	--	--	--
#2	13249	--	--	--	--	--	--
#3	13238	--	--	--	--	--	--

Method: TRACE2 Sample Name: 06231055 Operator:
Run Time: 06/30/96 12:41:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	116.85	32037.	52.809	2076.8	2131.1	51.786	22373.
SDev	1.34	124.	5.910	12.7	8.4	.077	59.
%RSD	1.1499	.38771	11.192	.61080	.39244	.14932	.26364
#1	117.90	32089.	46.092	2073.6	2134.1	51.834	22411.
#2	117.32	32127.	57.213	2090.8	2137.5	51.827	22404.
#3	115.34	31895.	55.121	2066.0	2121.6	51.697	22305.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	47.448	504.52	237.79	273.20	34528.	25274.	21947.
SDev	.688	2.46	.80	2.06	145.	97.	94.
%RSD	1.4505	.48819	.33514	.75430	.42031	.38265	.42881
#1	47.985	506.14	238.47	273.56	34617.	25283.	21990.
#2	47.687	505.73	237.99	275.07	34605.	25366.	22013.
#3	46.672	501.68	236.92	270.99	34360.	25173.	21840.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	707.73	2011.5	17565.	521.49	41.563	11.447	342.08
SDev	2.36	6.0	279.	4.06	.822	4.061	1.36
%RSD	.33364	.29981	1.5875	.77797	1.9779	35.476	.39834
#1	709.42	2008.8	17620.	524.33	41.674	10.410	340.85
#2	708.74	2018.4	17812.	523.29	40.691	15.926	341.85
#3	705.03	2007.3	17263.	516.84	42.324	8.0055	343.55
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2013.6	3053.7	39.182	567.69	550.13	53.299	35.704
SDev	6.6	9.7	2.279	3.89	2.18	9.920	3.928
%RSD	.32577	.31866	5.8154	.68450	.39589	18.611	11.002
#1	2017.9	3057.8	36.579	569.40	551.22	48.846	38.093
#2	2016.8	3060.8	40.815	570.43	551.54	46.387	37.848
#3	2006.0	3042.6	40.152	563.24	547.62	64.665	31.170
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	9.5034	12.417
SDev	8.2326	10.146
%RSD	86.627	81.706
#1	9.6533	10.787
#2	1.1970	23.280
#3	17.660	3.1854
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12968	--	--	--	--	--	--
SDev	51.64301	--	--	--	--	--	--
%RSD	.3982342	--	--	--	--	--	--
#1	12931	--	--	--	--	--	--
#2	12946	--	--	--	--	--	--
#3	13027	--	--	--	--	--	--

Method: TRACE2 Sample Name: 062610SL Operator:
Run Time: 06/30/96 12:47:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	12.324	5613.9	2.9445	88.481	11.491	.62770	207.39
SDev	.246	8.7	1.5110	1.099	.182	.08965	1.85
%RSD	1.9942	.15492	51.317	1.2415	1.5803	14.282	.88985
#1	12.512	5607.1	1.3455	89.711	11.281	.63241	205.40
#2	12.046	5623.7	4.3486	87.597	11.593	.71490	207.74
#3	12.415	5610.9	3.1394	88.137	11.599	.53579	209.04
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.23710	2.3478	7.1170	1.2769	7415.1	249.42	528.66
SDev	.13208	.4023	.3535	.0958	16.2	2.13	4.35
%RSD	55.705	17.136	4.9668	7.5024	.21797	.85510	.82219
#1	.31266	2.8123	6.7089	1.3872	7416.4	251.27	528.98
#2	.31405	2.1140	7.3133	1.2142	7430.7	249.91	532.84
#3	.08460	2.1170	7.3288	1.2293	7398.4	247.09	524.17
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	43.048	2.1397	590.17	4.1979	2.7106	-.57072	-2.4887
SDev	.090	.0075	67.29	.6260	1.1690	1.46813	1.4079
%RSD	.20899	.35097	11.402	14.913	43.128	257.24	56.572
#1	43.148	2.1318	594.70	3.5722	1.7331	-1.2315	-2.9381
#2	43.018	2.1408	520.72	4.1972	4.0056	1.1117	-3.6172
#3	42.976	2.1467	655.08	4.8242	2.3931	-1.5923	-.91099
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.5311	168.04	1.8498	10.932	12.498	2.8715	2.6303
SDev	1.8489	.28	2.0378	.382	.040	3.0113	1.5248
%RSD	120.75	.16436	110.16	3.4952	.32094	104.87	57.972	
	-.57790	167.75	3.6064	11.350	12.456	-.53458	2.8653
	2.8724	168.29	2.3275	10.846	12.503	3.9688	4.0240
#3	2.2989	168.08	-.38431	10.600	12.536	5.1803	1.0326
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

000129

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-1.5274	-.09309
SDev	2.6694	3.51631
%RSD	174.77	3777.5
#1	-.93007	-1.3821
#2	-4.4449	3.8858
#3	.79274	-2.7830
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13456	--	--	--	--	--	--
SDev	36.75595	--	--	--	--	--	--
%RSD	.2731566	--	--	--	--	--	--
#1	13495	--	--	--	--	--	--
#2	13451	--	--	--	--	--	--
#3	13422	--	--	--	--	--	--

Method: TRACE2 Sample Name: 06231105A Operator:
Run Time: 06/30/96 13:02:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	166.46	25162.	123.19	76.292	166.47	115.78	915.33
SDev	.55	40.	1.81	1.196	1.07	.47	3.88
%RSD	.33245	.15944	1.4672	1.5679	.64395	.40565	.42337
#1	166.25	25166.	121.37	74.911	165.26	115.81	917.76
#2	167.09	25199.	123.21	77.008	167.27	116.24	917.37
#3	166.05	25119.	124.98	76.957	166.89	115.30	910.86
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	114.12	120.80	148.15	125.27	33546.	911.47	2339.6
SDev	.44	.31	.91	.50	147.	1.77	8.5
%RSD	.38236	.25805	.61364	.39561	.43933	.19406	.36346
#1	114.29	120.75	147.61	125.37	33646.	910.61	2343.5
#2	114.44	121.14	149.20	125.70	33615.	913.50	2345.5
#3	113.62	120.52	147.64	124.73	33377.	910.29	2329.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	311.16	116.30	469.05	128.54	132.42	110.92	109.07
SDev	1.32	.90	8.73	.96	1.71	3.62	2.40
%RSD	.42388	.77206	1.8604	.75012	1.2889	3.2627	2.1966
#1	311.49	115.78	474.46	128.56	130.48	115.10	109.48
#2	312.29	117.34	473.70	129.49	133.70	108.85	111.24
#3	309.71	115.79	458.98	127.56	133.09	108.81	106.50
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	118.05	772.43	108.54	160.58	169.83	134.76	131.26
SDev	2.82	.95	5.34	.71	.53	2.34	1.67
%RSD	2.3917	.12333	4.9175	.44424	.31167	1.7375	1.2734
	115.10	772.47	104.99	160.79	169.49	132.73	129.36
	120.72	773.37	114.67	161.17	170.44	137.32	131.88
#3	118.34	771.46	105.94	159.79	169.56	134.22	133.53
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

00131

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	103.57	114.59
SDev	3.76	3.76
%RSD	3.6333	3.2772
#1	107.60	118.84
#2	100.15	113.20
#3	102.96	111.72
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13033	--	--	--	--	--	--
SDev	52.71622	--	--	--	--	--	--
%RSD	.4044826	--	--	--	--	--	--
#1	12986	--	--	--	--	--	--
#2	13023	--	--	--	--	--	--
#3	13090	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCV-1-3 Operator:
Run Time: 06/30/96 13:07:46
Comment:
Type: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be4130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	525.79	9898.7	541.45	5394.9	509.58	520.67	106570.
SDev	.74	3.2	5.22	12.6	.93	1.03	237.
%RSD	.14026	.03271	.96328	.23409	.18246	.19843	.22196
#1	525.53	9898.2	547.39	5384.7	508.90	520.66	106590.
#2	525.22	9895.7	539.34	5391.0	509.20	519.64	106320.
#3	526.63	9902.1	537.61	5409.1	510.64	521.71	106790.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	499.48	512.58	505.42	503.42	103930.	101210.	98999.
SDev	1.73	1.11	.78	.47	210.	138.	174.
%RSD	.34649	.21714	.15457	.09373	.20207	.13595	.17565
#1	499.80	512.27	505.85	503.22	103890.	101060.	99039.
#2	497.61	511.66	504.52	503.08	103740.	101230.	98808.
#3	501.03	513.82	505.89	503.96	104160.	101340.	99149.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	509.16	502.38	96537.	509.61	506.26	531.01	529.91
SDev	1.10	1.76	130.	.28	1.56	.55	4.77
%RSD	.21649	.34957	.13450	.05494	.30776	.10440	.90005
#1	509.19	501.52	96425.	509.29	505.57	530.39	524.90
#2	508.04	501.23	96505.	509.73	505.17	531.46	530.44
#3	510.24	504.41	96679.	509.81	508.05	531.18	534.39
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	514.85	10594.	490.03	512.02	506.95	503.54	507.62
SDev	2.43	16.	3.81	1.23	1.91	2.24	1.42
%RSD	.47137	.14719	.77671	.24082	.37741	.44510	.27892
	513.42	10594.	485.73	512.45	505.76	501.60	507.55
	513.49	10579.	491.39	510.62	505.94	503.03	506.24
#3	517.66	10610.	492.96	512.97	509.16	506.00	509.87
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

Low	450.00	9000.0	450.00	450.00	450.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	530.74	531.15
SDev	3.93	1.25
%RSD	.73976	.23453
#1	527.19	531.99
#2	534.96	529.72
#3	530.07	531.74
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13131	--	--	--	--	--	--
SDev	32.59346	--	--	--	--	--	--
%RSD	.2482113	--	--	--	--	--	--
#1	13158	--	--	--	--	--	--
#2	13141	--	--	--	--	--	--
#3	13095	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCB-1-3 Operator:
Run Time: 06/30/96 13:13:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.03927	82.343	-.30271	84.096	.28193	.47363	16.028
SDev	.16665	4.792	1.31512	2.747	.11200	.05141	7.401
%RSD	424.39	5.8201	434.45	3.2663	39.728	10.855	46.178
#1	-.05850	79.688	-1.8209	85.658	.19367	.41445	11.548
#2	-.05538	87.875	.48556	85.706	.40793	.50735	24.570
#3	.23169	79.465	.42722	80.925	.24418	.49908	11.965
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.00041	.40929	.57762	-2.1447	10.255	44.203	11.366
SDev	.13331	.50615	.11314	.1026	12.907	16.597	7.952
%RSD	32318.	123.66	19.587	4.7852	125.86	37.546	69.967
#1	-.15434	.70154	.70824	-2.0317	4.2656	33.062	4.9136
#2	.07582	-.17516	.51420	-2.2321	25.069	63.278	20.250
	.07728	.70150	.51042	-2.1705	1.4314	36.271	8.9337
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.04520	.30332	466.35	1.0322	-1.3531	.60788	-.88971
SDev	.07886	1.2048	74.27	.1066	.2347	.28960	1.68927
%RSD	174.45	397.21	15.926	10.326	17.348	47.641	189.87
#1	.09095	1.2155	394.56	1.0925	-1.2793	.33388	-.66461
#2	.09052	.75694	542.88	1.0950	-1.1641	.91090	.67572
#3	-.04586	-1.0625	461.62	.90915	-1.6159	.57886	-2.6803
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.00251	1.4154	1.5607	.08869	.30035	-.63362	-1.7123
SDev	1.98658	.7515	4.6898	.15698	.51375	1.36055	.3494
%RSD	79099.	53.091	300.48	176.99	171.05	214.73	20.405
	-2.2964	.85096	6.8115	.26996	.00527	.15568	-1.9958
#2	1.1444	2.2684	-2.2118	-.00102	.00220	.14810	-1.8193
#3	1.1444	1.1269	.08246	-.00285	.89358	-2.2046	-1.3220
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	5.6893	-1.9290
SDev	2.8604	1.8607
%RSD	50.278	96.461
#1	8.5637	-3.7749
#2	2.8431	-.05376
#3	5.6609	-1.9584
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13568	--	--	--	--	--	--
SDev	84.53993	--	--	--	--	--	--
%RSD	.6230832	--	--	--	--	--	--
#1	13510	--	--	--	--	--	--
#2	13529	--	--	--	--	--	--
#3	13665	--	--	--	--	--	--

Method: TRACE2 Sample Name: 062310I Operator:
Run Time: 06/30/96 13:19:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2153.9	24657.	45.344	124.22	97.888	.78290	2339.9
SDev	5.8	76.	4.985	.95	.495	.05484	4.0
%RSD	.26926	.30930	10.993	.76277	.50582	7.0048	.17253
#1	2159.6	24734.	49.152	123.40	98.436	.71964	2343.4
#2	2154.2	24653.	47.178	125.26	97.756	.81198	2340.8
#3	2148.0	24582.	39.702	124.00	97.473	.81707	2335.5
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.60487	8.0783	49.195	56.334	43099.	2014.4	3080.1
SDev	.14121	.2550	.559	.186	115.	9.6	4.7
%RSD	23.346	3.1563	1.1366	.32995	.26727	.47757	.15389
#1	-.44182	7.8109	49.829	56.429	43195.	2025.5	3084.3
#2	-.68719	8.3187	48.984	56.120	43130.	2009.8	3081.2
#3	-.68561	8.1054	48.772	56.454	42971.	2008.0	3075.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	471.15	3.9421	702.96	17.088	130.33	10.068	-3.0897
SDev	1.07	.5433	28.62	.435	.32	1.255	2.0058
%RSD	.22707	13.783	4.0716	2.5463	.24655	12.465	64.920
#1	471.95	3.6484	732.49	17.299	130.34	9.7203	-.77356
#2	471.56	4.5691	701.04	16.588	130.01	9.0236	-4.2507
#3	469.93	3.6089	675.34	17.378	130.65	11.460	-4.2447
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	10.208	1087.6	-2.9778	81.406	130.92	132.26	129.37
SDev	2.419	2.6	4.4289	.259	.15	.53	.25
%RSD	23.702	.23690	148.73	.31786	.11126	.40273	.19515
	8.2769	1090.3	-1.2225	81.521	131.08	132.05	129.49
#2	9.4244	1087.5	-8.0154	81.110	130.90	131.86	129.08
#3	12.922	1085.1	.30434	81.588	130.79	132.86	129.54
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/l	ug/L
Avge	.87125	14.660
SDev	3.7527	.391
%RSD	430.73	2.6675
#1	-1.0172	15.081
#2	-1.5621	14.308
#3	5.1931	14.589
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13097	--	--	--	--	--	--
SDev	61.04370	--	--	--	--	--	--
%RSD	.4660773	--	--	--	--	--	--
#1	13035	--	--	--	--	--	--
#2	13100	--	--	--	--	--	--
#3	13157	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623102 Operator:
Run Time: 06/30/96 13:24:59
mment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	242.69	32563.	14.623	57.475	75.320	1.0916	555.53
SDev	1.64	134.	5.523	1.584	.127	.0491	3.72
%RSD	.67764	.41119	37.769	2.7567	.16816	4.5016	.67018
#1	241.10	32459.	16.386	59.220	75.223	1.0530	551.54
#2	242.59	32517.	8.4340	56.127	75.275	1.1469	556.15
#3	244.39	32714.	19.050	57.079	75.463	1.0749	558.91
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-1.3573	10.571	43.356	16.353	37285.	1337.7	2894.3
SDev	.3607	.383	.359	.064	155.	2.4	16.8
%RSD	26.577	3.6194	.82780	.38859	.41591	.18139	.58214
#1	-1.7489	10.134	43.426	16.287	37161.	1335.2	2876.2
#2	-1.0387	10.844	42.968	16.358	37235.	1337.9	2897.4
#3	-1.2842	10.735	43.675	16.414	37459.	1340.1	2909.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	288.08	2.0642	624.64	18.897	29.051	4.1175	-3.0008
SDev	1.26	.7277	29.81	.534	1.124	2.2767	.6938
%RSD	.43613	35.254	4.7729	2.8255	3.8681	55.294	23.121
#1	286.91	1.2738	591.74	19.157	29.393	4.7744	-2.3055
#2	287.91	2.2123	632.34	18.282	27.796	1.5846	-3.6931
#3	289.41	2.7064	649.85	19.250	29.964	5.9936	-3.0037
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	7.8603	1073.7	-2.5736	58.810	67.507	32.234	27.461
SDev	.8944	5.3	1.9953	.242	.814	.736	1.320
%RSD	11.379	.49047	77.531	.41232	1.2052	2.2826	4.8051
	7.0623	1069.0	-1.4119	58.541	67.086	32.378	27.902
#2	8.8271	1072.9	-4.8775	59.012	66.991	31.437	25.978
#3	7.6916	1079.4	-1.4313	58.877	68.445	32.887	28.504
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-.76644	6.5559
SDev	4.68803	1.9304
%RSD	611.67	29.446
#1	3.2217	5.5496
#2	-5.9305	5.3364
#3	.40942	8.7815
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13073	--	--	--	--	--	--
SDev	49.32545	--	--	--	--	--	--
%RSD	.3773078	--	--	--	--	--	--
#1	13092	--	--	--	--	--	--
#2	13110	--	--	--	--	--	--
#3	13017	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623104 Operator:
Run Time: 06/30/96 13:30:43
mment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1239.3	19621.	15.462	95.579	73.964	.42055	5159.4
SDev	5.1	73.	1.943	1.535	.265	.05772	29.0
%RSD	.41253	.37231	12.568	1.6056	.35861	13.724	.56171
#1	1244.3	19697.	16.128	97.289	74.248	.35621	5188.6
#2	1239.6	19614.	13.273	95.126	73.922	.43768	5159.0
#3	1234.1	19551.	16.985	94.322	73.722	.46776	5130.6
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.31505	7.1065	33.068	35.200	27253.	1417.9	2654.1
SDev	.00404	.0211	.509	.286	163.	6.3	16.5
%RSD	1.2813	.29758	1.5391	.81238	.59954	.44261	.62072
#1	.31208	7.1287	33.652	35.511	27408.	1424.7	2666.6
#2	.31342	7.1042	32.721	34.949	27269.	1416.7	2660.2
#3	.31964	7.0866	32.831	35.140	27083.	1412.3	2635.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	542.66	1.2913	697.47	15.498	105.01	6.5128	-.64655
SDev	2.62	.4816	55.27	.770	.79	1.8575	2.13954
%RSD	.48331	37.298	7.9240	4.9668	.75066	28.520	330.91
#1	545.29	1.7738	758.11	15.469	105.91	7.3601	1.2240
#2	542.67	1.2896	684.37	16.282	104.49	7.7956	-.18420
#3	540.04	.81052	649.93	14.743	104.62	4.3828	-2.9795
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	9.6993	745.66	-1.7403	72.345	101.78	107.47	103.78
SDev	2.4013	2.75	3.4814	.435	.59	2.85	.47
%RSD	24.757	.36934	200.05	.60176	.58018	2.6500	.45021
	10.130	748.57	-5.5805	72.593	102.29	110.67	103.54
	7.1120	745.31	1.2094	72.600	101.90	106.51	103.48
#3	11.856	743.10	-.84986	71.843	101.13	105.22	104.32
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	1.0481	9.2411
SDev	4.4240	4.8130
%RSD	422.09	52.083
#1	-3.1046	12.585
#2	.54790	11.414
#3	5.7010	3.7247
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12979	--	--	--	--	--	--
SDev	42.66536	--	--	--	--	--	--
%RSD	.3287346	--	--	--	--	--	--
#1	12934	--	--	--	--	--	--
#2	12983	--	--	--	--	--	--
#3	13019	--	--	--	--	--	--

Method: TRACE2 Sample Name: 062310/ Operator:
Run Time: 06/30/96 13:36:27
ment:
Mode: CONC Corr. Factor. 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	630.86	18468.	10.515	184.41	95.245	.37772	9467.3
SDev	4.11	127.	2.821	.14	.698	.13118	72.0
%RSD	.65150	.68605	26.830	.07610	.73321	34.729	.76087
#1	635.20	18589.	7.7496	184.53	96.012	.28362	9538.8
#2	630.35	18478.	13.389	184.44	95.078	.32198	9468.4
#3	627.02	18337.	10.408	184.26	94.646	.52757	9394.7
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.90167	5.4946	27.349	45.111	21940.	1497.0	2843.1
SDev	.24821	.3494	.236	.589	173.	13.1	20.3
%RSD	27.528	6.3590	.86391	1.3052	.78814	.87508	.71225
#1	1.1502	5.7141	27.482	45.659	22116.	1510.8	2862.8
#2	.90105	5.6780	27.488	45.186	21936.	1495.6	2844.3
#3	.65377	5.0917	27.076	44.489	21770.	1484.7	2822.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	472.34	1.1464	652.81	14.354	74.161	4.2185	-5.1304
SDev	3.62	.7368	25.54	.368	2.218	4.1575	1.7545
%RSD	.76700	64.273	3.9129	2.5655	2.9910	98.554	34.197
#1	476.13	1.3177	636.06	14.077	75.700	8.1962	-4.9174
#2	471.98	1.7825	682.21	14.213	75.163	4.5573	-3.4922
#3	468.91	.33901	640.17	14.772	71.618	-.09806	-6.9817
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	7.7612	716.32	-2.2734	54.381	168.45	78.614	71.937
SDev	1.0808	5.36	5.3807	.604	1.78	1.729	2.640
%RSD	13.926	.74890	236.68	1.1106	1.0585	2.1998	3.6696
#1	8.4113	721.52	2.1264	54.785	170.37	80.485	73.311
#2	8.3588	716.62	-.67415	54.671	168.15	78.282	73.607
#3	6.5136	710.81	-8.2724	53.687	166.84	77.075	68.894
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-.30965	6.4791
SDev	5.05056	4.2033
%RSD	1631.1	64.875
#1	5.4979	9.5433
#2	-2.7527	8.2068
#3	-3.6741	1.6873
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12889	--	--	--	--	--	--
SDev	96.52116	--	--	--	--	--	--
%RSD	.7488452	--	--	--	--	--	--
#1	12794	--	--	--	--	--	--
#2	12887	--	--	--	--	--	--
#3	12987	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0625108 Operator:
Run Time: 06/30/96 13:42:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.22780	27532.	8.2359	67.483	71.651	1.1994	766.41
SDev	.16046	78.	.7271	.545	.186	.0405	2.73
%RSD	70.437	.28506	8.8278	.80713	.25933	3.3781	.35586
#1	.24641	27515.	7.3992	68.050	71.467	1.1596	763.99
#2	.05885	27618.	8.7136	67.436	71.839	1.1978	769.36
#3	.37814	27464.	8.5949	66.964	71.646	1.2406	765.86
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-1.1914	13.389	33.879	11.421	28058.	1590.5	4442.4
SDev	.0057	.128	.240	.168	78.	6.8	16.9
%RSD	.47581	.95261	.70935	1.4752	.27748	.42563	.38026
#1	-1.1854	13.260	33.663	11.588	27991.	1584.5	4427.9
#2	-1.1966	13.392	34.147	11.424	28144.	1597.8	4460.9
#3	-1.1923	13.515	33.806	11.251	28041.	1589.1	4438.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	347.73	.93588	581.10	17.724	31.145	2.4114	-.74740
SDev	1.00	.70362	31.81	1.020	1.075	.2667	1.05788
%RSD	.28732	75.183	5.4740	5.7523	3.4509	11.060	141.54
#1	346.76	.78785	592.73	16.870	30.685	2.4748	.40986
#2	348.75	.31805	605.45	17.449	30.377	2.6407	-1.6647
#3	347.67	1.7017	545.11	18.853	32.374	2.1187	-.98739
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	6.0056	1526.1	-1.9320	56.727	55.492	36.380	28.532
SDev	2.3584	4.4	4.4594	.390	1.121	.701	1.743
%RSD	39.269	.28572	230.82	.68789	2.0193	1.9280	6.1082
	4.6581	1523.6	-6.0180	57.142	54.621	35.743	28.159
	8.7288	1531.1	2.8248	56.367	56.756	37.132	27.005
#3	4.6299	1523.6	-2.6027	56.671	55.098	36.266	30.430
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-4.5010	5.8624
SDev	2.3896	.8461
%RSD	53.091	14.432
#1	-2.8598	5.1381
#2	-3.4005	5.6568
#3	-7.2426	6.7924
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13282	--	--	--	--	--	--
SDev	53.53815	--	--	--	--	--	--
%RSD	.4030779	--	--	--	--	--	--
#1	13230	--	--	--	--	--	--
#2	13280	--	--	--	--	--	--
#3	13337	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0626109 Operator:
Run Time: 06/30/96 13:47:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1148.6	18239.	5.8478	111.25	168.49	.40922	13009.
SDev	6.2	70.	2.8584	1.74	.88	.03273	86.
%RSD	.53914	.38300	48.880	1.5633	.52166	7.9988	.65795
#1	1144.9	18195.	3.7495	109.56	167.92	.39523	12957.
#2	1155.8	18319.	9.1034	111.15	169.50	.38580	13108.
#3	1145.2	18203.	4.6904	113.03	168.03	.44662	12963.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.1058	7.3848	31.280	64.776	22474.	1789.4	3493.2
SDev	.2412	.3848	.392	.522	138.	8.2	18.2
%RSD	21.808	5.2108	1.2544	.80585	.61203	.45690	.51975
#1	.86542	6.9484	30.859	64.283	22404.	1788.2	3486.1
#2	1.1043	7.5303	31.589	65.323	22633.	1798.1	3513.8
#3	1.3477	7.6756	31.414	64.723	22386.	1781.9	3479.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	890.39	.82262	533.13	17.795	99.309	5.0187	-2.0089
SDev	4.54	.47775	73.27	.415	1.332	1.9959	1.6286
%RSD	.50960	58.077	13.744	2.3347	1.3417	39.769	81.067
#1	887.87	1.2980	464.45	17.634	98.054	6.8400	-1.0661
#2	895.63	.82732	610.26	17.484	100.71	2.8850	-3.8895
#3	887.68	.34253	524.67	18.267	99.166	5.3312	-1.0713
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	8.3445	761.18	-4.7348	56.246	251.69	98.644	99.641
SDev	.5804	3.83	.4504	.905	1.97	.589	1.809
%RSD	6.9553	.50352	9.5115	1.6094	.78131	.59734	1.8156
#1	8.3371	758.68	-4.2369	55.614	252.20	98.551	97.806
#2	7.7679	765.59	-4.8540	57.283	253.36	99.274	101.42
#3	8.9286	759.26	-5.1136	55.840	249.53	98.107	99.696
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-.60632	7.8271
SDev	3.57408	1.3939
%RSD	589.47	17.809
#1	1.7547	9.3788
#2	-4.7183	6.6810
#3	1.1446	7.4213
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12911	--	--	--	--	--	--
SDev	38.37100	--	--	--	--	--	--
%RSD	.2972038	--	--	--	--	--	--
#1	12926	--	--	--	--	--	--
#2	12867	--	--	--	--	--	--
#3	12939	--	--	--	--	--	--

Method: TRACE2 Sample Name: 062611O Operator:
Run Time: 06/30/96 13:53:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.48123	39728.	6.3451	89.218	107.95	1.3684	855.01
SDev	.21549	198.	4.7822	1.787	.40	.1177	4.11
%RSD	44.779	.49728	75.368	2.0034	.37031	8.5980	.48117
#1	.66817	39846.	9.4181	89.083	108.04	1.2604	859.29
#2	.24554	39838.	8.7819	91.070	108.30	1.3509	854.65
#3	.52999	39500.	.83539	87.503	107.51	1.4938	851.09
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-1.3741	15.655	44.479	15.059	33590.	1741.3	5048.8
SDev	.2717	.287	.516	.195	140.	6.1	20.1
%RSD	19.771	1.8350	1.1603	1.2927	.41767	.34914	.39718
#1	-1.0605	15.858	44.793	15.175	33686.	1746.8	5064.3
#2	-1.5364	15.780	44.761	15.167	33656.	1742.4	5056.0
#3	-1.5254	15.326	43.884	14.834	33429.	1734.8	5026.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	450.21	.48050	656.79	21.231	22.068	.55037	-2.7968
SDev	1.57	1.0852	66.23	.155	1.004	.88776	2.0995
%RSD	.34862	225.84	10.084	.72923	4.5485	161.30	75.069
#1	451.49	1.7335	709.52	21.193	23.024	.33332	-4.6338
#2	450.69	-.14452	582.46	21.099	22.158	1.5265	-.50826
#3	448.46	-.14753	678.40	21.401	21.023	-.20874	-3.2482
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	5.0473	1705.7	-1.0446	65.113	74.406	24.763	20.723
SDev	.8844	7.7	1.7980	.825	.955	1.336	1.053
%RSD	17.521	.45367	172.12	1.2666	1.2839	5.3964	5.0801
#1	5.2668	1709.9	-2.1977	64.193	74.361	26.304	21.386
#2	4.0738	1710.4	1.0272	65.786	75.383	23.930	21.273
#3	5.8012	1696.7	-1.9633	65.360	73.474	24.055	19.509
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-5.0347	3.3387
SDev	2.8252	2.6246
%RSD	56.115	78.610
#1	-2.6950	1.8452
#2	-8.1733	6.3692
#3	-4.2357	1.8017
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13230	--	--	--	--	--	--
SDev	77.17512	--	--	--	--	--	--
%RSD	.5833343	--	--	--	--	--	--
#1	13156	--	--	--	--	--	--
#2	13224	--	--	--	--	--	--
#3	13310	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623111 Operator:
Run Time: 06/30/96 13:59:23
mment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	463.01	20024.	9.4637	95.957	76.299	.61699	1981.5
SDev	5.29	214.	2.0748	1.498	.777	.15405	15.4
%RSD	1.1427	1.0697	21.924	1.5616	1.0177	24.968	.77774
#1	466.94	20190.	8.4117	96.711	76.876	.46930	1992.2
#2	465.08	20100.	11.854	94.231	76.606	.60498	1988.6
#3	456.99	19782.	8.1257	96.928	75.417	.77670	1963.9
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.31650	6.8795	27.728	42.240	25820.	1163.0	2378.4
SDev	.24163	.3113	.589	.636	238.	7.8	26.9
%RSD	76.344	4.5243	2.1228	1.5048	.92027	.66753	1.1306
#1	-.55741	6.6283	28.036	42.626	25972.	1164.9	2395.9
#2	-.31793	6.7826	28.098	42.587	25943.	1169.5	2391.8
#3	-.07416	7.2277	27.049	41.506	25547.	1154.4	2347.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	302.70	.66280	685.67	15.396	113.61	2.9561	-3.6128
SDev	2.86	.28741	15.62	.303	1.84	1.3132	2.4699
%RSD	.94338	43.362	2.2774	1.9683	1.6208	44.424	68.366
#1	304.93	.83236	669.56	15.143	113.40	2.2373	-1.8455
#2	303.68	.82508	700.73	15.732	115.54	2.1592	-6.4351
#3	299.48	.33096	686.71	15.313	111.88	4.4719	-2.5579
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	7.5339	860.17	-5.5044	60.998	139.65	116.75	112.04
SDev	.9257	9.20	.9507	.834	1.31	1.69	1.92
%RSD	12.287	1.0698	17.271	1.3677	.93613	1.4514	1.7095
1	8.3954	867.32	-5.6077	61.548	140.74	116.50	111.85
2	6.5552	863.40	-4.5063	61.599	140.01	118.56	114.04
#3	7.6511	849.79	-6.3992	60.045	138.20	115.20	110.22
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-1.5160	5.1889
SDev	3.7284	3.6714
%RSD	245.94	70.755
#1	2.2649	2.2236
#2	-1.6234	4.0477
#3	-5.1895	9.2953
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12936	--	--	--	--	--	--
SDev	144.2925	--	--	--	--	--	--
%RSD	1.115463	--	--	--	--	--	--
#1	12822	--	--	--	--	--	--
#2	12887	--	--	--	--	--	--
#3	13098	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623112 Operator:
Run Time: 06/30/96 14:05:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Ba3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.69231	55584.	22.299	80.986	162.49	2.1974	697.22
SDev	.23917	80.	.979	.688	.51	.0266	.50
%RSD	34.547	.14474	4.3922	.84999	.31092	1.2119	.07200
#1	.53439	55608.	21.597	80.479	162.70	2.1769	697.13
#2	.57506	55650.	21.881	81.770	162.86	2.1877	697.76
#3	.96749	55494.	23.418	80.709	161.91	2.2275	696.77
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-2.4233	20.225	69.636	25.379	65465.	2185.1	7580.2
SDev	.1350	.175	.205	.257	67.	4.3	7.1
%RSD	5.5717	.86628	.29449	1.0131	.10168	.19591	.09351
#1	-2.5792	20.092	69.794	25.219	65520.	2186.9	7588.2
#2	-2.3446	20.424	69.710	25.675	65484.	2188.2	7574.9
#3	-2.3460	20.160	69.404	25.242	65391.	2180.2	7577.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	394.41	1.3872	546.48	29.653	30.455	3.4629	-3.9049
SDev	.19	.5310	64.68	.439	2.839	3.7840	1.7416
%RSD	.04756	38.281	11.836	1.4789	9.3216	109.27	44.600
#1	394.39	1.7002	495.36	29.922	28.210	6.2918	-4.3606
#2	394.60	.77403	619.19	29.890	29.508	-.83543	-1.9808
#3	394.23	1.6873	524.88	29.147	33.646	4.9324	-5.3734
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	7.3240	2034.3	.06817	103.94	93.431	35.810	27.781
SDev	1.7796	2.2	3.5252	.10	.495	2.472	3.105
%RSD	24.298	.11047	5170.8	.09730	.52973	6.9018	11.177
#1	9.2718	2034.9	-.67458	103.91	93.180	34.589	25.026
#2	5.7831	2036.2	3.9056	104.05	94.001	34.187	27.172
#3	6.9172	2031.8	-3.0265	103.86	93.111	38.655	31.145
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-.30273	5.3429
SDev	4.69749	3.5003
%RSD	1551.7	65.512
#1	4.2693	7.3015
#2	-5.1163	1.3018
#3	-.06116	7.4255
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13376	--	--	--	--	--	--
SDev	39.50106	--	--	--	--	--	--
%RSD	.2953056	--	--	--	--	--	--
#1	13346	--	--	--	--	--	--
#2	13362	--	--	--	--	--	--
#3	13421	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623113 Operator:
Run Time: 06/30/96 14:10:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1132.6	12349.	11.176	72.542	70.948	.28750	5765.8
SDev	2.4	28.	5.225	1.846	.206	.10966	23.6
%RSD	.21048	.22998	46.754	2.5444	.29068	38.144	.40869
#1	1134.4	12363.	13.468	74.299	71.143	.21785	5778.5
#2	1129.9	12317.	14.863	72.709	70.732	.41391	5738.6
#3	1133.6	12368.	5.1963	70.619	70.968	.23074	5780.3
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.01379	4.8685	49.921	32.413	20508.	1106.1	2109.6
SDev	.24222	.2218	.177	.188	72.	4.1	13.3
%RSD	1757.1	4.5555	.35498	.58143	.35006	.37497	.62909
#1	-.22851	5.1243	50.120	32.549	20562.	1107.7	2116.7
#2	.01393	4.7293	49.782	32.493	20426.	1101.4	2094.3
#3	.25594	4.7520	49.860	32.198	20535.	1109.2	2117.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	548.19	1.4547	552.43	12.657	84.681	3.4596	-3.1072
SDev	1.88	.2781	29.06	.644	1.311	3.3349	3.5386
%RSD	.34368	19.120	5.2611	5.0889	1.5477	96.395	113.88
#1	549.64	1.3007	584.62	12.034	86.178	-.38958	.64169
#2	546.06	1.2877	528.13	12.617	83.741	5.4809	-3.5741
#3	548.86	1.7758	544.52	13.320	84.123	5.2875	-6.3891
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	9.5247	546.70	-1.8619	53.922	148.90	85.697	84.173
SDev	1.5812	1.90	1.6909	.471	.82	2.728	1.861
%RSD	16.601	.34738	90.816	.87281	.55391	3.1834	2.2113
#1	10.748	548.10	-2.1280	54.348	149.46	87.425	85.555
#2	10.087	544.54	-3.4038	53.417	147.95	87.114	82.057
#3	7.7392	547.47	-.05370	54.002	149.28	82.552	84.908
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-5.1711	7.7684
SDev	4.8166	2.7122
%RSD	93.145	34.913
#1	-10.550	4.6832
#2	-1.2580	8.8452
#3	-3.7049	9.7769
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12942	--	--	--	--	--	--
SDev	47.07795	--	--	--	--	--	--
%RSD	.3637516	--	--	--	--	--	--
#1	12908	--	--	--	--	--	--
#2	12996	--	--	--	--	--	--
#3	12923	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCV-1-4 Operator:
Run Time: 06/30/96 14:16:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	527.27	9934.9	543.79	5395.4	514.45	520.98	106350.
SDev	2.76	44.5	6.80	24.9	2.62	2.87	612.
%RSD	.52289	.44837	1.2501	.46196	.51013	.55006	.57570
#1	529.79	9973.5	547.09	5410.5	517.02	523.74	106960.
#2	524.32	9886.1	535.97	5366.6	511.78	518.02	105740.
#3	527.70	9945.0	548.31	5409.1	514.56	521.19	106350.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	498.72	511.99	505.74	506.22	103840.	102250.	99165.
SDev	2.80	2.26	2.98	3.13	597.	438.	592.
%RSD	.56217	.44147	.58944	.61872	.57476	.42847	.59733
#1	501.12	514.41	508.71	508.92	104390.	102610.	99749.
#2	495.64	509.94	502.74	502.79	103210.	101760.	98565.
#3	499.41	511.62	505.76	506.96	103930.	102390.	99181.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	509.52	502.28	97441.	509.43	504.42	533.38	527.44
SDev	2.38	1.44	440.	4.37	2.00	3.11	2.19
%RSD	.46752	.28582	.45171	.85688	.39614	.58278	.41554
#1	511.72	502.16	97812.	513.11	505.91	532.95	526.44
#2	506.99	500.90	96954.	504.61	502.15	530.51	525.93
#3	509.86	503.77	97556.	510.56	505.20	536.68	529.96
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	516.49	10610.	488.18	511.49	503.98	502.63	505.31
SDev	4.21	59.	1.22	2.86	3.42	3.01	2.17
%RSD	.81524	.55327	.24905	.55912	.67898	.59820	.43034
#1	517.93	10667.	487.43	514.19	507.84	506.08	505.82
#2	511.75	10550.	487.52	508.49	501.33	500.59	502.93
#3	519.80	10611.	489.58	511.80	502.76	501.22	507.19
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

Low	450.00	9000.0	450.00	450.00	450.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	534.17	532.99
SDev	8.46	1.67
%RSD	1.5831	.31281
#1	536.53	531.17
#2	524.78	536.37
#3	541.19	534.43
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13065	--	--	--	--	--	--
SDev	52.93707	--	--	--	--	--	--
%RSD	.4051926	--	--	--	--	--	--
#1	13043	--	--	--	--	--	--
#2	13125	--	--	--	--	--	--
#3	13026	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCB-1-4 Operator:
Run Time: 06/30/96 14:22:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Ba3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.54435	89.315	.79077	87.055	.22450	.41375	17.074
SDev	.23465	1.103	1.8281	1.811	.04959	.03816	4.836
%RSD	43.107	1.2350	231.19	2.0803	22.088	9.2219	28.326
#1	.43237	90.326	1.3671	88.770	.23381	.37087	15.558
#2	.81401	89.479	-1.2561	87.232	.26876	.42644	22.486
#3	.38666	88.139	2.2613	85.161	.17091	.44395	13.177
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.15457	.52443	.25755	-2.2060	6.7846	48.434	12.016
SDev	.13403	.30661	.11223	.1643	6.7175	5.975	5.763
%RSD	86.713	58.466	43.577	7.4471	99.012	12.336	47.964
#1	.07710	.70145	.32217	-2.1149	4.3195	45.502	7.0633
#2	.30934	.70145	.32252	-2.1074	14.386	55.308	18.342
#3	.07727	.17038	.12796	-2.3956	1.6477	44.491	10.643
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.04730	.76783	521.54	1.2890	-1.6565	.58280	-2.1146
SDev	.07888	.91931	66.86	.5508	1.1864	.96257	.5180
%RSD	166.74	119.73	12.821	42.733	71.624	165.16	24.495
#1	-.04377	-.15256	509.58	1.7078	-.90440	-.14835	-2.6793
#2	.09256	1.6861	593.58	.66501	-1.0408	.22338	-2.0032
#3	.09313	.77000	461.47	1.4942	L-3.0242	1.6734	-1.6614
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.56471	1.7104	1.5693	.18210	.17473	-2.2235	-1.3734
SDev	2.0803	.5708	3.3389	.41389	.26381	.6692	1.5753
%RSD	368.38	33.370	212.77	227.29	150.98	30.099	114.70
#1	2.8718	1.7081	4.9783	.54305	.47933	-2.4208	-.14734
#2	-.00952	2.2822	-1.6947	.27289	.01990	-1.4778	-.82268
#3	-1.1681	1.1407	1.4241	-.26965	.02495	-2.7719	-1.4719
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

ow			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	5.5313	-1.8877
SDev	3.7389	2.7567
%RSD	67.595	146.03
#1	3.5911	-2.0153
#2	9.8415	-4.5784
#3	3.1614	.93048
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13428	--	--	--	--	--	--
SDev	27.50151	--	--	--	--	--	--
%RSD	.2048021	--	--	--	--	--	--
#1	13456	--	--	--	--	--	--
#2	13428	--	--	--	--	--	--
	13401	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623114 Operator:
Run Time: 06/30/96 14:28:03
ment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.6759	27455.	10.846	103.60	56.450	1.0923	562.88
SDev	.4054	112.	2.302	.66	.405	.0801	1.47
%RSD	24.192	.40705	21.223	.63388	.71669	7.3319	.26094
#1	1.3325	27484.	8.2592	103.19	56.515	1.0129	563.57
#2	2.1232	27331.	11.612	103.26	56.017	1.0910	561.20
#3	1.5720	27549.	12.668	104.36	56.818	1.1730	563.88
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-1.2311	11.781	34.969	12.867	28784.	1258.8	4157.8
SDev	.2422	.389	.329	.182	123.	5.1	16.4
%RSD	19.676	3.3045	.94163	1.4134	.42596	.40431	.39324
#1	-.99192	12.125	34.640	12.671	28804.	1258.7	4157.2
#2	-1.2251	11.858	34.970	13.030	28653.	1253.8	4141.8
	-1.4763	11.359	35.298	12.899	28896.	1263.9	4174.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	267.37	-.29752	629.33	17.391	15.765	2.7682	-2.7073
SDev	.99	.97639	67.30	.454	2.199	2.6083	1.5045
%RSD	.37127	328.17	10.693	2.6084	13.947	94.226	55.572
#1	267.53	-.61102	577.21	17.446	17.318	5.3092	-4.4329
#2	266.31	-1.0787	705.30	16.912	16.728	2.8980	-1.6710
#3	268.28	.79711	605.47	17.814	13.249	.09734	-2.0179
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	7.2402	1144.2	-2.1615	56.302	60.225	17.696	14.801
SDev	1.9178	5.0	1.9240	.211	.234	1.256	2.677
%RSD	26.488	.43586	89.013	.37436	.38926	7.0990	18.085
	9.4301	1144.7	-4.3815	56.062	59.993	18.733	16.612
#2	6.4301	1138.9	-1.1253	56.457	60.462	18.057	16.064
#3	5.8604	1148.9	-.97769	56.386	60.219	16.299	14.726
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

000161

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-2.3870	5.3419
SDev	1.8953	3.0042
%RSD	79.402	56.239
#1	-.30428	8.1117
#2	-2.8461	5.7657
#3	-4.0106	2.1482
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13142	--	--	--	--	--	--
SDev	50.50742	--	--	--	--	--	--
%RSD	.3843207	--	--	--	--	--	--
#1	13091	--	--	--	--	--	--
#2	13192	--	--	--	--	--	--
#3	13143	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623115 Operator:
Run Time: 06/30/96 14:33:47
mment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.12e6	24628.	5.4154	85.565	49.855	.87899	504.00
SDev	.2499	64.	2.1718	1.069	.336	.04522	1.00
%RSD	22.180	.25942	40.103	1.2499	.67480	5.1442	.19926
#1	1.4055	24582.	3.0556	86.705	49.587	.85099	505.10
#2	1.0512	24601.	5.8605	84.584	49.746	.93115	503.76
#3	.92307	24701.	7.3302	85.407	50.233	.85482	503.14
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.87806	9.9015	30.626	11.735	25770.	1120.4	3596.7
SDev	.13908	.6294	.144	.149	48.	2.3	8.1
%RSD	15.840	6.3563	.46883	1.2698	.18750	.20919	.22456
#1	-.80147	10.573	30.495	11.906	25826.	1117.8	3605.3
#2	-1.0386	9.8071	30.779	11.636	25737.	1122.4	3589.3
#3	-.79410	9.3247	30.603	11.663	25748.	1121.0	3595.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	215.45	.81461	631.24	18.067	20.661	3.2195	-1.4111
SDev	.44	.47689	56.36	.351	1.370	3.4423	1.9251
%RSD	.20195	58.542	8.9277	1.9450	6.6285	106.92	136.42
#1	215.94	1.2892	680.88	18.426	22.238	-.74118	-3.6261
#2	215.11	.33544	642.86	17.724	19.769	4.9105	-.14138
#3	215.30	.81920	569.98	18.049	19.976	5.4892	-.46582
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	6.5127	1085.7	1.2851	50.453	62.598	24.390	18.800
SDev	.5854	1.5	6.0930	.338	.700	.227	2.166
%RSD	8.9892	.13912	474.12	.66939	1.1181	.92963	11.522
	5.9174	1084.8	7.1107	50.737	63.407	24.131	21.293
	7.0877	1084.9	-5.0440	50.541	62.196	24.555	17.380
#3	6.5331	1087.4	1.7887	50.080	62.193	24.483	[illegible]
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-3.2463	6.4476
SDev	6.5623	3.1206
%RSD	202.14	48.400
#1	-9.0484	3.4062
#2	-4.5663	9.6418
#3	3.8756	6.2948
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12987	--	--	--	--	--	--
SDev	48.01389	--	--	--	--	--	--
%RSD	.3696978	--	--	--	--	--	--
#1	12986	--	--	--	--	--	--
#2	13036	--	--	--	--	--	--
	12940	--	--	--	--	--	--

Analysis Report SB-LA Sun 06-30-96 02:45:11 PM page

Method: TRACE2 Sample Name: 0623116 Operator:
Run Time: 06/30/96 14:39:32
ment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1736.4	20576.	8.3882	82.319	614.45	.53146	7878.4
SDev	.3	6.	1.3747	1.880	1.02	.05863	4.4
%RSD	.01713	.02704	16.389	2.2840	.16602	11.031	.05590
#1	1736.7	20581.	7.0512	80.187	613.72	.46772	7874.3
#2	1736.1	20570.	9.7978	83.741	614.00	.54360	7877.9
#3	1736.2	20578.	8.3156	83.027	615.61	.58307	7883.1
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	161.92	7.4515	196.06	303.30	25116.	1240.0	2724.5
SDev	.76	.6832	.44	.19	10.	3.2	1.1
%RSD	.46865	9.1682	.22505	.06249	.04122	.26130	.03865
#1	161.77	8.2108	195.92	303.09	25104.	1241.1	2723.4
#2	161.25	7.2572	195.70	303.44	25119.	1236.4	2724.9
#3	162.74	6.8866	196.55	303.38	25125.	1242.6	2725.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	193.90	.84108	574.81	23.105	394.32	5.0361	-.74915
SDev	.39	.96697	9.04	1.188	1.05	2.3298	2.36649
%RSD	.19981	114.97	1.5727	5.1409	.26721	46.262	315.89
#1	193.78	.84417	578.41	21.831	393.21	3.5679	-1.3347
#2	193.58	1.8065	564.53	23.303	394.43	3.8179	-2.7679
#3	194.33	-.12744	581.50	24.182	395.31	7.7224	1.8551
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	23.231	813.48	-1.4428	48.123	165.87	388.47	397.24
SDev	.898	.51	3.3181	.255	.28	2.69	1.68
%RSD	3.8638	.06329	229.98	.53017	.17092	.69295	.42331
	22.466	813.47	2.1307	48.418	165.73	388.71	395.46
	24.219	812.96	-2.0326	47.972	165.68	385.67	398.80
#3	23.008	813.99	-4.4265	47.980	166.19	391.04	397.44
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

000165

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-1.0053	8.0523
SDev	.7462	3.3078
%RSD	74.221	41.080
#1	-.64891	5.6732
#2	-1.8629	6.6540
#3	-.50422	11.830
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12745	--	--	--	--	--	--
SDev	23.11565	--	--	--	--	--	--
%RSD	.1813751	--	--	--	--	--	--
#1	12718	--	--	--	--	--	--
#2	12759	--	--	--	--	--	--
#3	12757	--	--	--	--	--	--

Method: TRACE2 Sample Name: 062117 Operator:
Run Time: 06/30/96 14:45:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2501.9	15075.	8.2596	124.32	70.150	.34595	5628.3
SDev	6.9	29.	4.9051	1.36	.081	.08524	9.2
%RSD	.27499	.19496	59.363	1.0935	.11497	24.639	.16390
#1	2507.5	15108.	8.0504	122.75	70.239	.25443	5631.5
#2	2504.1	15062.	13.264	125.05	70.131	.36035	5635.4
#3	2494.3	15054.	3.4644	125.16	70.081	.42308	5617.9
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	17.201	6.4561	76.074	142.85	28666.	867.54	1865.8
SDev	.399	.2972	.431	.55	53.	3.03	3.6
%RSD	2.3201	4.6029	.56602	.38227	.18574	.34921	.19164
#1	17.320	6.7176	76.301	143.47	28710.	869.40	1863.5
#2	17.527	6.5178	76.344	142.63	28681.	869.17	1870.0
#3	16.756	6.1329	75.578	142.44	28607.	864.04	1864.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	165.98	1.0096	705.81	29.888	108.99	3.1695	-2.8970
SDev	.33	.7400	33.01	.476	1.19	1.1415	1.5583
%RSD	.20167	73.293	4.6771	1.5935	1.0953	36.016	53.791
#1	166.13	.85118	672.76	30.312	108.51	1.9197	-3.6152
#2	166.21	.36171	738.78	29.372	110.35	4.1571	-1.1091
#3	165.59	1.8160	705.90	29.980	108.11	3.4318	-3.9667
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	9.2892	662.37	1.2427	34.053	116.44	109.33	108.82
SDev	.7059	1.39	1.2291	.437	.14	.86	2.21
%RSD	7.5996	.21035	98.909	1.2845	.11711	.78935	2.0317
	9.7142	663.55	.38274	33.549	116.36	109.88	107.82
	8.4743	662.74	.69482	34.338	116.60	108.33	111.35
#3	9.6791	660.83	2.6504	34.271	116.37	109.76	107.28
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000		
Elem	1960/1	1960/2					
Units	ug/L	ug/L					
Avge	-6.7403	8.1170					
SDev	1.4162	1.0925					
%RSD	21.011	13.460					
#1	-7.9734	6.8588					
#2	-5.1936	8.8255					
#3	-7.0539	8.6668					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12683	--	--	--	--	--	--
SDev	26.00641	--	--	--	--	--	--
%RSD	.2050440	--	--	--	--	--	--
#1	12657	--	--	--	--	--	--
#2	12684	--	--	--	--	--	--
	12709	--	--	--	--	--	--

Method: TRACE2 Sample Name: PBW-1934/1956 Operator:
Run Time: 06/30/96 14:51:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.2044	103.76	-.97132	20.443	2.2797	.24963	156.14
SDev	.5225	1.77	1.63727	.590	.0462	.03506	1.06
%RSD	43.380	1.7087	168.56	2.8876	2.0284	14.045	.67999
#1	1.7337	105.80	-2.5455	20.968	2.3304	.26028	157.31
#2	1.1906	102.62	.72247	20.558	2.2399	.21048	155.24
#3	.68900	102.86	-1.0909	19.804	2.2687	.27813	155.86
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.16087	-.01182	.45503	-.35530	52.912	28.217	15.004
SDev	.00067	.35800	.40883	.10269	2.988	3.970	.655
%RSD	.41901	3027.8	89.847	28.904	5.6464	14.071	4.3646
#1	-.16163	-.37088	.12794	-.47360	55.219	28.461	14.348
#2	-.16066	.34511	.91336	-.28912	49.537	24.130	15.005
#3	-.16033	-.00971	.32379	-.30317	53.980	32.060	15.658
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.0104	.78009	321.32	2.8129	.24062	1.2431	-.51869
SDev	.0794	.46475	55.84	.2430	1.0673	2.5201	2.06388
%RSD	7.8551	59.576	17.379	8.6387	443.54	202.73	397.90
#1	1.0594	.78332	319.52	2.5324	-.64642	3.2761	1.4261
#2	.91887	1.2432	378.04	2.9532	-.05673	2.0296	-2.6840
#3	1.0530	.31373	266.40	2.9532	1.4250	-1.5765	-.29814
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	94.295	1.5774	-.35791	.27736	11.619	1.8330	-.55440
SDev	.808	.6251	1.57610	.54932	.302	1.2842	1.26320
%RSD	.85715	39.629	440.36	198.05	2.6007	70.059	227.85
	93.372	1.2922	-1.6158	.82710	11.812	.35365	-1.1457
#2	94.876	1.1457	1.4101	.27652	11.774	2.6609	[illegible]
#3	94.637	2.2942	-.86804	-.27154	11.271	2.4846	.89600
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	8.1933	-2.2269
SDev	.2993	3.6457
%RSD	3.6531	163.72
#1	8.5206	.65782
#2	8.1258	-1.0140
#3	7.9335	-6.3244
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13308	--	--	--	--	--	--
SDev	34.50121	--	--	--	--	--	--
%RSD	.2592581	--	--	--	--	--	--
#1	13273	--	--	--	--	--	--
#2	13308	--	--	--	--	--	--
	13342	--	--	--	--	--	--

Method: TRACE2 Sample Name: LCSW-1934/1956 Operator:
Run Time: 06/30/96 14:56:44
mment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	55.173	2074.8	43.238	2207.6	2066.1	53.435	21798.
SDev	.084	11.3	2.244	15.3	11.8	.240	93.
%RSD	.15241	.54616	5.1892	.69206	.57055	.44986	.42884
#1	55.168	2087.0	40.858	2222.9	2079.5	53.701	21889.
#2	55.092	2064.5	43.542	2192.4	2057.1	53.233	21703.
#3	55.260	2073.0	45.315	2207.4	2061.7	53.372	21803.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.000	2400.0	48.000	2400.0	2400.0	60.000	24000.
Low	40.000	1600.0	32.000	1600.0	1600.0	40.000	16000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	47.589	503.16	206.72	249.99	1016.5	23681.	19943.
SDev	.292	2.05	.59	1.24	6.6	121.	100.
%RSD	.61332	.40819	.28367	.49422	.64554	.51208	.50145
#1	47.882	504.47	207.17	251.22	1023.2	23802.	20036.
#2	47.298	500.79	206.06	248.75	1010.1	23559.	19837.
3	47.588	504.22	206.92	250.01	1016.3	23683.	19955.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.000	600.00	240.00	300.00	1200.0	24000.	24000.
Low	40.000	400.00	160.00	200.00	800.00	16000.	16000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	513.46	2056.6	17632.	521.53	L15.765	10.670	517.87
SDev	2.23	5.9	149.	2.43	.719	2.980	2.11
%RSD	.43415	.28539	.84684	.46628	4.5623	27.930	.40680
#1	515.61	2057.4	17803.	523.43	L14.952	10.010	516.15
#2	511.16	2050.3	17561.	518.79	16.318	8.0751	520.22
#3	513.60	2062.0	17531.	522.37	16.024	H13.925	517.24
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass	LC Pass
High	600.00	2400.0	24000.	600.00	24.000	12.000	600.00
Low	400.00	1600.0	16000.	400.00	16.000	8.0000	400.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2043.2	2156.2	42.678	512.69	522.14	16.033	15.651
SDev	12.6	10.3	3.532	1.35	2.44	.553	.898
%RSD	.61720	.47700	8.2770	.26295	.46667	3.4497	5.7434
	2054.5	2166.5	L39.086	514.15	524.27	15.488	14.684
#2	2029.6	2145.9	46.148	511.49	519.48	16.015	16.470
#3	2045.5	2156.1	42.801	512.42	522.68	16.594	[illegible]
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2400.0	2400.0	60.000	600.00	600.00		

Low	1600.0	1600.0	40.000	400.00	400.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	12.889	9.5617
SDev	4.215	2.9096
%RSD	32.699	30.429
#1	14.638	7.6989
#2	8.0817	8.0718
#3	15.948	12.915
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13233	--	--	--	--	--	--
SDev	52.00320	--	--	--	--	--	--
%RSD	.3929911	--	--	--	--	--	--
#1	13195	--	--	--	--	--	--
#2	13292	--	--	--	--	--	--
	13211	--	--	--	--	--	--

Method: TRACE2 Sample Name: 062s908 Operator:
Sun Time: 06/30/96 15:02:29
mment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.23086	113.71	.83185	76.598	1.7885	.07763	331.09
SDev	.29039	4.00	2.8024	3.789	.2005	.04949	1.84
%RSD	125.78	3.5194	336.89	4.9467	11.212	63.749	.55716
#1	-.07656	109.10	4.0678	80.881	1.5572	.13462	328.96
#2	.50052	115.71	-.79390	73.682	1.9121	.05288	332.13
#3	.26862	116.31	-.77834	75.231	1.8964	.04540	332.18
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.08323	.52102	.45961	.42674	16.852	78.280	70.513
SDev	.36393	.47791	.11489	.29580	3.245	4.916	3.185
%RSD	437.23	91.725	24.999	69.316	19.259	6.2803	4.5165
#1	.31387	.16117	.52450	.46984	14.888	73.407	67.576
#2	-.16273	.33863	.52738	.11176	15.069	78.194	73.898
3	-.40085	1.0633	.32695	.69862	20.598	83.238	70.063
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.3992	2.3662	703.32	.89352	-1.6928	1.0798	-1.9850
SDev	.1659	.5352	3.91	.75140	.4581	2.9374	1.2493
%RSD	11.855	22.618	.55561	84.095	27.061	272.04	62.935
#1	1.2077	2.6679	705.52	1.6805	-1.8441	-1.1058	-3.3704
#2	1.4974	1.7483	698.81	.81649	-2.0561	-.07369	-.94400
#3	1.4926	2.6824	705.64	.18359	-1.1782	4.4188	-1.6407
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2.9150	1.2057	1.7043	.37856	7.2187	-1.4268	-1.8256
SDev	1.5597	.4480	1.8964	.16269	.8555	.7160	.9825
%RSD	53.507	37.154	111.27	42.977	11.851	50.182	53.816
	4.0858	.71629	1.5190	.28351	6.2309	-.72221	-2.4042
#2	3.5148	1.3054	3.6866	.56641	7.7269	-1.4045	-2.3815
#3	1.1444	1.5954	-.09260	.28575	7.6981	-2.1537	-2.1743
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	3.8674	-.31196
SDev	4.6791	3.43307
%RSD	120.99	1100.5
#1	4.8484	-4.0785
#2	-1.2245	.50087
#3	7.9782	2.6418
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13119	--	--	--	--	--	--
SDev	48.34597	--	--	--	--	--	--
%RSD	.3685281	--	--	--	--	--	--
#1	13170	--	--	--	--	--	--
#2	13074	--	--	--	--	--	--
#3	13112	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623911 Operator:
Run Time: 06/30/96 15:08:13
ment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.52023	167.98	2.2113	142.11	31.945	.00860	21773.
SDev	.30515	2.04	1.5049	1.81	.064	.01320	40.
%RSD	58.656	1.2141	68.057	1.2723	.20085	153.57	.18297
#1	.45469	165.75	2.1069	141.12	31.871	.01154	21805.
#2	.25319	169.75	3.7657	144.20	31.981	-.00583	21785.
#3	.85283	168.43	.76124	141.01	31.983	.02008	21728.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.35243	.82277	.75980	1.2914	1772.9	1876.4	7420.6
SDev	.36588	.27818	.23185	.2911	8.2	4.0	8.0
%RSD	103.82	33.811	30.515	22.540	.46021	.21398	.10715
#1	-.27259	.88359	.49208	1.6274	1772.8	1875.5	7428.1
#2	-.03306	.51921	.89456	1.1313	1781.2	1880.8	7421.4
#3	-.75163	1.0655	.89276	1.1155	1764.8	1873.0	7412.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	239.83	.49391	26263.	3.7814	-.99924	1.1311	-1.5741
SDev	.49	1.1908	71.	.4285	1.36183	1.8095	4.0737
%RSD	.20313	241.09	.26867	11.333	136.29	159.98	258.80
#1	239.82	-.61102	26199.	4.2102	-1.6015	1.9556	2.8448
#2	240.33	.33762	26339.	3.3532	-1.9561	-.94382	-5.1800
#3	239.35	1.7551	26251.	3.7808	.55987	2.3814	-2.3870
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	3.1268	3.1257	.94260	.97304	8.8757	-1.6639	-.66743
SDev	1.3715	.0826	2.1174	.16190	.2750	3.5215	1.00538
%RSD	43.863	2.6439	224.64	16.639	3.0988	211.65	150.63
#1	2.3340	3.0759	-.13150	.78610	9.1929	-4.8687	.02966
#2	2.3358	3.0800	3.3818	1.0678	8.7297	-2.2289	-1.8199
#3	4.7104	3.2211	-.42250	1.0652	8.7044	2.1060	[illegible]
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	5.7820	-1.1909
SDev	5.8534	1.0962
%RSD	101.24	92.054
#1	5.9248	-.02596
#2	-.14154	-1.3444
#3	11.563	-2.2023
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13023	--	--	--	--	--	--
SDev	15.27525	--	--	--	--	--	--
%RSD	.1172974	--	--	--	--	--	--
#1	13026	--	--	--	--	--	--
#2	13006	--	--	--	--	--	--
#3	13036	--	--	--	--	--	--

Method: TRACE2 Sample Name: 06239110 Operator:
Run Time: 06/30/96 15:13:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.14271	206.51	3.7636	199.33	32.815	-.14400	23048.
SDev	.38898	.53	1.8274	1.99	.276	.08096	89.
%RSD	272.57	.25635	48.556	.99671	.84092	56.222	.38575
#1	.08338	206.31	2.5090	197.50	32.498	-.06422	22951.
#2	.55794	206.11	2.9214	199.05	32.947	-.14169	23066.
#3	-.21320	207.11	5.8602	201.45	33.000	-.22609	23127.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.44403	.70161	.96789	1.6379	1890.9	2014.6	7850.6
SDev	.13994	.00012	.47148	.0395	11.2	11.4	37.8
%RSD	31.516	.01680	48.712	2.4124	.59179	.56516	.48165
#1	-.52243	.70154	.69483	1.6805	1878.7	2001.7	7808.0
#2	-.28247	.70154	.69653	1.6025	1893.4	2018.9	7863.5
	-.52721	.70175	1.5123	1.6306	1900.7	2023.2	7880.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	254.50	1.3038	27810.	2.4897	-.48539	4.4818	-3.2137
SDev	1.05	.4852	62.	.5730	1.62704	1.7039	1.9447
%RSD	.41304	37.216	.22373	23.016	335.20	38.019	60.512
#1	253.29	.81931	27738.	2.2744	-2.3159	2.5505	-1.3337
#2	254.97	1.3023	27842.	2.0555	.06343	5.1220	-3.0902
#3	255.23	1.7898	27849.	3.1392	.79627	5.7729	-5.2172
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2.5456	2.8552	-1.1552	1.2645	10.600	1.4928	-1.4730
SDev	.9171	.0938	1.5808	.1637	.241	1.3002	2.7709
%RSD	36.025	3.2838	136.85	12.942	2.2766	87.098	188.11
	2.3420	2.7972	-.15454	1.3533	10.718	2.4041	-4.6723
#2	3.5474	2.8050	-2.9776	1.0756	10.760	.00386	.09317
#3	1.7475	2.9634	-.33329	1.3645	10.623	2.0704	.16015
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	9.9874	1.7331
SDev	3.5075	3.3488
%RSD	35.119	193.23
#1	11.469	-1.9021
#2	5.9823	4.6925
#3	12.511	2.4088
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12895	--	--	--	--	--	--
SDev	45.54485	--	--	--	--	--	--
%RSD	.3532069	--	--	--	--	--	--
#1	12939	--	--	--	--	--	--
#2	12897	--	--	--	--	--	--
#3	12848	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCV-1-5 Operator:
Run Time: 06/30/96 15:19:41
Comment:
Type: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	532.85	10078.	545.50	5492.4	520.05	523.99	106820.
SDev	1.00	30.	5.15	3.7	1.18	.29	14.
%RSD	.18776	.29681	.94356	.06690	.22647	.05453	.01276
#1	533.94	10110.	H551.25	5488.3	521.41	523.92	106810.
#2	531.98	10073.	543.96	5493.4	519.51	523.74	106830.
#3	532.64	10051.	541.31	5495.4	519.24	524.30	106830.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	500.19	515.29	509.35	512.18	104500.	103580.	99878.
SDev	.93	1.05	1.33	.54	31.	247.	59.
%RSD	.18553	.20286	.26026	.10581	.02953	.23852	.05902
#1	500.00	514.34	507.96	512.61	104510.	103860.	99945.
#2	499.37	515.13	510.60	511.87	104520.	103500.	99839.
#3	501.19	516.41	509.48	511.87	104460.	103390.	99848.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	513.42	506.43	98532.	513.59	507.17	542.56	529.28
SDev	.22	3.79	144.	.75	1.88	4.72	2.43
%RSD	.04359	.74893	.14648	.14589	.37023	.86907	.45993
#1	513.45	502.07	98698.	513.20	508.27	539.67	529.15
#2	513.19	508.93	98448.	514.46	508.23	548.00	526.92
#3	513.64	508.30	98449.	513.12	505.00	540.01	531.78
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	515.66	10706.	493.21	514.75	504.73	506.93	507.28
SDev	1.25	6.	4.45	.31	.79	.86	2.55
%RSD	.24306	.05783	.90263	.06111	.15648	.16969	.50268
	515.64	10713.	488.87	514.91	503.89	506.63	509.09
	514.42	10705.	493.00	514.95	505.46	507.90	508.39
#3	516.93	10701.	497.76	514.38	504.84	506.26	504.37
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

Low	450.00	9000.0	450.00	450.00	450.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	546.54	540.57
SDev	2.79	6.32
%RSD	.51027	1.1686
#1	547.66	535.68
#2	548.60	547.70
#3	543.37	538.33
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12799	--	--	--	--	--	--
SDev	14.01190	--	--	--	--	--	--
%RSD	.1094737	--	--	--	--	--	--
#1	12800	--	--	--	--	--	--
#2	12785	--	--	--	--	--	--
#3	12813	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCB-1-5 Operator:
Run Time: 06/30/96 15:25:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.27401	99.013	2.8444	109.32	.28674	.22316	19.315
SDev	.17231	5.605	2.5671	3.77	.01402	.20428	6.771
%RSD	62.886	5.6606	90.252	3.4527	4.8906	91.541	35.056
#1	.32041	105.48	1.1288	113.39	.27056	.00001	14.737
#2	.41837	95.498	5.7956	108.63	.29530	.40095	27.093
#3	.08325	96.065	1.6087	105.94	.29437	.26853	16.115
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.15263	.40315	.53032	-2.0977	3.6945	61.352	11.856
SDev	.36092	.27444	.53640	.0389	10.249	9.864	7.585
%RSD	236.46	68.074	101.15	1.8522	277.41	16.077	63.972
#1	-.16502	.70165	1.1393	-2.0663	5.8421	63.344	7.6176
#2	.54509	.34603	.32367	-2.0856	12.699	70.067	20.612
#3	.07783	.16177	.12797	-2.1412	-7.4580	50.644	7.3382
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Sel960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.00502	.48460	492.23	1.4700	-1.0641	1.3324	-3.0101
SDev	.07723	.54419	48.60	.3485	.2184	3.7343	1.9327
%RSD	1539.6	112.30	9.8732	23.705	20.521	280.26	64.208
#1	-.03813	.82153	484.28	1.8722	-1.2199	-.33092	-.92637
#2	.09418	.77549	544.31	1.2791	-.81447	H5.6094	-3.3600
#3	-.04100	-.14321	448.09	1.2587	-1.1578	-1.2812	-4.7441
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	T11908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.3409	1.4898	4.0568	-.17868	-.24814	-.24501	-1.4730
SDev	1.8861	.5715	5.3456	.15741	.27102	1.25919	.9205
%RSD	140.65	38.359	131.77	88.094	109.22	513.95	62.493
#1	.54473	1.1674	4.7144	-.26980	-.37312	1.1317	-2.3939
#2	-.01643	2.1497	-1.5872	.00308	-.43411	-1.3385	-.55287
#3	3.4945	1.1524	9.0432	-.26932	.06282	-.52822	-1.4722
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	4.5775	-.28767
SDev	2.1349	4.95756
%RSD	46.638	1723.4
#1	2.2437	-1.6163
#2	6.4319	5.1988
#3	5.0570	-4.4455
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13151	--	--	--	--	--	--
SDev	216.7125	--	--	--	--	--	--
%RSD	1.647837	--	--	--	--	--	--
#1	12919	--	--	--	--	--	--
#2	13348	--	--	--	--	--	--
#3	13187	--	--	--	--	--	--

Method: TRACE2 Sample Name: 06239115 Operator:
Run Time: 06/30/96 15:31:10
ıment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	49.834	2153.3	34.135	2266.9	187.53	3.8482	42968.
SDev	.472	6.2	1.120	11.6	1.00	.0187	160.
%RSD	.94766	.28934	3.2807	.51337	.53162	.48503	.37328
#1	49.791	2155.0	32.986	2256.2	186.61	3.8545	42915.
#2	50.326	2158.4	35.224	2279.3	188.59	3.8628	43148.
#3	49.384	2146.3	34.194	2265.3	187.39	3.8271	42841.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	33.733	40.583	15.110	20.962	2763.4	25516.	27131.
SDev	.327	.600	.089	.443	24.9	67.	102.
%RSD	.97039	1.4774	.58911	2.1131	.90010	.26106	.37533
#1	33.460	40.731	15.029	20.971	2762.1	25480.	27097.
#2	34.096	41.095	15.095	21.400	2788.8	25593.	27246.
#3	33.644	39.923	15.205	20.514	2739.1	25475.	27051.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	280.00	2000.8	45399.	41.761	11.421	8.6789	28.847
SDev	1.20	13.0	191.	.896	.852	2.4871	1.198
%RSD	.42694	.65178	.42145	2.1447	7.4592	28.657	4.1545
#1	279.66	1996.4	45324.	41.942	12.387	10.080	29.642
#2	281.33	2015.4	45616.	42.552	11.095	10.149	29.431
#3	279.02	1990.4	45255.	40.789	10.780	5.8074	27.469
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1994.9	2110.4	26.961	39.165	43.680	11.351	11.456
SDev	13.0	8.2	4.255	.380	.400	1.848	1.723
%RSD	.65385	.38974	15.782	.96974	.91616	16.284	15.041
#1	1992.3	2106.8	31.593	39.603	43.801	11.304	12.928
#2	2009.0	2119.8	23.227	38.926	44.006	9.5261	11.878
#3	1983.3	2104.5	26.064	38.967	43.234	13.222	9.5608
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	11.178	7.4312
SDev	2.932	2.9815
%RSD	26.232	40.122
#1	10.030	10.105
#2	14.511	7.9718
#3	8.9942	4.2163
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12849	--	--	--	--	--	--
SDev	41.18657	--	--	--	--	--	--
%RSD	.3205513	--	--	--	--	--	--
#1	12860	--	--	--	--	--	--
#2	12803	--	--	--	--	--	--
#3	12883	--	--	--	--	--	--

Method: TRACE2 Sample Name: 06239111 Operator:
Run Time: 06/30/96 15:36:55
ment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.17034	120.05	-.21053	116.61	6.5527	.03915	4406.4
SDev	.19602	1.36	1.55987	1.51	.0721	.04163	22.7
%RSD	115.08	1.1321	740.92	1.2964	1.0996	106.31	.51622
#1	.28705	121.39	-1.2531	117.99	6.5465	.03977	4409.6
#2	.27993	120.08	-.96129	116.83	6.6277	-.00277	4427.3
#3	-.05597	118.67	1.5828	114.99	6.4840	.08047	4382.2
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.18463	.57949	.38833	-1.3562	349.63	424.79	1489.5
SDev	.23937	.21123	.23192	.1187	3.93	10.03	4.6
%RSD	129.65	36.451	59.722	8.7547	1.1236	2.3609	.30904
#1	.05575	.33558	.52366	-1.2496	348.77	423.43	1489.8
#2	-.18666	.70140	.12054	-1.3348	353.92	435.43	1494.0
#3	-.42297	.70150	.52078	-1.4842	346.21	415.51	1484.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	47.869	2.2458	5552.9	1.6564	-.79750	1.3713	-3.6277
SDev	.294	1.7212	55.0	.2135	.40483	2.7315	2.3387
%RSD	.61369	76.638	.98963	12.889	-50.762	199.19	64.469
#1	48.018	3.6714	5557.1	1.4392	-.60885	2.3980	-1.6399
#2	48.059	2.7324	5605.6	1.8660	-1.2622	-1.7248	-6.2046
#3	47.531	.33377	5495.9	1.6640	-.52144	3.4406	-3.0384
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.9378	1.0657	2.2798	.09346	2.0239	-1.3565	-.51842
SDev	2.2579	.0883	2.7649	.32521	.4918	1.6227	.20638
%RSD	116.52	8.2864	121.28	347.97	24.298	119.63	39.810
#1	-.64831	1.0168	3.4136	.28024	1.5462	-.68927	-.56870
#2	2.9440	1.1676	-.87181	.28219	2.5286	-3.2065	-.29154
#3	3.5176	1.0126	4.2976	-.28206	1.9968	-.17377	-.69501
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	9.7103	-2.7920
SDev	2.5951	3.8739
%RSD	26.725	138.75
#1	7.3466	-.07253
#2	9.2971	-7.2275
#3	12.487	-1.0760
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12980	--	--	--	--	--	--
SDev	72.67049	--	--	--	--	--	--
%RSD	.5598651	--	--	--	--	--	--
#1	12965	--	--	--	--	--	--
#2	12916	--	--	--	--	--	--
#3	13059	--	--	--	--	--	--

Method: TRACE2 Sample Name: 062391lA Operator:
Run Time: 06/30/96 15:42:39
ment:
da: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	52.948	2101.1	45.537	2244.6	2020.6	50.707	41309.
SDev	.152	10.4	1.962	7.5	8.0	.196	134.
%RSD	.28795	.49414	4.3087	.33625	.3939	.38644	.32468
#1	52.936	2111.4	43.393	2253.1	2029.7	50.905	41462.
#2	52.802	2090.7	47.242	2238.7	2014.9	50.513	41211.
#3	53.106	2101.3	45.976	2241.8	2017.3	50.703	41255.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	48.113	482.60	198.71	248.82	2662.7	24885.	26050.
SDev	.136	2.63	1.10	.52	8.6	87.	95.
%RSD	.28287	.54465	.55222	.21034	.32289	.34853	.36429
#1	48.062	485.57	199.97	249.08	2669.6	24968.	26156.
#2	48.267	480.55	198.01	248.22	2653.1	24795.	25972.
#3	48.010	481.69	198.15	249.16	2665.5	24892.	26023.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	719.99	1937.6	42939.	501.53	17.660	12.059	498.34
SDev	2.26	2.8	149.	2.98	.619	.921	3.65
%RSD	.31391	.14415	.34610	.59433	3.5057	7.6355	.73173
#1	722.53	1939.6	43098.	503.81	17.421	11.282	501.16
#2	718.20	1938.9	42803.	502.63	17.197	11.819	499.65
#3	719.25	1934.5	42916.	498.16	18.364	13.076	494.22
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1988.5	2040.8	44.460	492.63	498.36	20.388	16.299
SDev	9.2	6.1	5.905	2.14	3.03	2.960	.744
%RSD	.46456	.29694	13.282	.43532	.60834	14.521	4.5655
#1	1995.6	2047.5	40.375	494.68	501.64	20.694	15.787
#2	1978.0	2035.6	51.231	490.41	497.76	17.286	17.192
#3	1991.8	2039.4	41.775	492.79	495.67	23.183	16.957
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	15.380	10.401
SDev	2.100	.607
%RSD	13.655	5.8387
#1	13.082	10.383
#2	15.859	9.8029
#3	17.199	11.017
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12909	--	--	--	--	--	--
SDev	44.50093	--	--	--	--	--	--
%RSD	.3447191	--	--	--	--	--	--
#1	12858	--	--	--	--	--	--
#2	12933	--	--	--	--	--	--
#3	12937	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0627802 Operator:
Run Time: 06/30/96 15:48:24
mment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba7/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.09274	144.94	1.7871	111.05	1.0048	-.01859	301.97
SDev	.26463	1.42	3.5322	1.43	.1161	.01688	5.42
%RSD	285.35	.97864	197.65	1.2884	11.559	90.783	1.7943
#1	-.19686	143.32	.19382	111.26	.92278	-.02508	298.18
#2	.15309	146.00	-.66783	112.36	1.1677	.00057	308.18
#3	.32198	145.48	5.8352	109.52	.95391	-.03127	299.55
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.24750	.27313	.80131	-.39473	34.939	103.61	40.283
SDev	.13887	.46135	.61738	.15531	5.336	1.28	4.288
%RSD	56.108	168.91	77.046	39.346	15.273	1.2307	10.645
#1	-.40785	-.21517	.93577	-.54052	29.484	102.74	36.785
#2	-.16802	.33287	.12778	-.41228	40.148	103.02	45.067
#3	-.16664	.70170	1.3404	-.23139	35.183	105.08	38.998
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.3771	2.4141	649.16	5.4772	-1.6844	-.38373	-1.3962
SDev	.1455	1.1986	22.51	.2570	.2521	2.51538	2.5871
%RSD	10.563	49.652	3.4678	4.6919	14.966	655.52	185.29
#1	1.2328	3.6806	646.59	5.3282	-1.5222	-2.1516	-2.3325
#2	1.5237	2.2643	672.84	5.7740	-1.9749	-1.4956	-3.3848
#3	1.3749	1.2974	628.04	5.3295	-1.5562	2.4960	1.5286
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.54082	.87114	-1.2390	.19897	10.754	-.63714	-2.2073
SDev	2.1678	.29842	1.3885	.43078	.036	.86288	.0585
%RSD	400.84	34.257	112.06	216.50	.33815	135.43	2.6522
1	1.1444	.57325	-.74002	.29295	10.729	-.03126	-2.2665
#2	-1.8648	1.1701	-.16900	-.27104	10.795	-1.6251	-2.1495
#3	2.3428	.87007	-2.8081	.57501	10.736	-.25507	-2.2499
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	.03233	-.59144
SDev	1.8824	3.80841
%RSD	5821.7	643.92
#1	1.6386	-4.0438
#2	-2.0391	-1.2243
#3	.49749	3.4937
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12913	--	--	--	--	--	--
SDev	35.10461	--	--	--	--	--	--
%RSD	.2718477	--	--	--	--	--	--
#1	12937	--	--	--	--	--	--
#2	12873	--	--	--	--	--	--
#3	12930	--	--	--	--	--	--

Method: TRACE2 Sample Name: 063660l Operator:
Run Time: 06/30/96 15:54:09
ment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.43643	35893.	34.154	129.10	219.59	3.4727	22630.
SDev	.39362	178.	2.087	.82	.94	.0676	143.
%RSD	90.191	.49478	6.1094	.63313	.42862	1.9477	.63868
#1	.04473	35970.	34.185	128.50	219.78	3.3947	22337.
#2	.83194	36018.	36.226	130.03	220.42	3.5081	22469.
#3	.43262	35689.	32.053	128.78	218.57	3.5153	22184.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-1.1801	41.622	1401.1	200.38	134540.	6974.8	8890.1
SDev	.2354	.505	8.2	.64	803.	20.0	51.4
%RSD	19.947	1.2134	.58366	.32162	.59676	.28618	.57777
#1	-1.4103	41.800	1402.0	200.79	134590.	6987.8	8898.5
#2	-1.1900	42.014	1408.9	200.71	135320.	6984.7	8936.7
#3	-.93988	41.052	1392.6	199.64	133720.	6951.8	8835.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2864.5	82.952	7375.9	614.86	59.356	2.8142	-1.4303
SDev	16.7	1.147	47.7	2.55	1.215	3.9712	1.7509
%RSD	.58389	1.3823	.64655	.41439	2.0474	141.12	122.42
#1	2867.2	84.168	7325.1	614.26	60.742	3.5972	.55578
#2	2879.6	81.890	7383.0	617.65	58.854	-1.4903	-2.0955
#3	2846.5	82.797	7419.6	612.66	58.473	6.3355	-2.7511
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	18.884	1319.6	7.7234	105.56	387.67	62.198	57.938
SDev	1.676	6.8	1.0904	1.05	3.06	1.842	.994
%RSD	8.8733	.51549	14.118	.99015	.78972	2.9611	1.7152
#1	20.400	1321.3	8.9814	106.01	387.11	64.296	58.968
#2	17.085	1325.4	7.0504	106.30	390.98	60.846	57.859
#3	19.166	1312.1	7.1383	104.36	384.93	61.453	57.988
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

00191

Low			-10.000	-50.000	-20.000

lem	1960/1	1960/2
Units	ug/L	ug/L
Avge	7.5099	.46981
SDev	3.1722	5.5901
%RSD	42.240	1189.9
#1	4.3592	3.2168
#2	7.4673	-5.9623
#3	10.703	4.1550
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13682	--	--	--	--	--	--
SDev	74.02027	--	--	--	--	--	--
%RSD	.5410047	--	--	--	--	--	--
#1	13680	--	--	--	--	--	--
#2	13609	--	--	--	--	--	--
#3	13757	--	--	--	--	--	--

Method: TRACE2 Sample Name: 06336010 Operator:
Run Time: 06/30/96 15:59:53
Comment:
Name: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.18883	30078.	32.869	138.78	201.21	3.0476	20839.
SDev	.17904	88.	2.498	.81	.74	.0420	47.
%RSD	94.814	.29183	7.6009	.58693	.37018	1.3772	.22424
#1	.09344	30022.	34.043	138.47	200.92	3.0624	20856.
#2	.39537	30033.	30.000	139.70	200.66	3.0802	20786.
#3	.07769	30180.	34.563	138.16	202.06	3.0003	20875.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-1.3085	38.220	1298.6	183.87	122290.	5633.6	7901.2
SDev	.1270	.389	2.4	.80	278.	9.7	14.2
%RSD	9.7038	1.0168	.18781	.43660	.22703	.17235	.17978
#1	-1.2546	38.622	1299.3	183.35	122330.	5627.1	7907.7
#2	-1.2174	38.190	1295.9	183.45	122000.	5629.0	7884.9
#3	-1.4536	37.846	1300.6	184.79	122550.	5644.8	7911.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2692.4	75.952	6627.7	574.39	52.423	6.6092	-.92954
SDev	6.3	1.036	43.7	1.02	.478	2.5378	2.05228
%RSD	.23330	1.3636	.65879	.17836	.91204	38.397	220.79
#1	2693.2	74.777	6603.1	575.57	52.889	3.9727	-2.9981
#2	2685.7	76.347	6601.9	573.94	52.446	9.0351	1.1061
#3	2698.2	76.732	6678.1	573.67	51.934	6.8198	-.89661
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	19.564	1169.5	10.502	92.410	365.54	53.940	51.666
SDev	1.932	3.2	2.777	.142	.96	2.087	1.260
%RSD	9.8749	.27555	26.446	.15349	.26340	3.8683	2.4397
	20.654	1168.6	13.708	92.530	365.21	52.662	53.003
	20.705	1166.8	8.8208	92.254	364.78	56.348	50.499
#3	17.334	1173.1	8.9779	92.446	366.62	52.809	51.497
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	10.804	4.5151
SDev	1.279	3.2848
%RSD	11.834	72.752
#1	9.3375	1.2944
#2	11.388	7.8604
#3	11.686	4.3904
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13456	--	--	--	--	--	--
SDev	51.82985	--	--	--	--	--	--
%RSD	.3851707	--	--	--	--	--	--
#1	13502	--	--	--	--	--	--
#2	13467	--	--	--	--	--	--
#3	13400	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0636601S Operator:
Run Time: 06/30/96 16:05:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	45.923	30366.	36.826	2086.5	1413.4	35.649	41620.
SDev	.165	33.	2.754	7.2	3.5	.012	97.
%RSD	.35910	.10795	7.4771	.34521	.24690	.03323	.23221
#1	46.012	30382.	37.689	2080.0	1415.5	35.662	41722.
#2	45.733	30388.	33.745	2094.2	1415.2	35.643	41530.
#3	46.025	30328.	39.045	2085.2	1409.3	35.641	41607.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	13.568	347.50	1067.9	338.62	103540.	27168.	25694.
SDev	.090	.30	1.6	.83	190.	73.	28.
%RSD	.66135	.08700	.15088	.24613	.18386	.26792	.11070
#1	13.465	347.85	1069.4	339.27	103750.	27155.	25725.
#2	13.609	347.33	1066.2	338.92	103380.	27246.	25670.
#3	13.631	347.32	1068.1	337.68	103500.	27103.	25687.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	3016.2	1868.9	23679.	740.26	46.443	6.7615	274.08
SDev	4.9	3.1	32.	1.56	.611	1.2048	2.66
%RSD	.16128	.16736	.13587	.21019	1.3159	17.818	.97005
#1	3021.7	1866.4	23715.	741.58	45.825	5.8670	276.98
#2	3012.6	1872.4	23669.	738.54	46.459	6.2861	271.76
#3	3014.2	1867.9	23652.	740.65	47.047	8.1315	273.50
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1867.7	2833.1	16.852	394.05	654.14	48.266	45.534
SDev	2.6	4.0	1.341	.84	2.61	1.173	1.081
%RSD	.13691	.14004	7.9552	.21299	.39933	2.4300	2.3752
#1	1866.3	2837.0	15.707	394.77	657.16	48.903	44.288
#2	1866.2	2833.2	18.327	393.13	652.61	46.912	46.233
#3	1870.7	2829.1	16.522	394.24	652.65	48.983	46.080
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	13.790	3.2527
SDev	1.207	2.4087
%RSD	8.7511	74.052
#1	14.679	1.4676
#2	14.274	2.2982
#3	12.416	5.9925
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13610	--	--	--	--	--	--
SDev	38.83727	--	--	--	--	--	--
%RSD	.2853513	--	--	--	--	--	--
#1	13567	--	--	--	--	--	--
#2	13642	--	--	--	--	--	--
#3	13622	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0633601L Operator:
Run Time: 06/30/96 16:11:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.29766	7474.0	11.590	125.05	45.381	.76889	4706.1
SDev	.05394	24.8	2.273	1.36	.016	.04280	17.4
%RSD	18.111	.33161	19.610	1.0879	.03449	5.5670	.37031
#1	.24757	7464.6	9.0283	123.93	45.369	.77977	4694.0
#2	.29117	7455.3	12.379	124.67	45.399	.80520	4698.2
#3	.35483	7502.1	13.364	126.56	45.375	.72169	4726.0
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.25306	8.7266	294.21	39.199	28222.	1481.4	1858.7
SDev	.23878	.1765	1.66	.410	75.	2.4	9.2
%RSD	94.359	2.0231	.56503	1.0449	.26598	.16274	.49525
#1	-.25153	8.8383	294.24	39.018	28163.	1480.3	1854.6
#2	-.49260	8.8184	292.54	38.911	28196.	1479.6	1852.3
#3	-.01504	8.5230	295.87	39.668	28306.	1484.1	1869.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	602.41	19.598	1966.0	130.10	11.625	.33586	-.50902
SDev	2.21	2.081	32.1	.73	.656	.94091	.79553
%RSD	.36620	10.618	1.6335	.56046	5.6450	280.15	156.29
#1	600.54	20.825	1958.6	129.55	12.382	1.1864	-1.4276
#2	601.84	20.774	1938.1	130.93	11.239	.49596	-.05908
#3	604.84	17.196	2001.1	129.83	11.252	-.67482	-.04043
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	5.4426	273.98	.19261	22.240	82.442	12.340	11.267
SDev	1.2265	1.24	.25082	.392	.576	1.659	1.790
%RSD	22.535	.45176	130.22	1.7644	.69847	13.444	15.889
1	6.4118	273.16	.48062	22.401	82.983	10.511	13.317
2	4.0637	273.37	.07509	21.793	81.836	12.762	10.479
#3	5.8525	275.40	.02213	22.527	82.507	13.748	10.006
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	2.7449	-.86686
SDev	1.9610	.84182
%RSD	71.443	97.112
#1	5.0069	-.72091
#2	1.7048	-.10755
#3	1.5230	-1.7721
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13224	--	--	--	--	--	--
SDev	53.81759	--	--	--	--	--	--
%RSD	.4069588	--	--	--	--	--	--
#1	13238	--	--	--	--	--	--
#2	13270	--	--	--	--	--	--
#3	13165	--	--	--	--	--	--

Method: TRACE2 Sample Name: 06336O1A Operator:
Run Time: 06/30/96 16:17:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	50.689	35942.	71.302	2083.9	2088.7	50.701	40295.
SDev	.176	98.	1.610	8.6	6.1	.082	82.
%RSD	.34753	.27322	2.2583	.41163	.29030	.16096	.20367
#1	50.521	35834.	70.813	2074.3	2081.8	50.614	40252.
#2	50.872	36025.	69.993	2090.7	2093.3	50.775	40390.
#3	50.675	35966.	73.100	2086.8	2090.9	50.715	40244.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	43.894	491.77	1504.5	428.03	127410.	28244.	26340.
SDev	.304	1.08	3.2	1.17	308.	50.	66.
%RSD	.69242	.21980	.21365	.27416	.24152	.17533	.24008
#1	44.190	491.48	1502.4	426.68	127210.	28188.	26293.
#2	43.910	492.97	1508.2	428.85	127760.	28260.	26412.
#3	43.582	490.87	1502.9	428.54	127250.	28283.	26315.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	3150.2	1918.4	23456.	1044.4	72.861	12.834	467.58
SDev	6.9	9.9	106.	1.3	.762	4.271	1.75
%RSD	.22047	.51858	.45164	.12779	1.0454	33.278	.37422
#1	3144.8	1912.9	23338.	1045.3	72.387	16.985	467.67
#2	3158.0	1929.9	23488.	1045.0	72.456	8.4528	469.28
#3	3147.8	1912.4	23543.	1042.9	73.740	13.063	465.78
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1909.3	3190.9	53.084	561.46	820.66	75.787	71.400
SDev	7.5	7.6	1.896	2.37	1.26	.506	1.021
%RSD	.39040	.23813	3.5725	.42191	.15343	.66778	1.4304
	1904.3	3183.9	51.696	559.23	820.76	76.017	70.575
#2	1917.8	3199.0	52.312	563.95	821.86	75.207	71.082
#3	1905.7	3189.9	55.245	561.21	819.35	76.138	72.544
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	20.472	9.0204
SDev	5.491	3.7227
%RSD	26.825	41.270
#1	25.192	12.888
#2	14.445	5.4613
#3	21.777	8.7122
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13624	--	--	--	--	--	--
SDev	28.21347	--	--	--	--	--	--
%RSD	.2070866	--	--	--	--	--	--
#1	13650	--	--	--	--	--	--
#2	13594	--	--	--	--	--	--
#3	13628	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCB-1-3 Operator:
File Time: 07/01/96 11:54:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.04549	53.723	.24199	95.076	.27131	.28607	20.551
SDev	.17741	2.661	.55375	.731	.00822	.07761	.097
%RSD	389.99	4.9523	228.83	.76852	3.0316	27.129	.47347
#1	.12534	50.680	.87946	95.840	.26209	.37389	20.561
#2	-.03299	54.882	-.11982	94.384	.27790	.25762	20.448
#3	-.22882	55.608	-.03368	95.004	.27393	.22671	20.642
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.07491	-.57531	-.19060	-.34177	13.489	45.132	8.7677
SDev	.13019	.52787	.18937	.18791	4.936	3.928	1.3904
%RSD	173.78	91.754	99.355	54.980	36.591	8.7036	15.858
#1	.15019	-.45854	-.00135	-.35994	14.289	47.771	9.8371
#2	-.07541	-1.1518	-.38009	-.14544	8.2020	40.618	7.1959
#3	.14996	-.11560	-.19035	-.51993	17.976	47.008	9.2701
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.22039	.90314	500.21	.34398	.52043	-.39007	-1.4387
SDev	.07741	.68669	34.55	.42397	.92641	4.21089	2.1132
%RSD	35.124	76.034	6.9078	123.25	178.01	1079.5	146.88
#1	.17517	1.6521	533.29	.68702	-.47142	4.4121	-2.6554
#2	.17622	.75405	503.00	-.13001	1.3634	-2.1310	-2.6622
#3	.30977	.30324	464.35	.47493	.66935	-3.4514	1.0014
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.94655	.80575	-.04328	.08816	1.4918	.08769	.73648
SDev	1.50580	.21520	2.53601	.40816	.2588	1.5997	2.1707
%RSD	159.08	26.708	5859.3	462.99	17.348	1824.3	294.74
#1	-1.5134	1.0405	2.8838	-.35691	1.6268	1.9202	-1.6655
#2	-2.0866	.75902	-1.4314	.17640	1.1934	-1.0294	[illegible]
#3	.76041	.61775	-1.5822	.44498	1.6551	-.62774	[illegible]
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

000300

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	5.7205	5.7349
SDev	3.7641	2.9223
%RSD	65.801	50.957
#1	6.0569	2.5979
#2	1.7994	8.3802
#3	9.3051	6.2266
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	14369	--	--	--	--	--	--
SDev	27.79089	--	--	--	--	--	--
%RSD	.1934041	--	--	--	--	--	--
#1	14349	--	--	--	--	--	--
#2	14401	--	--	--	--	--	--
#3	14358	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCV-1-6 Operator:
Run Time: 06/30/96 16:28:36
Comment:
Type: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	535.96	10140.	549.84	H5516.5	520.03	528.60	107300.
SDev	.83	10.	4.86	3.8	.59	1.78	355.
%RSD	.15441	.10046	.88434	.06922	.11333	.33590	.33070
#1	536.69	10129.	H550.69	H5513.2	520.65	526.69	106930.
#2	535.06	10141.	544.61	H5515.5	519.95	528.90	107330.
#3	536.14	10149.	H554.22	H5520.7	519.48	530.20	107640.
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	505.13	518.68	512.00	516.06	105230.	103710.	100580.
SDev	1.58	.79	1.12	.85	285.	126.	212.
%RSD	.31231	.15176	.21780	.16401	.27044	.12149	.21052
#1	503.78	517.83	510.72	516.72	104960.	103860.	100370.
#2	504.75	518.82	512.48	515.10	105190.	103640.	100560.
#3	506.87	519.38	512.79	516.35	105530.	103640.	100800.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	516.81	510.06	98914.	514.78	511.76	546.60	538.80
SDev	1.36	3.39	18.	1.75	2.74	8.01	7.05
%RSD	.26383	.66390	.01860	.33915	:53608	1.4654	1.3087
#1	515.40	509.43	98935.	512.98	511.38	H552.48	539.41
#2	516.91	507.03	98905.	514.89	509.23	549.84	531.46
#3	518.12	513.72	98902.	516.46	514.68	537.48	545.52
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	518.93	10775.	498.75	520.07	508.41	508.96	513.16
SDev	3.38	11.	2.11	1.96	3.48	2.46	3.23
%RSD	.65117	.10560	.42293	.37756	.68472	.48359	.62886
	515.52	10764.	496.79	518.39	505.50	510.41	511.87
	522.28	10774.	500.99	519.59	507.45	506.12	510.78
#3	518.99	10786.	498.48	522.23	512.26	510.35	516.83
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

Low	450.00	9000.0	450.00	450.00	450.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	549.85	544.98
SDev	6.75	8.83
%RSD	1.2283	1.6207
#1	552.87	552.29
#2	554.57	547.48
#3	542.11	535.16
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12833	--	--	--	--	--	--
SDev	11.50362	--	--	--	--	--	--
%RSD	.0896386	--	--	--	--	--	--
#1	12833	--	--	--	--	--	--
#2	12845	--	--	--	--	--	--
#3	12822	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCB-1-6 Operator:
Run Time: 06/30/96 16:34:21
Comment:
Type: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.33092	96.086	1.2770	101.62	.36582	.15821	26.046
SDev	.09287	5.557	2.7723	1.92	.08690	.02435	10.304
%RSD	28.064	5.7836	217.10	1.8888	23.755	15.390	39.561
#1	.38576	92.002	-.26669	103.27	.28641	.15804	16.925
#2	.22370	102.41	-.37986	102.07	.45865	.13394	37.223
#3	.38332	93.840	4.4776	99.510	.35240	.18264	23.990
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.00310	.39931	.66011	-1.7101	13.141	61.346	14.899
SDev	.13782	.27696	.46091	.1052	18.422	9.293	8.000
%RSD	4449.9	69.361	69.824	6.1525	140.19	15.149	53.690
#1	.07760	.70160	.92568	-1.8158	-3.7107	61.436	7.4250
#2	.07534	.33856	.12789	-1.6053	32.809	70.595	23.337
#3	-.16223	.15776	.92675	-1.7093	10.324	52.008	13.936
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.28595	.80307	553.63	1.3167	-2.0569	.21207	-2.4492
SDev	.21375	.00153	83.79	.3277	.0719	1.7579	2.3140
%RSD	74.751	.19085	15.134	24.889	3.4932	828.94	94.481
#1	.09934	.80141	595.80	1.6742	-2.1281	1.3132	-3.0291
#2	.51915	.80443	607.96	1.0305	-1.9844	1.1382	.09960
#3	.23935	.80335	457.13	1.2455	-2.0581	-1.8153	-4.4182
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.75109	1.7936	2.6198	.38032	.07990	-.78472	-2.6920
SDev	1.8075	.7537	1.3559	.57972	.00304	1.62415	.9147
%RSD	240.65	42.023	51.755	152.43	3.8101	206.97	33.978
#1	-1.2207	1.1570	2.2317	-.26946	.07680	1.0320	-3.7058
#2	2.3296	2.6258	4.1273	.84454	.08289	-2.0963	-1.9286
#3	1.1444	1.5979	1.5002	.56588	.08000	-1.2898	-2.4416
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

SW			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	4.2973	-1.8275
SDev	4.5433	.5594
%RSD	105.72	30.612
#1	6.3431	-1.1980
#2	7.4581	-2.0169
#3	-.90920	-2.2676
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13088	--	--	--	--	--	--
SDev	14.18920	--	--	--	--	--	--
%RSD	.1084166	--	--	--	--	--	--
#1	13103	--	--	--	--	--	--
#2	13075	--	--	--	--	--	--
	13085	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0635603 Operator:
n Time: 06/30/96 16:40:05
nment:
Mode: CONC Corr. actor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.23096	58678.	53.752	219.84	383.57	6.6166	35339.
SDev	.25521	191.	2.794	1.55	1.10	.0455	106.
%RSD	110.50	.32476	5.1976	.70700	.28628	.68826	.30048
#1	-.30386	58726.	55.185	220.71	383.56	6.5640	35396.
#2	-.44178	58841.	50.532	220.77	384.68	6.6408	35405.
#3	.05277	58468.	55.538	218.05	382.48	6.6449	35217.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-3.3119	51.963	634.48	167.82	126720.	9676.7	16224.
SDev	.0195	.190	1.44	.49	366.	15.2	50.
%RSD	.58856	.36549	.22621	.29102	.28870	.15721	.30994
#1	-3.3173	51.910	634.50	167.92	126880.	9681.4	16241.
#2	-3.3281	52.174	635.90	168.26	126970.	9689.0	16264.
	-3.2902	51.806	633.03	167.29	126300.	9659.7	16168.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	3912.2	40.380	23178.	233.59	109.77	3.5570	-1.6543
SDev	11.8	.632	86.	.69	1.22	4.4013	.3711
%RSD	.30286	1.5640	.36917	.29501	1.1144	123.73	22.431
#1	3918.6	40.563	23150.	234.03	108.37	-1.1115	-1.4442
#2	3919.5	39.677	23274.	233.95	110.62	7.6305	-2.0827
#3	3898.5	40.899	23110.	232.80	110.33	4.1521	-1.4359
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	12.037	761.65	10.251	141.17	348.93	108.79	110.26
SDev	2.646	1.49	2.868	.05	1.01	2.38	1.03
%RSD	21.979	.19512	27.973	.03835	.28856	2.1887	.92990
	11.698	762.28	7.7085	141.16	350.01	106.29	109.40
#2	9.5773	762.71	9.6855	141.23	348.75	109.05	111.39
#3	14.836	759.95	13.359	141.13	348.02	111.03	109.98
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	8.2700	1.2041
SDev	3.5237	4.9966
%RSD	42.608	414.97
#1	5.3584	-4.3415
#2	12.187	5.3555
#3	7.2645	2.5982
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	14699	--	--	--	--	--	--
SDev	15.04438	--	--	--	--	--	--
%RSD	.1023520	--	--	--	--	--	--
#1	14683	--	--	--	--	--	--
#2	14700	--	--	--	--	--	--
#3	14713	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0633604 Operator:
Time: 06/30/96 16:45:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.19149	144.57	-.29004	129.01	74.557	-.18763	8394.5
SDev	.28819	6.89	2.30674	1.13	.169	.03912	27.9
%RSD	150.50	4.7649	795.31	.87249	.22677	20.852	.33276
#1	.10571	138.07	-2.7917	127.78	74.741	-.20266	8425.4
#2	.51284	151.79	.16866	129.28	74.521	-.21701	8386.8
#3	-.04407	143.84	1.7529	129.98	74.409	-.14322	8371.2
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.22720	1.6858	1.2712	1.3824	197.52	1998.8	1544.7
SDev	.14128	.4648	.3076	.2892	15.24	3.1	2.3
%RSD	62.185	27.575	24.200	20.917	7.7143	.15401	.14644
#1	.30920	1.6262	.93509	1.6056	192.31	2001.8	1545.2
#2	.06406	2.1775	1.3396	1.4859	214.68	1995.6	1546.7
#3	.30835	1.2536	1.5388	1.0557	185.57	1999.0	1542.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	235.21	4.6652	6026.5	10.910	-.35161	1.4053	-4.4575
SDev	.61	.4717	72.5	.648	.33340	1.2745	1.2764
%RSD	.26143	10.110	1.2034	5.9417	94.823	90.695	28.635
#1	235.85	4.6789	6084.5	10.786	-.62300	1.0431	-5.8745
#2	235.15	4.1868	6049.8	10.333	.02056	2.8217	-3.3978
#3	234.62	5.1298	5945.2	11.612	-.45238	.35103	-4.1003
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.3452	.77319	-.93905	.38456	55.330	-1.9856	.46414
SDev	.6957	.22802	2.35811	.43253	.693	.3981	.49583
%RSD	51.716	29.491	251.12	112.48	1.2516	20.049	106.83
#1	1.7484	.72406	1.7709	.00768	56.124	-1.7384	-.06613
#2	.54189	1.0218	-2.5239	.85682	55.016	-1.7735	.91624
#3	1.7453	.57373	-2.0641	.28917	54.851	-2.4448	.94228
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	3.3220	.44838
SDev	4.2957	4.0475
%RSD	129.31	902.69
#1	3.9301	-.39819
#2	-1.2453	4.8522
#3	7.2812	-3.1089
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12860	--	--	--	--	--	--
SDev	33.56089	--	--	--	--	--	--
%RSD	.2609644	--	--	--	--	--	--
#1	12828	--	--	--	--	--	--
#2	12858	--	--	--	--	--	--
#3	12895	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0633605 Operator:
Run Time: 06/30/96 16:51:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.14765	188.86	-.08381	159.45	35.567	-.27277	10618.
SDev	.25152	1.79	.54092	2.46	.147	.03170	28.
%RSD	170.34	.94909	645.42	1.5425	.41323	11.620	.26272
#1	.06881	188.46	-.67694	157.91	35.464	-.26581	10604.
#2	-.42358	190.81	.04323	162.29	35.736	-.30737	10651.
#3	-.08820	187.29	.38228	158.16	35.503	-.24514	10601.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.01030	.51726	1.1373	2.1675	101.03	2998.7	1442.3
SDev	.14129	.18415	.5363	.2538	5.44	4.3	4.5
%RSD	1371.7	35.602	47.156	11.710	5.3885	.14250	.31089
#1	.07145	.51709	1.3410	2.2994	95.559	2998.3	1440.7
#2	-.17345	.70150	.52897	2.3283	106.45	3003.1	1447.4
#3	.07110	.33319	1.5419	1.8749	101.08	2994.6	1438.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	75.756	12.840	19438.	3.6732	-2.2873	2.0597	-2.2126
SDev	.367	.469	44.	.3345	1.1759	2.1641	1.4782
%RSD	.48500	3.6526	.22628	9.1072	51.409	105.07	66.807
#1	75.615	12.352	19387.	3.5997	-2.4714	3.1619	-2.6878
#2	76.173	12.881	19461.	4.0384	-3.3603	-.43356	-.55528
#3	75.480	13.288	19466.	3.3816	-1.0302	3.4508	-3.3947
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.54182	2.3668	1.3099	.67391	19.743	-1.5610	-2.6499
SDev	1.2043	.1442	4.0219	.43650	.505	.4169	1.7269
%RSD	222.28	6.0934	307.05	64.772	2.5583	26.711	65.170
	1.7474	2.3659	5.2748	.57817	20.054	-2.0402	-2.6867
#2	.53930	2.2231	-2.7667	1.1503	19.160	-1.3614	-4.3582
#3	-.66126	2.5115	1.4215	.29322	20.014	-1.2813	[illegible]
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

000210

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	6.1017	.04178
SDev	4.0708	1.9737
%RSD	66.716	4723.7
#1	10.232	-.36780
#2	2.0930	-1.6950
#3	5.9801	2.1881
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12841	--	--	--	--	--	--
SDev	35.13308	--	--	--	--	--	--
%RSD	.2735937	--	--	--	--	--	--
#1	12849	--	--	--	--	--	--
#2	12803	--	--	--	--	--	--
#3	12872	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0633606 Operator:
Run Time: 06/30/96 16:57:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.29053	146.34	1.9968	192.58	18.563	-.15507	8217.3
SDev	.09254	2.34	1.4446	.37	.050	.01317	16.0
%RSD	31.851	1.5957	72.348	.19242	.27047	8.4949	.19460
#1	.39736	148.51	3.6381	192.23	18.517	-.14251	8218.2
#2	.23929	146.62	.91797	192.53	18.617	-.16878	8200.9
#3	.23496	143.87	1.4343	192.97	18.556	-.15392	8232.8
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.08680	3.4603	.66093	.41762	39.423	3677.0	1507.7
SDev	.13991	.1827	.30973	.21521	3.407	8.4	.9
%RSD	161.19	5.2794	46.862	51.534	8.6422	.22734	.06084
#1	-.16730	3.6446	.93098	.65692	35.628	3684.0	1508.0
#2	.07475	3.4571	.32284	.23994	42.218	3679.3	1508.4
#3	-.16784	3.2793	.72897	.35599	40.423	3667.7	1506.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	336.69	8.6376	25969.	6.3409	.93416	-.39414	-1.2731
SDev	.18	1.2142	79.	.5488	1.0252	2.79699	2.1152
%RSD	.05282	14.057	.30257	8.6546	109.75	709.65	166.15
#1	336.76	8.4780	25956.	6.4129	.64657	2.1018	-3.3880
#2	336.49	7.5111	26053.	5.7596	2.0725	.13295	-1.2736
#3	336.82	9.9237	25898.	6.8500	.08342	-3.4172	.84235
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.74392	.77221	-1.3665	.48302	12.708	.96386	.91933
SDev	.69372	.22764	4.2006	.43223	.493	2.6730	1.3484
%RSD	93.252	29.480	307.39	89.484	3.8806	277.32	146.67
#1	-.05712	.72248	-5.1138	.85992	13.193	-1.9278	1.9318
#2	1.1444	.57354	3.1743	.01124	12.207	3.3444	1.4375
#3	1.1444	1.0206	-2.1602	.57790	12.724	1.4749	1.4179
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	3.8574	-2.5167
SDev	4.5039	2.7163
%RSD	116.76	107.93
#1	5.1715	.56927
#2	7.5581	-3.5740
#3	-1.1575	-4.5453
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12897	--	--	--	--	--	--
SDev	14.52584	--	--	--	--	--	--
%RSD	.1126296	--	--	--	--	--	--
#1	12896	--	--	--	--	--	--
#2	12912	--	--	--	--	--	--
#3	12883	--	--	--	--	--	--

Method: IRAQE2 Sample Name: 0636701 Operator:
F Time: 06/30/96 17:03:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.08377	62368.	53.399	143.45	594.72	7.3873	34353.
SDev	.34740	66.	2.935	1.69	.34	.0109	66.
%RSD	414.71	.10653	5.4959	1.1765	.05658	.14777	.19163
#1	.29003	62320.	56.469	145.38	595.00	7.3859	34427.
#2	-.14463	62341.	50.621	142.29	594.82	7.3989	34328.
#3	-.39671	62444.	53.106	142.66	594.35	7.3772	34303.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-3.9793	88.816	1477.0	191.75	145050.	9602.7	16266.
SDev	.3669	.134	2.8	.54	196.	21.4	13.
%RSD	9.2195	.15097	.19103	.28066	.13535	.22239	.07952
#1	-4.4027	88.954	1480.1	191.27	145270.	9579.5	16278.
#2	-3.7798	88.809	1476.4	191.64	144900.	9607.1	16252.
#3	-3.7554	88.686	1474.6	192.33	144980.	9621.5	16267.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	5416.7	29.687	32076.	651.77	148.72	5.4554	-.91356
SDev	7.6	1.611	66.	2.60	1.62	3.9758	2.45615
%RSD	.14069	5.4252	.20717	.39900	1.0860	72.878	268.86
#1	5425.4	30.242	32141.	654.71	146.87	1.1302	-.53858
#2	5411.1	30.946	32009.	650.83	149.88	6.2852	-3.5356
#3	5413.7	27.872	32079.	649.76	149.39	8.9509	1.3335
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	13.379	879.27	8.7620	226.42	272.49	146.83	149.66
SDev	3.077	1.46	3.3319	.09	.88	3.79	.88
%RSD	22.999	.16656	38.027	.03934	.32427	2.5786	.58902
#1	10.322	880.36	5.0227	226.49	273.41	142.52	149.04
#2	13.339	877.61	11.416	226.43	271.64	148.36	149.67
#3	16.475	879.86	9.8476	226.32	272.41	149.65	149.27
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

600214

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	8.3894	3.9906
SDev	3.9446	4.0447
%RSD	47.019	101.35
#1	4.4667	-.53556
#2	8.3459	5.2563
#3	12.356	7.2510
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	15202	--	--	--	--	--	--
SDev	43.77594	--	--	--	--	--	--
%RSD	.2879681	--	--	--	--	--	--
#1	15196	--	--	--	--	--	--
#2	15248	--	--	--	--	--	--
#3	15161	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0636702 Operator:
Run Time: 06/30/96 17:08:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.27275	12037.	884.76	192.85	251.85	2.1358	35970.
SDev	.09422	24.	4.64	1.29	.22	.0780	76.
%RSD	34.543	.20128	.52428	.66964	.08643	3.6538	.21243
#1	.38008	12046.	882.46	191.92	251.97	2.0543	36028.
#2	.23446	12056.	881.72	192.30	251.98	2.1432	35999.
#3	.20370	12010.	890.10	194.32	251.60	2.2099	35883.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.66972	19.998	1292.2	1323.3	59019.	6688.6	6894.6
SDev	.44627	.675	2.9	3.0	145.	15.5	17.3
%RSD	66.636	3.3760	.22314	.22867	.24589	.23140	.25127
#1	-.67201	20.775	1294.3	1326.1	59146.	6698.6	6911.7
#2	-.22231	19.555	1293.4	1323.8	59051.	6696.4	6895.2
	-1.1149	19.664	1288.9	1320.1	58861.	6670.8	6877.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2075.9	38.863	6234.5	205.61	27.733	3.3493	-.87015
SDev	3.9	.500	27.8	1.58	.217	1.4768	.18178
%RSD	.18823	1.2861	.44617	.76888	.78164	44.093	20.890
#1	2078.8	39.241	6206.1	207.23	27.497	4.6573	-1.0800
#2	2077.5	38.296	6235.8	205.52	27.780	1.7478	-.76320
#3	2071.5	39.053	6261.7	204.07	27.923	3.6429	-.76722
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	12.800	368.60	2.3986	24.067	531.02	28.390	27.405
SDev	1.487	.39	2.7669	.493	1.08	2.253	.934
%RSD	11.620	.10469	115.36	2.0480	.20269	7.9363	3.4092
	14.491	369.05	-.74842	23.507	532.13	27.343	27.573
#2	11.695	368.35	4.4498	24.255	529.98	26.851	28.246
#3	12.214	368.40	3.4943	24.437	530.95	30.977	26.398
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	6.2879	1.8822
SDev	.7759	2.3745
%RSD	12.340	126.15
#1	5.5130	4.2301
#2	6.2861	-.51799
#3	7.0648	1.9346
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13961	--	--	--	--	--	--
SDev	33.71943	--	--	--	--	--	--
%RSD	.2415259	--	--	--	--	--	--
#1	13932	--	--	--	--	--	--
#2	13953	--	--	--	--	--	--
#3	13998	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0636703 Operator:
Run Time: 06/30/96 17:14:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.40889	141.47	2.3786	94.744	25.428	-.19499	9568.9
SDev	.29073	2.01	2.7576	.843	.151	.00259	17.9
%RSD	71.101	1.4181	115.94	.88987	.59513	1.3284	.18758
#1	.55595	139.84	.38539	95.717	25.423	-.19653	9586.0
#2	.07401	140.86	1.2246	94.276	25.279	-.19644	9550.2
#3	.59671	143.71	5.5257	94.239	25.582	-.19200	9570.5
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.07026	5.2434	.79381	.66636	114.68	2736.2	2052.0
SDev	.00068	.1059	.46823	.20367	10.98	1.9	3.4
%RSD	.96893	2.0190	58.986	30.565	9.5751	.07092	.16602
#1	.07071	5.3053	.52346	.46236	107.41	2734.4	2055.9
#2	.07059	5.1211	.52349	.66701	109.31	2736.1	2050.1
#3	.06948	5.3037	1.3345	.86971	127.31	2738.2	2050.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	335.03	6.0931	28757.	9.9558	-1.2115	2.9301	-1.1581
SDev	.89	.4801	65.	.1260	2.2034	1.7309	3.1762
%RSD	.26580	7.8799	.22476	1.2655	181.88	59.073	274.26
#1	335.31	6.0939	28790.	9.8844	.33220	4.8196	-.92072
#2	334.03	6.5728	28683.	10.101	L-3.7348	2.5495	-4.4463
#3	335.75	5.6126	28798.	9.8817	-.23180	1.4211	1.8927
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2.3473	.77244	1.1103	.66960	20.966	-.13985	-1.7465
SDev	.6016	.08602	1.5049	.16373	.006	3.23395	1.6979
%RSD	25.629	11.136	135.54	24.452	.02844	2312.4	97.216
#1	2.3474	.87176	-.22446	.85865	20.970	1.8955	-.44829
#2	2.9489	.72283	.81400	.57556	20.970	-3.8689	-3.6679
#3	1.7457	.72271	2.7413	.57458	20.960	1.5538	-.23233
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

lem	1960/1	1960/2
Units	ug/L	ug/L
Avge	6.5239	1.1359
SDev	2.3351	3.2071
%RSD	35.793	282.34
#1	6.4196	4.0209
#2	4.2427	1.7042
#3	8.9094	-2.3174
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12883	--	--	--	--	--	--
SDev	2.886751	--	--	--	--	--	--
%RSD	.0224080	--	--	--	--	--	--
#1	12881	--	--	--	--	--	--
#2	12881	--	--	--	--	--	--
#3	12886	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0636/04 Operator:
Run Time: 06/30/96 17:20:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.38246	139.40	2.3955	144.97	118.65	-.02858	20244.
SDev	.31727	1.70	3.7942	.79	.32	.05758	72.
%RSD	82.955	1.2216	158.39	.54671	.26827	201.44	.35562
#1	.41026	138.45	4.5860	144.19	118.47	-.01876	20180.
#2	.68492	141.37	-1.9856	144.95	118.47	-.09043	20228.
#3	.05220	138.38	4.5862	145.77	119.02	.02345	20322.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.54727	4.2406	269.02	364.76	191.97	5678.8	2409.3
SDev	.00119	.3111	.58	.70	12.75	2.5	8.4
%RSD	.21746	7.3368	.21675	.19176	6.6413	.04424	.34678
#1	.54760	4.4203	268.45	364.40	179.86	5676.1	2404.7
#2	.54826	3.8813	268.99	364.31	190.78	5679.1	2404.1
#3	.54595	4.4200	269.61	365.56	205.27	5681.1	2418.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	701.14	1.9241	7692.1	24.033	-.64410	.49845	-1.8867
SDev	1.92	.9896	22.8	.743	.40026	1.9484	1.6536
%RSD	.27393	51.432	.29642	3.0904	62.142	390.89	87.644
#1	699.31	.81359	7701.5	24.230	-.64623	2.1689	-.01959
#2	700.97	2.2461	7666.1	23.212	-.24279	-1.6419	-3.1662
#3	703.14	2.7126	7708.7	24.657	-1.0433	.96833	-2.4743
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.5398	1.0162	-.40592	.56587	172.79	1.0924	-1.5111
SDev	2.4866	.0010	6.13790	.28005	.95	1.1844	.6717
%RSD	161.50	.09595	1512.1	49.490	.54818	108.42	44.451
#1	3.5300	1.0157	-6.0802	.84646	171.84	2.3637	-2.1490
#2	-1.2477	1.0173	-1.2465	.28636	172.80	.89341	-.81003
#3	2.3370	1.0156	6.1090	.56478	173.73	.02016	-1.5742
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	3.9746	-1.2370
SDev	2.6671	1.5915
%RSD	67.105	128.66
#1	6.1763	.16826
#2	1.0088	-2.9653
#3	4.7387	-.91404
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12980	--	--	--	--	--	--
SDev	21.38535	--	--	--	--	--	--
%RSD	.1647604	--	--	--	--	--	--
#1	12991	--	--	--	--	--	--
#2	12955	--	--	--	--	--	--
#3	12993	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCV-1-7 Operator:
Run Time: 06/30/96 17:26:06
ment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	543.25	10308.	H562.64	H5613.2	527.75	536.92	109020.
SDev	1.28	29.	3.18	19.6	1.24	1.46	311.
%RSD	.23494	.28298	.56433	.34872	.23467	.27141	.28569
#1	541.79	10274.	H559.93	H5591.1	526.36	535.43	108690.
#2	544.15	10327.	H566.14	H5620.2	528.73	538.35	109300.
#3	543.81	10322.	H561.86	H5628.3	528.16	536.97	109090.
Errors	LC Pass	LC Pass	LC High	LC High	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	513.17	527.44	520.69	522.41	106890.	104930.	102250.
SDev	1.76	.26	1.79	1.71	282.	191.	263.
%RSD	.34210	.04862	.34307	.32757	.26415	.18166	.25717
#1	511.81	527.50	518.69	520.48	106580.	104710.	101960.
#2	515.15	527.66	522.11	523.01	107130.	105020.	102480.
	512.55	527.16	521.28	523.74	106950.	105060.	102290.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	524.90	518.19	100060.	523.67	518.31	H555.77	540.98
SDev	1.74	1.98	152.	1.44	1.35	1.63	4.87
%RSD	.33207	.38176	.15191	.27578	.25977	.29268	.90059
#1	522.90	517.54	99956.	522.09	516.75	H556.33	536.58
#2	526.03	520.41	100230.	524.93	519.10	H553.94	540.14
#3	525.79	516.62	99989.	524.00	519.06	H557.05	546.21
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	530.46	10937.	514.10	527.27	517.19	517.81	518.55
SDev	3.10	29.	3.53	1.71	.70	1.06	2.52
%RSD	.58514	.26631	.68756	.32474	.13617	.20386	.48541
	530.06	10904.	510.79	525.35	516.55	518.94	515.66
#2	527.58	10961.	517.82	528.63	517.94	516.85	520.23
#3	533.75	10945.	513.69	527.83	517.08	517.64	520.32
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

Low	450.00	9000.0	450.00	450.00	450.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	557.27	555.03
SDev	4.11	3.36
%RSD	.73815	.60485
#1	561.62	553.69
#2	556.74	552.54
#3	553.44	558.85
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12612	--	--	--	--	--	--
SDev	38.55299	--	--	--	--	--	--
%RSD	.3056769	--	--	--	--	--	--
#1	12656	--	--	--	--	--	--
#2	12598	--	--	--	--	--	--
#3	12583	--	--	--	--	--	--

thod: TRACE2 Sample Name: CCB-1-7 Operator:
n Time: 06/30/96 17:31:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.23165	98.768	2.0245	96.348	.32490	-.02319	25.661
SDev	.21429	1.975	1.1135	2.122	.03047	.08440	12.144
%RSD	92.504	1.9992	55.002	2.2024	9.3776	364.01	47.326
#1	.31038	96.542	3.2136	97.767	.29278	-.10250	14.694
#2	-.01086	99.454	1.0064	97.367	.32855	.06551	38.712
#3	.39544	100.31	1.8535	93.908	.35339	-.03257	23.577
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.08559	.57845	.53412	-1.7419	12.248	62.668	15.268
SDev	.14025	.10661	.20266	.1036	10.612	14.917	7.509
%RSD	163.87	18.430	37.942	5.9502	86.641	23.803	49.186
#1	-.16599	.51689	.53470	-1.6353	.20121	55.305	9.8995
#2	-.16714	.51691	.33118	-1.8423	20.212	79.835	23.849
#3	.07636	.70155	.73649	-1.7482	16.331	52.865	12.054
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.29399	1.1479	561.30	.85414	-1.6691	1.8980	-2.0935
SDev	.21718	.2791	55.92	.87688	1.1728	1.6765	1.3339
%RSD	73.873	24.314	9.9631	102.66	70.265	88.330	63.718
#1	.10485	1.3094	508.85	.34454	-2.1876	3.6022	-3.0338
#2	.53117	1.3087	554.91	1.8667	-.32642	1.8411	-2.6798
#3	.24596	.82564	620.15	.35122	-2.4932	.25067	-.56681
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2.9535	2.1154	3.9759	.48582	-.03967	-1.2897	-1.8585
SDev	2.0875	.8219	3.3420	.43356	.56236	2.7277	2.2899
RSD	70.680	38.856	84.056	89.243	1417.5	211.51	123.21
#1	4.1593	1.3208	7.8309	.86533	-.36166	1.6893	-4.1231
#2	4.1582	2.9622	1.8986	.01330	.60967	-1.8932	-2.4589
#3	.54301	2.0631	2.1980	.57884	-.36703	-3.6650	-1.9082
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	7.0164	-.65740
SDev	2.7510	1.76777
%RSD	39.208	268.90
#1	10.094	.36105
#2	4.7969	.36540
#3	6.1581	-2.6986
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12862	--	--	--	--	--	--
SDev	17.78576	--	--	--	--	--	--
%RSD	.1382851	--	--	--	--	--	--
#1	12849	--	--	--	--	--	--
#2	12854	--	--	--	--	--	--
#3	12882	--	--	--	--	--	--

Method: TRACE2 Sample Name: CRIA-1-1 Operator:
Run Time: 06/30/96 17:37:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.32779	H526.63	12.900	1255.2	11.043	-.17493	461.76
SDev	.19895	2.42	3.840	4.2	.063	.06638	5.47
%RSD	60.692	.46009	29.764	.33183	.57471	37.949	1.1845
#1	.46243	H529.42	13.464	1250.5	10.971	-.16266	455.88
#2	.09928	H525.49	8.8097	1256.9	11.089	-.11553	466.70
#3	.42168	H525.00	H16.426	1258.3	11.071	-.24659	462.70
Errors	NOCHECK	LC High	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass
High		520.00	15.600	1300.0	13.000		520.00
Low		280.00	8.4000	700.00	7.0000		280.00

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	6.5052	.51600	.60295	-1.7863	220.51	H2624.0	414.05
SDev	.5081	.32144	.11815	.1577	1.39	5.6	2.52
%RSD	7.8109	62.295	19.596	8.8266	.62837	.21218	.60772
#1	6.9138	.33032	.53486	-1.6138	220.86	H2618.3	411.15
#2	6.6655	.33052	.53461	-1.8223	221.69	H2629.4	415.35
#3	5.9362	.88717	.73938	-1.9229	218.98	H2624.4	415.65
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC High	LC Pass
High	7.8000				260.00	2600.0	520.00
Low	4.2000				140.00	1400.0	280.00

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.10511	51.833	H1463.7	1.2034	-1.0843	.46930	-2.2136
SDev	.00011	.754	10.2	.8744	.1646	1.6613	.2046
%RSD	.10256	1.4541	.69378	72.660	15.185	353.99	9.2440
#1	.10516	52.483	H1454.0	2.0775	-.90225	1.8289	-2.3317
#2	.10499	51.007	H1462.8	1.2042	-1.1278	.96140	-2.3319
#3	.10519	52.008	H1474.2	.32863	-1.2228	-1.3824	-1.9773
Errors	NOCHECK	LC Pass	LC High	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		65.000	1300.0				
Low		35.000	700.00				

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	104.79	111.38	.62533	.19773	-.18994	-.86013	-1.1962
SDev	1.79	.69	1.2145	.32905	.28253	2.90391	1.2325
%RSD	1.7081	.61917	194.22	166.41	148.74	337.61	103.03
#1	102.98	110.60	1.4709	.00770	-.35252	1.6048	-2.1539
#2	106.56	111.89	-.76635	.57769	-.35360	-.12385	-1.6290
#3	104.82	111.67	1.1715	.00781	.13629	-4.0613	.19433
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	130.00	130.00					

ow	70.000	70.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	7.6951	-3.1382
SDev	1.9020	1.6047
%RSD	24.716	51.136
#1	8.7398	-1.6213
#2	8.8457	-2.9748
#3	5.4998	-4.8184
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12783	--	--	--	--	--	--
SDev	4.725816	--	--	--	--	--	--
%RSD	.0369705	--	--	--	--	--	--
#1	12781	--	--	--	--	--	--
#2	12788	--	--	--	--	--	--
#3	12779	--	--	--	--	--	--

Method: TRACE2 Sample Name: CR1-1-2 Operator:
Run Time: 06/30/96 17:43:21
mment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	22.165	101.35	23.358	84.788	.20030	10.704	17.110
SDev	.276	1.41	3.813	1.397	.02799	.046	2.747
%RSD	1.2440	1.3875	16.325	1.6480	13.973	.43149	16.054
#1	22.011	99.898	25.176	85.129	.18960	10.733	14.508
#2	22.000	102.71	18.976	85.982	.17923	10.651	19.982
#3	22.483	101.45	25.922	83.251	.23206	10.730	16.841
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	NOCHECK
High	26.000		26.000			13.000	
Low	14.000		14.000			7.0000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	11.023	104.91	21.745	50.236	8.6554	36.570	5.7758
SDev	.036	.50	.189	.265	4.4243	3.096	1.6731
%RSD	.32714	.47772	.87003	.52806	51.116	8.4649	28.968
#1	11.006	104.98	21.642	49.939	7.6729	33.107	4.7806
#2	11.000	104.38	21.630	50.319	4.8050	37.533	7.7075
#3	11.065	105.37	21.963	50.450	13.488	39.069	4.8392
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK
High	13.000	130.00	26.000	65.000			
Low	7.0000	70.000	14.000	35.000			

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	32.138	.50752	452.67	88.429	5.9740	H15.753	128.99
SDev	.091	.73020	46.62	.474	.7430	1.233	4.77
%RSD	.28165	143.88	10.299	.53571	12.438	7.8292	3.7009
#1	32.038	.34727	475.62	88.434	5.7935	H14.993	125.59
#2	32.162	1.3045	399.03	87.953	6.7906	H17.176	126.93
#3	32.214	-.12925	483.37	88.901	5.3378	H15.090	134.45
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC High	LC Pass
High	39.000			104.00	7.8000	13.000	156.00
Low	21.000			56.000	4.2000	7.0000	84.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.74359	1.1212	24.517	106.56	43.342	6.0051	5.9584
SDev	1.2521	.4545	.743	.87	.151	1.3215	.4551
%RSD	168.39	40.538	3.0307	.81432	.34906	22.006	7.6376
	1.7462	.72297	23.694	105.63	43.267	5.7316	5.8244
	-.65986	1.6163	24.717	106.71	43.243	7.4419	6.4655
#3	1.1444	1.0242	25.139	107.35	43.516	4.8418	5.5854
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			26.000	130.00	52.000		

Low			14.000	70.000	28.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	19.020	14.122
SDev	1.637	2.041
%RSD	8.6091	14.456
#1	17.448	13.768
#2	18.896	16.318
#3	20.716	12.281
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12854	--	--	--	--	--	--
SDev	42.57934	--	--	--	--	--	--
%RSD	.3312536	--	--	--	--	--	--
#1	12875	--	--	--	--	--	--
#2	12882	--	--	--	--	--	--
#3	12805	--	--	--	--	--	--

Method: TRACE2 Sample Name: TCSA-1-2 Operator:
Run Time: 06/30/96 17:49:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.07452	510580.	3.0612	102.35	4.6891	-1.2136	516900.
SDev	.31152	1594.	4.2109	.26	.0316	.0593	2458.
%RSD	418.02	.31226	137.56	.25612	.67295	4.8862	.47554
#1	-.43178	510360.	-1.7714	102.04	4.7057	-1.1792	515860.
#2	.14040	512270.	5.0128	102.52	4.7089	-1.2821	519710.
#3	.06782	509110.	5.9422	102.47	4.6527	-1.1795	515130.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.000	600000.	10.000		200.00	5.0000	600000.
Low	-10.000	400000.	-10.000		-200.00	-5.0000	400000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-4.4269	1.1108	-.43182	-.62232	216590.	75.813	564030.
SDev	.2542	.6134	.22743	.39381	931.	3.533	2352.
%RSD	5.7426	55.216	52.667	63.281	.42995	4.6607	.41705
#1	-4.6659	.49623	-.20244	-1.0440	216040.	76.311	563130.
#2	-4.4551	1.1133	-.43577	-.55894	217660.	79.071	566690.
	-4.1598	1.7229	-.65724	-.26404	216060.	72.057	562250.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	240000.	5000.0	600000.
Low	-5.0000	-50.000	-10.000	-25.000	160000.	-5000.0	400000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.49921	.98881	460.98	-.27048	-2.2091	-.24430	1.3068
SDev	.15851	.53094	13.93	.49613	1.7451	2.32267	3.1591
%RSD	31.752	53.695	3.0223	183.43	78.994	950.76	241.74
#1	.34288	1.5225	451.31	-.26527	-.84853	1.0145	-1.6971
#2	.65981	.46064	454.68	-.76920	-1.6022	-2.9246	4.6011
#3	.49494	.98332	476.94	.22303	L-4.1766	1.1772	1.0164
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2.2517	.92318	3.2835	-3.9676	7.4973	25.175	-15.881
SDev	3.8729	.16800	2.9440	.0199	.3487	5.105	2.821
%RSD	172.00	18.198	89.661	.50259	4.6507	20.278	17.761
	4.4938	.92256	5.0120	-3.9492	7.3156	30.760	-16.629
#2	-2.2203	1.0915	4.9541	-3.9888	7.8994	20.750	[illegible]
#3	4.4817	.75550	-.11578	-3.9649	7.2771	24.016	[illegible]
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	7.9814	-4.3510
SDev	13.093	3.0915
%RSD	164.04	71.053
#1	16.377	-6.6551
#2	-7.1049	-.83762
#3	14.672	-5.5602
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11562	--	--	--	--	--	--
SDev	47.60602	--	--	--	--	--	--
%RSD	.4117337	--	--	--	--	--	--
#1	11566	--	--	--	--	--	--
#2	11513	--	--	--	--	--	--
	11608	--	--	--	--	--	--

Method: TRACE2 Sample Name: ICSAB-1-2 Operator:
n Time: 06/30/96 17:54:52
mment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	L232.80	503120.	114.80	93.944	573.90	545.16	508750.
SDev	.75	1353.	2.10	1.295	6.78	.69	524.
%RSD	.32233	.26894	1.8277	1.3789	1.1814	.12707	.10307
#1	L232.13	501750.	112.77	92.463	568.55	544.46	508230.
#2	L233.61	503170.	116.96	94.866	581.52	545.18	508730.
#3	L232.65	504450.	114.67	94.504	571.62	545.85	509280.
Errors	LC Low	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	1200.0	600000.	120.00		600.00	600.00	600000.
Low	800.00	400000.	80.000		400.00	400.00	400000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1022.7	509.45	526.24	576.17	213360.	71.400	554610.
SDev	.9	1.60	.76	1.55	306.	5.765	1121.
%RSD	.08437	.31466	.14369	.26854	.14321	8.0741	.20219
#1	1021.7	507.66	525.41	574.45	213130.	78.054	553510.
#2	1023.0	510.76	526.88	576.59	213250.	68.241	554570.
	1023.4	509.92	526.45	577.46	213710.	67.905	555750.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1200.0	600.00	600.00	600.00	240000.	5000.0	600000.
Low	800.00	400.00	400.00	400.00	160000.	-5000.0	400000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	536.92	-.25482	-728.68	1032.1	L51.140	57.687	687.53
SDev	1.17	.30848	55.99	3.3	.791	1.289	6.67
%RSD	.21883	121.06	7.6844	.32123	1.5475	2.2347	.96992
#1	535.60	-.07737	-664.31	1028.9	L51.318	58.941	682.87
#2	537.31	-.61102	-766.13	1035.5	L51.828	56.365	695.17
#3	537.85	-.07607	-755.60	1031.9	L50.275	57.755	684.54
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Low	LC Pass	LC Pass
High	600.00		5000.0	1200.0	1200.0	60.000	720.00
Low	400.00		-5000.0	800.00	800.00	40.000	480.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	5.3982	1.2564	116.27	531.24	1020.3	78.973	37.245
SDev	2.1597	.1652	7.48	1.51	.8	1.984	.736
%RSD	40.009	13.145	6.4353	.28425	.07664	2.5123	1.9754
	4.4955	1.4207	H122.34	530.08	1020.2	77.935	38.030
#2	3.8362	1.2581	118.56	530.69	1019.5	81.261	37.133
#3	7.8629	1.0904	107.91	532.95	1021.1	77.724	37.952
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			120.00	600.00	1200.0		

Low			80.000	400.00	800.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	57.995	57.533
SDev	2.374	3.077
%RSD	4.0942	5.3475
#1	55.327	60.745
#2	59.876	54.613
#3	58.782	57.242
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11535	--	--	--	--	--	--
SDev	23.64318	--	--	--	--	--	--
%RSD	.2049691	--	--	--	--	--	--
#1	11560	--	--	--	--	--	--
#2	11513	--	--	--	--	--	--
#3	11532	--	--	--	--	--	--

Method: TRACE2 Sample name: CCV-1-8 Operator:
Time: 06/30/96 18:00:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	548.82	10464.	H560.32	H5661.1	532.21	537.49	108770.
SDev	1.29	21.	3.08	18.2	2.50	.98	64.
%RSD	.23534	.20093	.54949	.32130	.46957	.18238	.05851
#1	H550.11	10440.	H563.09	H5680.7	534.83	538.56	108840.
#2	548.81	10475.	H557.01	H5657.8	531.95	537.24	108730.
#3	547.53	10477.	H560.86	H5644.8	529.86	536.65	108730.
Errors	LC Pass	LC Pass	LC High	LC High	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	513.09	527.29	521.79	528.46	107220.	106370.	102950.
SDev	1.38	1.67	.88	1.55	129.	381.	89.
%RSD	.26898	.31683	.16811	.29384	.12009	.35844	.08736
#1	513.55	529.17	522.58	529.58	107360.	106620.	103010.
#2	514.19	525.97	520.84	529.10	107220.	106420.	102270.
#3	511.54	526.74	521.94	526.69	107100.	106060.	102160.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb206R
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	527.49	519.34	101150.	524.64	518.97	H556.45	542.30
SDev	.95	2.85	332.	3.38	4.41	.40	3.84
%RSD	.17977	.54951	.32783	.64513	.85006	.07150	.70797
#1	528.51	518.72	101510.	528.07	523.57	H556.01	546.73
#2	527.32	516.84	101070.	521.30	518.55	H556.54	540.29
#3	526.64	522.45	100860.	524.54	514.78	H556.79	539.89
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	528.35	H11013.	508.16	531.66	516.57	515.40	520.75
SDev	2.88	27.	4.81	1.12	.74	1.88	5.70
%RSD	.54454	.24408	.94745	.21109	.14302	.36425	1.0949
#1	529.71	H11039.	513.64	532.59	517.12	517.52	526.60
#2	525.05	H11016.	504.61	531.97	515.73	514.77	520.44
#3	530.31	10985.	506.24	530.41	516.87	513.93	515.21
Errors	LC Pass	LC High	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

Sw	450.00	9800.0	450.00	450.00	450.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	558.26	555.53
SDev	.78	.78
%RSD	.13902	.14082
#1	558.75	554.64
#2	557.39	556.12
#3	558.72	555.82
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12359	--	--	--	--	--	--
SDev	15.39480	--	--	--	--	--	--
%RSD	.12456	--	--	--	--	--	--
#1	12342	--	--	--	--	--	--
#2	12363	--	--	--	--	--	--
#3	12372	--	--	--	--	--	--

Method: TRACE2 Sample Name: 006-1-8 Operator:
Time: 06/30/96 18:06:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba274	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.01991	141.25	4.6824	102.39	.27158	-.07832	57.577
SDev	.20569	29.16	4.4908	2.03	.05210	.05243	36.276
%RSD	1032.9	20.642	95.908	1.9864	19.185	66.941	63.005
#1	-.13750	109.74	9.8507	103.60	.29348	-.04509	22.341
#2	-.13984	167.28	1.7324	103.52	.30917	-.13876	94.811
#3	.21760	146.74	2.4642	100.04	.21211	-.05113	55.579
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.07611	.14546	.33164	-2.0664	30.365	53.743	50.306
SDev	.00086	.00125	.20690	.3106	13.912	7.664	35.062
%RSD	1.1333	.85940	61.483	15.033	68.317	14.204	69.698
#1	.07694	.14646	.53556	-2.1412	6.9198	55.125	15.090
#2	.07522	.14585	.33160	-1.7253	34.702	60.591	85.151
#3	.07616	.14406	.12776	-2.3329	19.472	45.513	50.678
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn257e	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb206M
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.10584	.51253	532.45	1.4975	-1.6052	.99964	-.78654
SDev	.00060	1.1105	23.03	.9103	.5705	1.2380	1.08754
%RSD	.56686	216.67	4.3250	60.791	35.542	123.88	138.27
#1	.10545	1.7948	536.85	1.2103	-1.6701	2.0510	-.55552
#2	.10553	-.12937	552.97	2.5168	-1.0050	-.36505	-1.9711
#3	.10653	-.12786	507.54	.76538	-2.1406	1.3121	.16681
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	5.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-5.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.9523	1.1739	5.5248	.29955	-.55367	-1.8240	-1.4960
SDev	1.7473	.4469	4.1758	.49537	.00449	2.3007	1.9759
%RSD	89.503	38.257	125.59	164.54	1.2696	126.13	131.94
#1	2.9573	1.1751	8.1401	-.26984	-.55745	-2.4869	-1.2e26
#2	-.06538	1.6232	.69993	.58308	-.55562	-3.7204	[illegible]
#3	2.9649	.72547	1.1345	.58630	-.54863	.73536	[illegible]
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

Elem	1960/1	1950/2					
Units	ug/L	ug/L					
Avge	7.1377	-2.0650					
SDev	1.8247	1.2397					
%RSD	25.569	103.46					
#1	5.4049	.37659					
#2	6.9643	-4.0246					
#3	9.0424	-1.5473					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13799	--	--	--	--	--	--
SDev	27.62249	--	--	--	--	--	--
%RSD	.2156170	--	--	--	--	--	--
#1	12821	--	--	--	--	--	--
#2	12808	--	--	--	--	--	--
#3	12768	--	--	--	--	--	--

Laboratory: [illegible]
Division: Teterboro
Department: Metals

ANALYSIS RUN LOG
= TRACE ICP =

Date: 7-1-96
Shift: Day
Instr: TJA 61E Trace
Table: 062796A
Data File: _____
Analyst: MH
Batch No.: 1933 (1932), 1934, 1956, 1958, 1960,
Raw Data w/: 1933, 1932 1934 1956, 1958
Reviewed By: _____

Standard Id.	LRI Lot No.
STD1-BLANK	
STD2	
STD3	
STD4	
STD5	
ICV/CCV	
ICB/CCB	
HIGH STD	
ICSA	
ICSAB CLP	
ICSAB SW846	
CRI CLP	
CRI SW846	
10XPQL	
100XPQL	
IDL SOLN	
AUTOIECAl	
AUTOIECCa	
AUTOIECMg	
AUTOIECFe	

LRI Sample Id.	Batch No.	Cup No.	Matrix	Factors Prep	Factors Instr	Factors Final	Elements
ICV -1		2-1					
ICB -1		2-2					
CCV -1-1		2-3					
CCB -1-1		2-4					
1 AUTOIECAl							
2 AUTOIECCa							
3 AUTOIECMg							
4 AUTOIECFe							
5 CRI -1-1		2-5					
6 ICSA -1-1		2-6					
7 ICSAB -1-1		2-7					
CCV LISS2		2-8					
CCB LISS3.4		2-9					
PBS-1933	1933	2-10	S	2000		2000	TAL
LLSS-1933	↓	2-11	↓	↓		↓	↓
CCV-1-2		2-13					
CCB-1-2		2-14					
QC Check Std	1933	2-15	S	2000		2000	TAL
062390 1	↓	2-16	↓	↓		↓	↓
062390 2	↓	2-17	↓	↓		↓	↓

Laboratory Resources
Division: Teterboro
Department: Metals

ANALYSIS RUN LOG
= TRACE ICP =

Date: 7-1-96
Analyst: MH

Batch No.: 1933, 1922, 1934, 1956

LRI Sample Id.	Batch No.	Cup No.	Matrix	Factors Prep	Instr	Final	Elements
06239020	1933	2-18	S	200D		200D	TAL
06239025		2-19					
06239026		2-20			5D	1000D	
06239-4		2-21				200D	
06239005		2-22					Fe, Pb High, NA LOW, RR
06239006		2-23					
06239007		2-24					Fe High, NA LOW, RR
~~06239008~~ CCB-1-3		2-25					
CCB-1-3		2-26					
06239010	1933	2-27	S	200D		200D	TAL
06278013		2-28					
06278003		2-29					Fe High, RR
06278004		2-30					Cd LOW, RR
06278005		2-31					
06278006		2-32					
06278007		2-33					
06278008		2-34					
06278009		2-35					
06239028		2-36					Sb, Mn, Pb
CCV-1-4		2-37					
CCB-1-4		2-38					
06239005 5X	1933	2-39	S	2000	30	6000	Fe, Pb, Na
06239007 2X		2-40			2D	4000	Fe, Na
06278003 2X		2-41					Fe
06278004 2X		2-42					Cd
LCSW-1922	1922	2-43	W	1D		1D	Se
LCSS-1922		2-44	S	200D		2000	K
LCSW-1934/1956	1934 1956	2-45	W	1D		1D	Pb
06239115	1934	2-46		1D			
~~06239015~~ 06239015	1956	2-47					

06239028: 45 µl of 1000 ppm Mn + 80 µl of 10 ppm Pb + 120 µl of 10 ppm Sb ⇒ 10ml FV

Department: Metals

ANALYSIS RUN LOG
= TRACE ICP =

Date: 7-1-96
Analyst: MH

Batch No.: 1956, 1957, 1958

LRI Sample Id.	Batch No.	Cup No.	Matrix	Factors Prep	Factors Instr	Factors Final	Elements
CCV-1-5		2-48					
CCB-1-5		3-1					
0633603	1956	3-2	W	10		10	
0633604	"	3-3	"	"		"	
0633605	"	3-4	"	"		"	
0633606	"	3-5	"	"		"	
0636701	"	3-6	"	"		"	
0636702	"	3-7	"	"		"	
0636703	"	3-8	"	"		"	
0636704	"	3-9	"	"		"	
0633601A	"	3-10	"	"		"	As, Sb, Mn, Ni, Pb, Tl, Zn
CCV-1-6		3-11					
CCB-1-6		3-12					
CRIA-1-1		3-13					
CRI-1-2		3-14					
ILSA-1-1		3-15					
ILSAD-1-2		3-16					
CCV-1-7		3-17					
CCB-1-7		3-18					
0646905 10x	1957	3-19	S	500	100	5000	Pb
0646907 10x	"	3-20	"	"	"	"	" Ag, As, Ba, Cd, Cr, Pb, Se, Na
PBW-1958	1958	3-21	W	10		10	
LCSW-1958	"	3-22	"	"		"	Se, Na Low RR
LCSWD-1958	"	3-23	"	"		"	
0647601	"	3-24	"	"		"	
0647601D	"	3-25	"	"		"	
0647601S	"	3-26	"	"		"	
0647601SD	"	3-27	"	"		"	
0647601L	"	3-28	"	"	50	50	
CCV-1-8		3-29					

0633601A: 70 µl of 10ppm As + 12 µl of 100ppm Sb + 57 µl of 1000ppm Mn + 12 µl of 1000ppm Ni + 120 µl of 10ppm Pb + 20 µl of 10ppm Tl + 77µl of 100ppm Zn → 10ml FV

Laboratory Resources Inc.
Division: Teterboro
Department: Metals

ANALYSIS RUN LOG
= TRACE ICP =

Date: 7-1-96
Analyst: MH

Batch No.: 1958, 1960

LRI Sample Id.	Batch No.	Cup No.	Matrix	Factors Prep	Factors Instr	Factors Final	Elements
CCB-1-8		3-30					
0647601A	1958	3-31	W	10		10	Ag, As, Ba, Cd, Cr, Pb, Se, Na
0647602		3-32					Pb
0647604		3-33					
0647605		3-34					
0647606		3-35					
0647607		3-36					
0633301		3-37					Ag
0633303		3-38					
0633271		3-39					Ag, As, Ba, Cd, Cr, Pb, Se
CCV-1-9		3-40					
CCB-1-9		3-41					Na 1HGL
0633202	1958	3-42	W	10		10	Ag, As, Ba, Cd, Cr, Pb, Se
0633203		3-43					
0633204		3-44					
0633205		3-45					
0633206		3-46					
0644701		3-47					Na
0644702		3-48					
0644703		4-1					
0644704		4-2					
0647101		4-3					Pb, Sb, As, Be, B, Cd, Cr, ~~Cu, Fe, Mn, Ni, Se, Ag~~ Tl, Zn.
CCV-1-10		4-4					
CCB-1-10		4-5					Na 1HGL
0647102	1958	4-6	W	10	10	10	Pb 2m
PBW-1960	1960	4-7	TCLP				Ag, As, Ba, Cd, Cr, Cu, Ni, Pb, Se
LCSW-1960		4-8					
LCSWD-1960		4-9					
TCLP-BLK		4-10	10 D	10D	10D	10 D	
0634301T		4-11					Ag, As, Ba, Cd, Cr, Ni, Pb, Se

01.10

Laboratory Resources Inc.
Division: Teterboro
Department: Metals

ANALYSIS RUN LOG
= TRACE ICP =

Date: _____
Shift: _____
Instr: TJA 61E Trace
Table: _____
Data File: _____
Analyst: _____
Batch No.: _____
Raw Data w/: _____
Reviewed By: _____

Standard Id.	LRI Lot No.
STD1-BLANK	
STD2	
STD3	
STD4	
STD5	
ICV/CCV	
ICB/CCB	
EIGH STD	
ICSA	
ICSAB CLP	
ICSAB SW846	
CRI CLP	
CRI SW846	
10XPQL	
100XPQL	
IDL SOLN	
AUTOIECAl	
AUTOIECCa	
AUTOIECMg	
AUTOIECFe	

LRI Sample Id.	Batch No.	Cup No.	Matrix	Factors Prep	Instr	Final	Elements
ICV							
ICB							
CCV							
CCB							
1 AUTOIECAl							
2 AUTOIECCa							
3 AUTOIECMg							
4 AUTOIECFe							
5 CRI							
6 ICSA							
7 ICSAB							
CCV							
CCB							
063530IT	1960	4-12	TCLP	1.0		1.0	Ag. As, Ba, Cd, Cr. Pb. Se
063990IT		4-13					Pb
064560IT		4-14					Ag. As, Ba, Cd, Cr. Cu, Ni, Pb. Se. Zn.
064560ST		4-15					↓
CCV-1-11		4-16					
CCB-1-11		4-17					
064560ST	1960	4-18	TCLP	1.0		1.0	Ag. As. Ba. Cd. Cr. Cu. Ni. Pb. Se.

000242

0111

Laboratory Resources Inc.
Division: Teterboro
Department: Metals

ANALYSIS RUN LOG
= TRACE ICP =

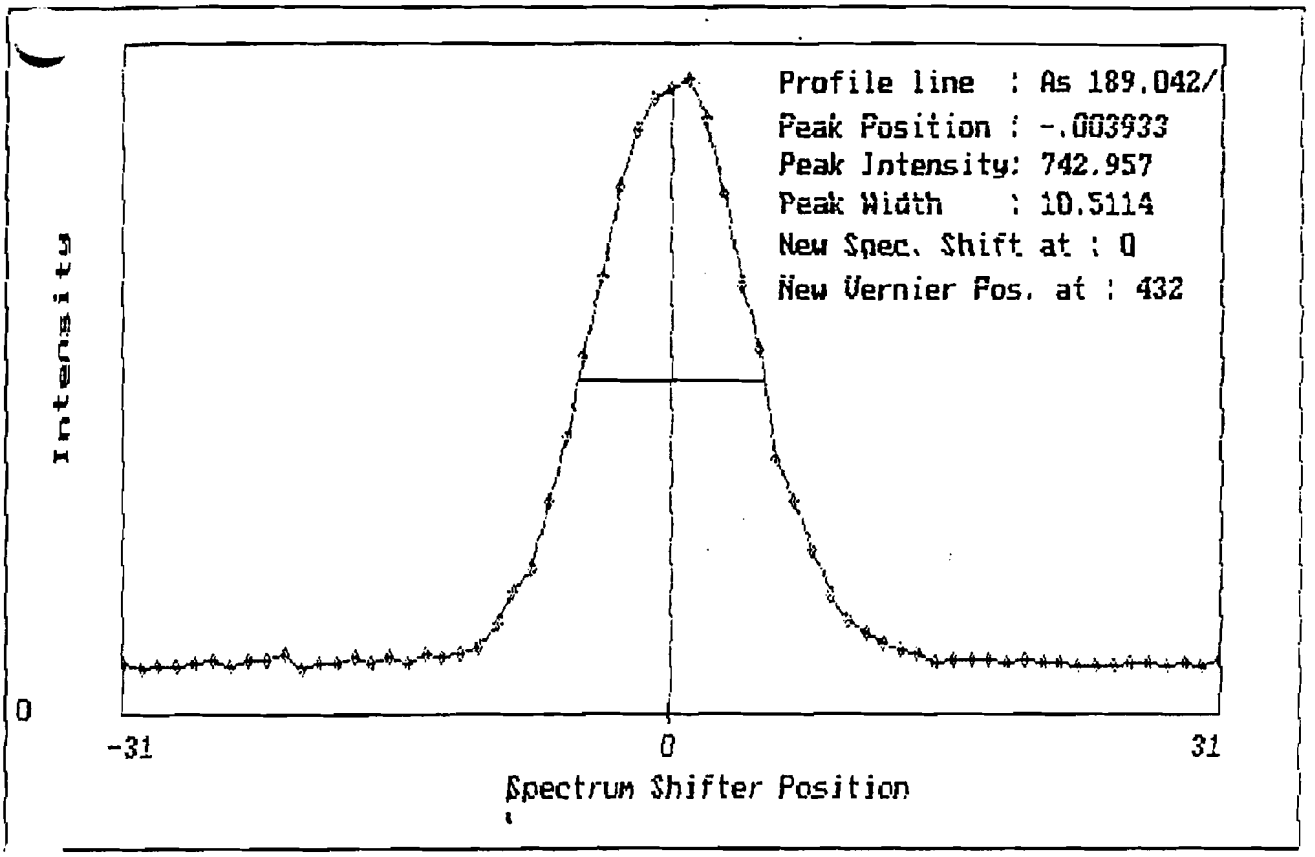
Date: 7-1-96
Analyst: MH

Batch No.: 1960 / 1958

LRI Sample Id.	Batch No.	Cup No.	Matrix	Factors Prep	Factors Instr	Factors Final	Elements
0645605TD	1960	4-19	TCLP	100		100	Ag, As, Ba, Cd, Cr, Cu, Ni, Pb, Se, Zn
0645605TS	↓	4-20	↓	↓		↓	↓
0645605TSD		4-21					
0645605TL		4-22			5D	50D	
0645605TA		4-23				10D	
0645607T		4-24					
0645609T		4-25					
0634905T	↓	4-26	↓	↓		↑	↓
LCSW-1958	1958	4-27	W	10		10	Se, Na
CCV-1-12		4-28					
CCB-1-12		4-29					
0639902T	1960	4-30	TCLP	100		100	Pb
CRIA-1-2		4-31					
CRI-1-3		4-32					
ICSA-1-3		4-33					
ICSAB-1-3		4-34					
CCV-1-13		4-35					
CCB-1-13		4-36					

000243

0112



ANALYST SIGNATURE:

SUPERVISOR SIGNATURE:

thod: TRACE2 Standard: STD1-Blank

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Ba2/4	Be3130
Avge	-.00186	.03413	-.00353	.00055	.00190	.00058	-.02316
SDev	.00004	.00025	.00110	.00010	.00008	.00008	.00002
%RSD	2.2843	.73463	31.136	17.395	4.4085	14.374	.09293
#1	-.00186	.03394	-.00232	.00066	.00190	.00066	-.02318
#2	-.00190	.03441	-.00381	.00050	.00199	.00058	-.02316
#3	-.00182	.03404	-.00446	.00050	.00182	.00050	-.02313

Elem	Ca3179	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Avge	.00984	-.00006	-.00003	.00008	.00458	.00080	.02594
SDev	.00009	.00005	.00013	.00000	.00012	.00080	.00122
%RSD	.90461	86.603	458.60	.09293	2.6669	99.438	4.6859
#1	.00985	-.00008	.00008	.00008	.00447	.00166	.02558
#2	.00993	.00000	-.00017	.00008	.00455	.00066	.02730
#3	.00975	-.00008	.00000	.00008	.00471	.00008	.02495

Elem	Mg2790	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960
Avge	.00077	.00006	.00011	.00307	-.00077	.00066	.00061
SDev	.00025	.00005	.00005	.00021	.00017	.00000	.00005
%RSD	32.757	86.603	43.323	6.7134	22.265	.09293	7.8933
#1	.00099	.00008	.00008	.00331	-.00058	.00066	.00058
#2	.00050	.00000	.00017	.00298	-.00091	.00066	.00066
#3	.00083	.00008	.00008	.00293	-.00083	.00066	.00058

Elem	Sb2068	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1
Avge	.00008	.00006	-.00019	-.00154	.00011	.00044	.00753
SDev	.00036	.00021	.00013	.00190	.00010	.00005	.00452
%RSD	435.38	377.51	65.533	123.36	86.603	10.898	60.057
#1	.00050	.00025	-.00033	.00041	.00017	.00050	.01035
#2	-.00017	-.00017	-.00008	-.00165	.00000	.00041	.00993
#3	-.00008	.00008	-.00017	-.00339	.00017	.00041	.00231

Elem	2203/2	1960/1	1960/2
Avge	.00058	-.00267	.00350
SDev	.00416	.00145	.00374
%RSD	718.06	54.397	106.73
#1	-.00157	-.00132	.00190
#2	.00538	-.00248	.00083
#3	-.00207	-.00421	.00777

ntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12091	--	--	--	--	--	--
SDev	11.23981	--	--	--	--	--	--
%RSD	.0929627	--	--	--	--	--	--
#1	12081	--	--	--	--	--	--
#2	12088	--	--	--	--	--	--
#3	12103	--	--	--	--	--	--

Method: TRACE2 Standard: STD2

Elem	Ag3280	As1890	Ba2/4	Be3130	Cd2265	Co2286	Cr2677
Avge	1.0829	.83275	16.907	2.1590	.36488	.47728	.43470
SDev	.0022	.00798	.046	.0050	.00099	.00113	.00104
%RSD	.20198	.95863	.27084	.23196	.27057	.23633	.24048
#1	1.0804	.82486	16.855	2.1535	.36383	.47649	.43353
#2	1.0843	.84082	16.921	2.1603	.36578	.47678	.43501
#3	1.0841	.83258	16.944	2.1633	.36502	.47857	.43555

Elem	Cu3247	Mn2576	Mo2020	Ni2316	Sb2068	Sn1899	Tl1908
Avge	.85245	.62306	.18195	.40535	.24787	.14506	.59105
SDev	.00216	.00125	.00065	.00164	.00147	.00045	.00137
%RSD	.25396	.20075	.35928	.40551	.59330	.30811	.23198
#1	.84995	.62164	.18121	.40387	.24618	.14482	.59023
#2	.85364	.62356	.18223	.40506	.24854	.14478	.59028
#3	.85376	.62398	.18242	.40712	.24887	.14557	.59263

Elem	V_2924	Zn2062	2203/1	2203/2	1960/1	1960/2
Avge	.30950	.18370	3.1211	2.8484	.86011	.74267
SDev	.00070	.00053	.0061	.0108	.00457	.00359
%RSD	.22651	.28941	.19621	.37790	.53108	.48276
#1	.30874	.18320	3.1166	2.8377	.86025	.74460
	.31012	.18364	3.1281	2.8482	.85547	.74488
	.30965	.18426	3.1186	2.8593	.86460	.73854

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12016	--	--	--	--	--	--
SDev	21.07131	--	--	--	--	--	--
%RSD	.1753604	--	--	--	--	--	--
#1	12036	--	--	--	--	--	--
#2	12018	--	--	--	--	--	--
#3	11994	--	--	--	--	--	--

Method: TRACE2 Standard: STD3

Elem	Al3082	Ca3179	Fe2714	K_7664	Mg2790	Na3302
Avge	3.5838	44.906	18.713	99.625	24.379	8.6648
SDev	.0276	.100	.143	.378	.270	.0874
%RSD	.77110	.22368	.76460	.37897	1.1090	1.0087
#1	3.5754	44.822	18.623	99.645	24.224	8.6308
#2	3.5614	44.879	18.637	99.239	24.222	8.5995
#3	3.6147	45.017	18.878	99.993	24.691	8.7641

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11462	--	--	--	--	--	--
SDev	43.73023	--	--	--	--	--	--
%RSD	.3815125	--	--	--	--	--	--
#1	11484	--	--	--	--	--	--
#2	11491	--	--	--	--	--	--
#3	11412	--	--	--	--	--	--

Method: TRACE2 Standard: STD5

Elem	B_2496
Avge	4.9312
SDev	.0181
%RSD	.36672
#1	4.9171
#2	4.9249
#3	4.9516

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12098	--	--	--	--	--	--
SDev	26.96294	--	--	--	--	--	--
%RSD	.2228710	--	--	--	--	--	--
#1	12085	--	--	--	--	--	--
#2	12129	--	--	--	--	--	--
#3	12080	--	--	--	--	--	--

Method: TRACE2 Standard: STD4

Elem	Ba2/4	Ti3372
Avge	2.8379	11.605
SDev	.0048	.016
%RSD	.17030	.14060
#1	2.8407	11.610
#2	2.8406	11.618
#3	2.8323	11.587

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12006	--	--	--	--	--	--
SDev	25.38372	--	--	--	--	--	--
%RSD	.2114312	--	--	--	--	--	--
#1	11998	--	--	--	--	--	--
#2	11985	--	--	--	--	--	--
#3	12034	--	--	--	--	--	--

Standardization Report Mon 07-01-96 08:55:50 AM page 1

Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1-Blank	921.822	1.71547	07/01/96 08:50:54
Al3082	308.215	STD3	STD1-Blank	5642.34	-192.579	07/01/96 08:50:54
As1890	189.042	STD2	STD1-Blank	1195.49	4.21801	07/01/96 08:50:54
B_2496	249.678	STD5	STD1-Blank	2028.14	-1.11838	07/01/96 08:50:54
Ba2/4	234.758	STD4	STD1-Blank	7052.22	-13.4156	07/01/96 08:50:54
Ba2/4	493.409	STD2	STD1-Blank	59.1506	-.034249	07/01/96 08:50:54
Be3130	313.042	STD2	STD1-Blank	458.392	10.6156	07/01/96 08:50:54
Ca3179	317.933	STD3	STD1-Blank	4454.08	-43.8385	07/01/96 08:50:54
Cd2265	226.502	STD2	STD1-Blank	2740.25	.151078	07/01/96 08:50:54
Co2286	228.616	STD2	STD1-Blank	2094.55	.057725	07/01/96 08:50:54
Cr2677	267.716	STD2	STD1-Blank	2300.88	-.190302	07/01/96 08:50:54
Cu3247	324.753	STD2	STD1-Blank	1178.94	-5.39539	07/01/96 08:50:54
Fe2714	271.441	STD3	STD1-Blank	10678.5	-8.54254	07/01/96 08:50:54
K_7664	766.491	STD3	STD1-Blank	.679981	.014125	07/01/96 08:50:54
Mg2790	279.078	STD3	STD1-Blank	8206.26	-6.33495	07/01/96 08:50:54
Mn2576	257.610	STD2	STD1-Blank	1605.13	-.088495	07/01/96 08:50:54
Mo2020	202.030	STD2	STD1-Blank	5499.27	-.606482	07/01/96 08:50:54
Na3302	330.232	STD3	STD1-Blank	.711879	.010324	07/01/96 08:50:54
Ni2316	231.604	STD2	STD1-Blank	2462.31	1.90062	07/01/96 08:50:54
Pb2203	220.353	NONE	STD1-Blank	.000000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	STD1-Blank	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1-Blank	4058.82	-.336301	07/01/96 08:50:54
Sn1899	189.989	STD2	STD1-Blank	6896.46	-.380442	07/01/96 08:50:54
Ti3372	337.280	STD4	STD1-Blank	1723.38	.332655	07/01/96 08:50:54
[illegible]08	190.864	STD2	STD1-Blank	1693.23	2.61223	07/01/96 08:50:54
V_2924	292.402	STD2	STD1-Blank	3232.12	-.356393	07/01/96 08:50:54
Zn2062	206.200	STD2	STD1-Blank	5464.83	-2.41072	07/01/96 08:50:54
2203/1	220.351	STD2	STD1-Blank	321.085	-2.41750	07/01/96 08:50:54
2203/2	220.352	STD2	STD1-Blank	351.039	-.203476	07/01/96 08:50:54
1960/1	196.021	STD2	STD1-Blank	1159.51	3.09977	07/01/96 08:50:54
1960/2	196.022	STD2	STD1-Blank	1353.41	-4.73591	07/01/96 08:50:54

Method: TRACE2 Sample Name: ICV-1 Operator:
Run Time: 07/01/96 08:55:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	513.50	9578.9	512.49	5062.5	488.04	495.02	101240.
SDev	1.45	22.2	3.15	20.5	1.97	1.30	260.
%RSD	.28267	.23178	.61522	.40534	.40377	.26253	.25707
#1	512.56	9560.6	511.87	5042.7	485.77	494.20	101160.
#2	515.17	9603.6	509.70	5083.7	489.32	496.52	101530.
#3	512.77	9572.6	515.91	5061.1	489.03	494.34	101030.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	472.52	491.84	481.81	503.06	98801.	97752.	94439.
SDev	1.59	1.17	1.81	1.49	203.	274.	221.
%RSD	.33580	.23741	.37530	.29672	.20589	.28031	.23411
#1	472.04	491.72	480.74	501.44	98711.	97490.	94290.
#2	474.30	493.06	483.90	504.38	99034.	98037.	94693.
	471.24	490.74	480.79	503.35	98658.	97728.	94333.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	487.90	486.54	92632.	481.85	481.13	513.43	500.08
SDev	1.32	1.51	251.	1.27	1.73	4.93	1.52
%RSD	.27126	.31098	.27044	.26256	.35981	.96117	.30334
#1	487.21	485.79	92369.	481.06	479.66	508.51	501.55
#2	489.42	485.55	92867.	483.31	483.04	518.38	500.17
#3	487.06	488.28	92660.	481.18	480.68	513.41	498.52
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	503.28	10449.	464.29	500.23	472.46	486.87	478.26
SDev	1.61	30.	9.53	.87	2.39	1.20	2.89
%RSD	.31981	.28519	2.0525	.17294	.50486	.24691	.60457
	502.19	10427.	463.36	500.26	472.97	488.14	475.43
#2	505.13	10483.	455.25	501.07	474.54	486.70	481.81
#3	502.52	10438.	474.25	499.34	469.85	485.76	478.13
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

W	450.00	9000.0	450.00	450.00	450.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	512.93	513.69
SDev	3.89	6.54
%RSD	.75807	1.2722
#1	512.69	506.43
#2	516.94	519.10
#3	509.17	515.52
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11767	--	--	--	--	--	--
SDev	48.00347	--	--	--	--	--	--
%RSD	.4079615	--	--	--	--	--	--
#1	11815	--	--	--	--	--	--
	11719	--	--	--	--	--	--
	11766	--	--	--	--	--	--

Method: TRACE2 Sample Name: ICB-1 Operator:
P ~ Time: 07/01/96 09:01:40
C~ment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.08192	24.041	.33847	12.447	.20814	-.21405	10.681
SDev	.23734	2.701	1.1784	1.107	.04600	.07999	1.690
%RSD	289.71	11.236	348.15	8.8949	22.101	37.369	15.822
#1	-.32953	22.108	-.78040	13.591	.25846	-.21830	8.9898
#2	.14360	22.888	1.5685	12.369	.19771	-.13202	12.370
#3	-.05984	27.128	.22731	11.381	.16825	-.29183	10.682
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	6.0000	500.00	5.0000	5.0000	200.00
Low	-5.0000	-200.00	-6.0000	-500.00	-5.0000	-5.0000	-200.00

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.15083	-.47867	-.12492	-.42914	3.9319	-4.4978	12.345
SDev	.00028	.47277	.11335	.15022	4.5799	5.9111	2.621
%RSD	.18826	98.766	90.736	35.004	116.48	131.42	21.232
#1	.15110	-1.0148	.00596	-.56721	-.33134	-8.0254	11.167
#2	.15053	-.29956	-.19038	-.26918	8.7735	2.3265	15.348
	.15087	-.12164	-.19035	-.45101	3.3535	-7.7944	10.519
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	3.0000	10.000	10.000	25.000	100.00	1000.0	200.00
Low	-3.0000	-10.000	-10.000	-25.000	-100.00	-1000.0	-200.00

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.13980	.64565	425.97	.28745	-.85464	-1.4548	-.79582
SDev	.07876	.97643	30.35	.80025	.60729	.5617	2.78423
%RSD	56.334	151.23	7.1242	278.39	71.058	38.608	349.86
#1	.18538	1.7396	399.08	.64001	-.17538	-1.8192	-2.4005
#2	.18516	-.13762	458.87	.85089	-1.3451	-1.7373	2.4191
#3	.04886	.33493	419.95	-.62854	-1.0434	-.80797	-2.4061
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	25.000	500.00	20.000	3.0000	5.0000	10.000
Low	-5.0000	-25.000	-500.00	-20.000	-3.0000	-5.0000	-10.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-1.1652	1.1175	-.56683	.10318	.85477	-2.2888	-.13864
SDev	1.8914	.0838	.29430	.31767	.00686	.9753	.66938
%RSD	162.33	7.5030	51.920	307.89	.80275	42.612	482.83
	-3.3226	1.0679	-.56426	-.08060	.85199	-1.3279	.40002
#2	.20754	1.2143	-.27382	.46999	.84973	-2.2606	-.88803
#3	-.38044	1.0702	-.86241	-.07986	.86258	-3.2779	00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	50.000	50.000	10.000	5.0000	20.000		

w	-50.000	-50.000	-10.000	-5.0000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-4.9178	.27409
SDev	6.3206	3.0013
%RSD	128.53	1095.0
#1	-11.934	3.2305
#2	.33186	-2.7703
#3	-3.1516	.36207
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11711	--	--	--	--	--	--
SDev	24.37895	--	--	--	--	--	--
%RSD	.2081773	--	--	--	--	--	--
#1	11720	--	--	--	--	--	--
?	11729	--	--	--	--	--	--
	11683	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCV-1-1 Operator:
Run Time: 07/01/96 09:07:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	511.44	9558.7	516.37	5040.3	490.36	492.73	100720.
SDev	1.25	18.5	8.20	14.3	1.49	.69	106.
%RSD	.24366	.19349	1.5873	.28282	.30326	.14036	.10550
#1	510.96	9554.1	508.69	5029.5	489.00	492.17	100640.
#2	512.85	9579.0	515.43	5056.5	491.95	493.50	100840.
#3	510.50	9542.9	525.00	5035.0	490.13	492.51	100680.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	469.94	489.56	479.60	501.40	98454.	97581.	94054.
SDev	.29	.28	.68	1.37	129.	248.	166.
%RSD	.06141	.05795	.14147	.27249	.13125	.25366	.17663
#1	469.68	489.43	479.71	500.64	98340.	97448.	93935.
#2	470.25	489.37	480.22	502.98	98594.	97866.	94244.
#3	469.89	489.89	478.88	500.58	98428.	97428.	93984.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	486.22	483.85	92512.	480.94	480.51	506.31	498.22
SDev	.77	3.16	200.	1.76	.33	7.25	6.55
%RSD	.15743	.65236	.21589	.36633	.06898	1.4311	1.3145
#1	485.58	481.09	92401.	479.16	480.77	514.65	496.44
#2	487.06	487.29	92742.	480.96	480.62	502.68	505.48
#3	486.01	483.18	92392.	482.69	480.13	501.60	492.75
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	497.31	10416.	470.09	499.15	469.64	484.95	478.29
SDev	1.40	21.	1.55	1.26	2.22	.51	.75
%RSD	.28080	.19728	.33055	.25272	.47345	.10442	.15652
#1	496.96	10399.	468.44	498.55	467.82	484.50	478.91
#2	498.84	10439.	470.31	500.60	472.12	484.85	478.51
#3	496.12	10410.	471.53	498.29	468.97	485.50	477.46
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

ɔw	450.00	9000.0	450.00	450.00	450.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	506.17	506.38
SDev	1.76	10.56
%RSD	.34750	2.0857
#1	506.79	518.58
#2	507.52	500.26
#3	504.18	500.31
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11760	--	--	--	--	--	--
SDev	4.582576	--	--	--	--	--	--
%RSD	.0389675	--	--	--	--	--	--
#1	11759	--	--	--	--	--	--
?	11756	--	--	--	--	--	--
	11765	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCB-1-1 Operator:
Time: 07/01/96 09:13:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.31387	6.6454	2.6386	10.548	.03905	.15748	-1.0586
SDev	.19204	1.4583	2.2745	1.427	.03888	.02206	.1705
%RSD	61.185	21.944	86.202	13.526	99.562	14.006	16.109
#1	-.52713	5.6450	.47170	11.928	.05355	.18220	-1.2304
#2	-.15458	5.9726	2.4368	10.637	.06860	.13980	-1.0560
#3	-.25992	8.3186	5.0073	9.0783	-.00500	.15045	-.88934
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	6.0000	500.00	5.0000	5.0000	200.00
Low	-5.0000	-200.00	-6.0000	-500.00	-5.0000	-5.0000	-200.00

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.22669	-.23035	-.12652	-.46386	.28743	-14.744	4.2830
SDev	.13081	.35937	.29062	.06224	6.8974	3.425	2.5935
%RSD	57.703	156.01	229.70	13.418	2399.7	23.233	60.554
#1	.15079	.05769	-.19031	-.53448	4.6773	-18.580	2.4614
#2	.37774	-.11569	.19070	-.41699	3.8475	-11.991	7.2524
#3	.15155	-.63306	-.37996	-.44011	-7.6625	-13.661	3.1352
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	3.0000	10.000	10.000	25.000	100.00	1000.0	200.00
Low	-3.0000	-10.000	-10.000	-25.000	-100.00	-1000.0	-200.00

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.04402	.75580	317.44	.74824	-.77575	-.41064	.77547
SDev	.00033	.90716	4.78	.31264	1.37994	2.30736	2.2652
%RSD	.74238	120.03	1.5055	41.783	177.88	561.89	292.11
#1	.04387	1.6611	322.28	1.0884	-1.6675	1.8013	-.99909
#2	.04439	.75957	312.72	.47340	-1.4734	-2.8028	-.00142
#3	.04379	-.15323	317.33	.68295	.81372	-.23045	3.3269
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	25.000	500.00	20.000	3.0000	5.0000	10.000
Low	-5.0000	-25.000	-500.00	-20.000	-3.0000	-5.0000	-10.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.57013	.75954	-.00336	-.26719	.29688	-.95343	-.68704
SDev	.86861	.14221	4.03428	.15440	.45660	1.25300	1.47439
%RSD	152.35	18.723	120060.	57.787	153.80	131.42	214.60
#1	-1.5179	.90115	2.3267	-.35656	.29312	-2.0494	-1.4769
#2	-.38044	.76075	-4.6618	-.08890	.75535	-1.2235	-1.5982
#3	.18796	.61674	2.3249	-.35612	-.15783	.41257	1.0228
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	50.000	50.000	10.000	5.0000	20.000		

w	-50.000	-50.000	-10.000	-5.0000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-4.2703	1.5163
SDev	2.1916	2.9244
%RSD	51.322	192.87
#1	-1.8716	3.6351
#2	-4.7710	-1.8202
#3	-6.1681	2.7339
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12112	--	--	--	--	--	--
SDev	30.51229	--	--	--	--	--	--
%RSD	.2519179	--	--	--	--	--	--
#1	12126	--	--	--	--	--	--
#2	12077	--	--	--	--	--	--
#3	12133	--	--	--	--	--	--

Method: TRACE2 Sample Name: CRI-1-1 Operator:
Time: 07/01/96 09:18:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	20.915	11.564	24.523	7.1402	.05481	10.134	5.8255
SDev	.367	2.018	.683	1.0467	.01450	.043	1.0365
%RSD	1.7567	17.449	2.7836	14.659	26.447	.41992	17.793
#1	20.541	9.4691	25.273	8.3486	.06928	10.085	4.7539
#2	20.928	11.727	24.360	6.5209	.05486	10.159	6.8230
#3	21.275	13.495	23.937	6.5510	.04029	10.158	5.8995
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	NOCHECK
High	26.000		26.000			13.000	
Low	14.000		14.000			7.0000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	10.242	99.311	19.966	50.563	5.3417	-32.334	.81023
SDev	.040	.163	.187	.233	7.6668	2.484	2.4190
%RSD	.39533	.16427	.93535	.46166	143.53	7.6813	298.56
#1	10.201	99.255	19.756	50.367	-2.4608	-33.494	-1.4995
	10.243	99.494	20.032	50.501	5.6208	-29.482	3.3255
	10.282	99.183	20.112	50.821	12.865	-34.025	.60465
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK
High	13.000	130.00	26.000	65.000			
Low	7.0000	70.000	14.000	35.000			

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	30.452	.77497	259.18	82.068	5.1895	10.930	123.75
SDev	.068	.46224	26.33	.530	.9171	3.426	5.66
%RSD	.22231	59.646	10.157	.64578	17.672	31.349	4.5709
#1	30.417	.31029	245.51	82.356	5.5934	H14.877	117.97
#2	30.410	1.2347	242.51	81.456	5.8352	8.7261	129.27
#3	30.530	.77989	289.53	82.391	L4.1398	9.1855	124.02
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	39.000			104.00	7.8000	13.000	156.00
Low	21.000			56.000	4.2000	7.0000	84.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.76448	.91021	19.835	102.80	39.579	4.7688	5.3995
SDev	.33259	.25137	3.984	.22	.652	.8115	1.7319
%RSD	43.505	27.617	20.088	.21411	1.6486	17.016	32.075
#1	-.95529	.61996	22.022	102.56	39.864	4.0068	6.3856
#2	-.95770	1.0539	22.246	102.99	40.041	4.6776	[illegible]
#3	-.38044	1.0568	15.236	102.85	38.833	5.6220	3.3997
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			26.000	130.00	52.000		

000080

W		14.000	70.000	28.000	

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	10.805	10.992
SDev	3.744	3.956
%RSD	34.648	35.986
#1	14.196	15.217
#2	11.430	7.3764
#3	6.7878	10.382
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11948	--	--	--	--	--	--
SDev	48.50773	--	--	--	--	--	--
%RSD	.4059904	--	--	--	--	--	--
#1	11997	--	--	--	--	--	--
?	11947	--	--	--	--	--	--
	11900	--	--	--	--	--	--

Method: TRACE2 Sample Name: ICSA-1-1 Operator:
Time: 07/01/96 09:24:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.61600	476770.	4.0375	3.2239	5.3678	.33970	476990.
SDev	.19304	728.	3.9515	.4326	.0281	.04928	451.
%RSD	31.337	.15279	97.869	13.417	.52328	14.508	.09446
#1	.65824	476730.	7.8746	2.9755	5.3536	.39602	476620.
#2	.78442	477520.	4.2571	3.7234	5.4001	.30446	477490.
#3	.40535	476060.	-.01921	2.9729	5.3496	.31863	476860.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.000	600000.	10.000		200.00	5.0000	600000.
Low	-10.000	400000.	-10.000		-200.00	-5.0000	400000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.62226	1.7882	1.0211	2.4764	199220.	-13.166	517740.
SDev	.24088	.3341	.0013	.1292	250.	5.095	659.
%RSD	38.710	18.685	.12299	5.2158	.12563	38.698	.12722
#1	.38474	1.5958	1.0225	2.4032	198990.	-12.346	517440.
#2	.86637	2.1740	1.0200	2.6255	199490.	-18.621	518490.
#3	.61567	1.5948	1.0208	2.4004	199190.	-8.5306	517280.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	240000.	5000.0	600000.
Low	-5.0000	-50.000	-10.000	-25.000	160000.	-5000.0	400000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.6966	.40313	286.83	1.1856	.06612	-1.9681	5.0386
SDev	.0858	1.3350	93.52	.8131	.40298	.6636	4.8256
%RSD	5.0547	331.15	32.605	68.578	609.44	33.719	95.773
#1	1.7465	1.4118	180.87	.96047	.28952	-2.1955	-.38531
#2	1.7458	.90833	357.85	2.0875	.30792	-1.2206	6.6448
#3	1.5976	-1.1107	321.78	.50884	-.39907	-2.4881	8.8563
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.67017	.85975	7.5524	-2.3880	8.6860	25.088	-12.426
SDev	3.2364	.09128	5.3430	.1783	.2954	3.537	1.255
%RSD	480.82	10.617	70.745	7.4670	3.4006	14.096	10.096
#1	3.4161	.96515	9.0087	-2.1821	8.5199	28.443	-13.766
#2	1.5192	.80737	H12.016	-2.4929	9.0270	25.427	-12.233
#3	-2.7099	.80672	1.6323	-2.4890	8.5111	21.394	-11.279
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

IW			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	5.4834	-5.6882
SDev	.7128	1.0823
%RSD	13.000	19.027
#1	6.2859	-6.4299
#2	5.2403	-4.4463
#3	4.9239	-6.1885
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	10899	--	--	--	--	--	--
SDev	7.505554	--	--	--	--	--	--
%RSD	.0688667	--	--	--	--	--	--
#1	10899	--	--	--	--	--	--
	10891	--	--	--	--	--	--
	10906	--	--	--	--	--	--

Method: TRACE2 Sample Name: ICSA8-1-1 Operator:
Time: 07/01/96 09:30:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	L211.58	464930.	103.25	7.5860	508.92	487.37	465470.
SDev	.89	1009.	3.01	.4462	1.83	1.42	1461.
%RSD	.42277	.21712	2.9167	5.8824	.35976	.29057	.31382
#1	L210.77	464690.	105.98	7.3261	509.37	486.47	464190.
#2	L212.54	466040.	100.02	8.1013	510.48	489.01	467060.
#3	L211.43	464070.	103.76	7.3307	506.90	486.65	465160.
Errors	LC Low	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	1200.0	600000.	120.00		600.00	600.00	600000.
Low	800.00	400000.	80.000		400.00	400.00	400000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	915.70	460.80	471.73	533.54	194590.	-5.6331	504730.
SDev	2.30	1.28	1.30	2.00	562.	5.6634	1521.
%RSD	.25165	.27692	.27583	.37513	.28860	100.54	.30127
#1	914.76	460.04	470.67	534.67	194200.	-12.147	503710.
	918.32	462.28	473.18	534.72	195230.	-2.8769	506480.
	914.01	460.10	471.34	531.23	194330.	-1.8753	504010.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1200.0	600.00	600.00	600.00	240000.	5000.0	600000.
Low	800.00	400.00	400.00	400.00	160000.	-5000.0	400000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	482.57	.55523	-817.63	919.88	L45.628	50.816	605.61
SDev	1.42	1.0363	17.10	2.69	1.480	3.248	2.24
%RSD	.29454	186.64	2.0915	.29250	3.2430	6.3911	.37030
#1	481.62	1.3846	-826.73	917.68	L46.950	53.970	603.03
#2	484.21	-.60648	-797.91	922.88	L45.903	47.482	606.81
#3	481.89	.88761	-828.27	919.07	L44.030	50.995	607.01
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Low	LC Pass	LC Pass
High	600.00		5000.0	1200.0	1200.0	60.000	720.00
Low	400.00		-5000.0	800.00	800.00	40.000	480.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.0795	1.0619	103.17	488.66	906.48	65.587	35.663
SDev	2.5244	.0912	7.85	2.29	2.86	1.546	2.979
%RSD	233.84	8.5882	7.6094	.46946	.31554	2.3571	8.3536
#1	-1.6289	.95662	107.28	487.07	904.14	64.010	38.434
#2	1.5006	1.1161	94.113	491.29	909.67	65.649	35.561
#3	3.3670	1.1130	108.10	487.62	905.62	67.100	32.511
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			120.00	600.00	1200.0		

W		80.000	400.00	800.00	

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	56.583	47.936
SDev	16.861	9.865
%RSD	29.798	20.578
#1	45.513	58.193
#2	48.249	47.100
#3	75.988	38.517
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11030	--	--	--	--	--	--
SDev	26.72702	--	--	--	--	--	--
%RSD	.2423193	--	--	--	--	--	--
#1	11048	--	--	--	--	--	--
#2	10999	--	--	--	--	--	--
#3	11042	--	--	--	--	--	--

Method: TRACE2 Sample Name: LCCS2 Operator:
Time: 07/01/96 09:38:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1002.1	15.431	993.63	11.800	1004.5	1000.7	10.252
SDev	.2	2.827	2.07	.568	1.3	1.7	.093
%RSD	.02440	18.321	.20872	4.8118	.12962	.16571	.90788
#1	1001.9	16.874	995.25	11.462	1005.7	999.68	10.255
#2	1002.4	17.245	991.29	11.483	1004.6	1002.6	10.344
#3	1002.0	12.173	994.34	12.456	1003.1	999.89	10.158
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK
High	1050.0		1050.0		1050.0	1050.0	
Low	950.00		950.00		950.00	950.00	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	997.24	1000.6	1002.6	1003.5	91.144	-26.233	11.234
SDev	.80	2.4	1.2	.5	6.881	5.244	.030
%RSD	.08070	.24159	.12081	.04561	7.5491	19.989	.26366
#1	996.33	1000.6	1002.1	1004.0	97.421	-27.813	11.232
#2	997.54	1003.0	1004.0	1003.1	92.223	-20.381	11.265
#3	997.85	998.16	1001.7	1003.3	83.788	-30.505	11.206
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK
High	1050.0	1050.0	1050.0	1050.0			
Low	950.00	950.00	950.00	950.00			

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1001.3	998.98	-792.23	999.68	1003.5	1003.8	991.37
SDev	1.5	5.78	7.37	3.63	1.6	5.7	4.44
%RSD	.14526	.57881	.93089	.36285	.16053	.57206	.44822
#1	1000.4	992.30	-796.99	996.11	1002.2	1007.3	990.21
#2	1003.0	1002.3	-783.74	1003.4	1005.3	1006.9	996.28
#3	1000.6	1002.4	-795.98	999.56	1003.0	997.18	987.62
Errors	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	1050.0	1050.0		1050.0	1050.0	1050.0	1050.0
Low	950.00	950.00		950.00	950.00	950.00	950.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1001.3	.28477	990.76	1005.8	996.51	1002.4	1004.1
SDev	2.9	.22046	7.20	.6	2.86	1.8	2.2
%RSD	.28992	77.419	.72639	.06123	.28747	.18247	.21715
#1	999.69	.33265	992.20	1005.6	993.24	1003.2	1001.8
#2	999.64	.47735	997.12	1006.5	998.57	1003.8	1006.2
#3	1004.7	.04430	982.95	1005.3	997.71	1000.3	1004.3
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	1050.0		1050.0	1050.0	1050.0		

w	950.00		950.00	950.00	950.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	1000.5	1005.4
SDev	2.7	8.0
%RSD	.27119	.79994
#1	1003.7	1009.1
#2	998.83	1011.0
#3	999.13	996.21
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11931	--	--	--	--	--	--
SDev	21.51743	--	--	--	--	--	--
%RSD	.1803490	--	--	--	--	--	--
#1	11930	--	--	--	--	--	--
#2	11910	--	--	--	--	--	--
#3	11953	--	--	--	--	--	--

Method: TRACE2 Sample Name: LCCS345 Operator:
Run Time: 07/01/96 09:43:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.0443	19857.	-1.7390	10122.	19279.	-.40195	195840.
SDev	.2021	43.	1.0361	13.	30.	.07894	307.
%RSD	19.352	.21597	59.579	.13149	.15339	19.638	.15659
#1	1.2333	19810.	-1.5163	10106.	19280.	-.37615	195620.
#2	1.0682	19894.	-.83238	10128.	19309.	-.49056	195710.
#3	.83127	19865.	-2.8683	10131.	19250.	-.33914	196190.
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High		21000.		10500.	21000.		210000.
Low		19000.		9500.0	19000.		190000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-5.8181	37.281	2.3124	4.1531	196670.	L180130.	196410.
SDev	.5976	.667	.5042	.2316	345.	482.	251.
%RSD	10.271	1.7899	21.803	5.5771	.17522	.26750	.12786
#1	-6.0581	38.048	2.8401	4.4063	196470.	L179740.	196240.
#2	-6.2584	36.834	2.2612	3.9518	196480.	L180670.	196290.
	-5.1378	36.962	1.8357	4.1014	197070.	L179990.	196700.
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass
High					210000.	210000.	210000.
Low					190000.	190000.	190000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	5.9607	1.4744	203630.	.47000	11.731	2.9117	-2.2528
SDev	.1367	.5481	332.	.21310	1.540	1.7642	1.4086
%RSD	2.2928	37.177	.16315	45.340	13.126	60.590	62.528
#1	6.0394	1.7906	203340.	.25705	10.354	3.5151	-3.0783
#2	5.8029	.84146	203990.	.68325	13.394	.92496	-3.0537
#3	6.0398	1.7912	203560.	.46970	11.445	4.2950	-.62630
Errors	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High			210000.				
Low			190000.				

Elem	Sn1899	Ti337/2	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	8.2552	20656.	3.9575	8.6609	7.7975	23.597	5.8070
SDev	.8953	19.	3.6934	.2214	.6883	3.184	1.3298
%RSD	10.845	.08962	93.328	2.5561	8.8275	13.491	22.899
	9.2389	20635.	4.0046	8.6312	7.9318	22.535	4.2732
#2	7.4881	20670.	.24073	8.4559	7.0519	27.176	6.5133
#3	8.0387	20663.	7.6271	8.8957	8.4088	21.081	6.6342
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		21000.					

ow		19000.

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	4.2273	2.2549
SDev	1.1031	2.2250
%RSD	26.095	98.675
#1	5.2513	2.6482
#2	3.0592	-.14057
#3	4.3713	4.2569
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11444	--	--	--	--	--	--
SDev	43.61575	--	--	--	--	--	--
%RSD	.3811122	--	--	--	--	--	--
#1	11471	--	--	--	--	--	--
?2	11394	--	--	--	--	--	--
?3	11468	--	--	--	--	--	--

Method: TRACE2 Sample Name: PBS-1933 Operator:
Run Time: 07/01/96 10:21:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.23435	41.577	.93056	43.602	.37638	-.23703	60.339
SDev	.17238	5.644	3.6155	10.383	.06182	.07518	2.341
%RSD	73.557	13.575	388.53	23.813	16.425	31.719	3.8802
#1	-.03553	37.785	-2.5950	35.130	.32319	-.30787	58.085
#2	-.34199	38.883	4.6297	40.492	.36175	-.24506	60.174
#3	-.32552	48.063	.75698	55.185	.44420	-.15815	62.759
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.07284	-.36153	-.05985	.90913	7.3324	11.917	5.6265
SDev	.13490	.20725	.49495	.09756	2.8447	7.256	.6566
%RSD	185.20	57.326	826.96	10.731	38.797	60.890	11.670
#1	.15069	-.48493	.00833	1.0180	6.2171	4.4851	5.7069
#2	.15075	-.12226	-.58536	.87977	5.2143	12.283	4.9335
#3	-.08293	-.47739	.39748	.82963	10.566	18.984	6.2392
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.73762	-.60865	507.98	-2.0425	.12217	-3.3185	-1.4767
SDev	.00573	.47156	57.24	.3312	.83120	.8826	2.6077
%RSD	.77624	77.476	11.269	16.215	680.34	26.597	176.60
#1	.74302	-1.0813	489.33	-2.3514	.34241	-2.4388	.36228
#2	.73823	-.60648	462.38	-1.6928	.82107	-4.2040	-.33121
#3	.73161	-.13818	572.21	-2.0834	-.79696	-3.3126	-4.4611
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2.1860	.72655	-3.5692	.19785	4.4593	.19568	.08547
SDev	.6968	.08342	1.6684	.00393	.3137	1.6930	.82621
%RSD	31.877	11.482	46.743	1.9848	7.0353	865.16	966.63
	2.5968	.63025	-3.9531	.20151	4.6599	1.7868	-.37868
#2	2.5797	.77648	-1.7424	.19834	4.6201	.38378	[illegible]
#3	1.3814	.77293	-5.0122	.19370	4.0977	-1.5835	-.40429
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

000270

ɔw			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-11.422	.72709
SDev	3.782	1.2388
%RSD	33.112	170.37
#1	-10.011	1.3415
#2	-15.706	1.5385
#3	-8.5480	-.69879
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11658	--	--	--	--	--	--
SDev	80.87645	--	--	--	--	--	--
%RSD	.6937420	--	--	--	--	--	--
#1	11582	--	--	--	--	--	--
"2	11649	--	--	--	--	--	--
	11743	--	--	--	--	--	--

Method: TRACE2 Sample Name: LCSS-1933 Operator:
Run Time: 07/01/96 10:27:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	54.896	2122.6	44.720	2074.5	1971.6	50.197	22072.
SDev	.055	11.9	3.095	25.7	5.7	.133	50.
%RSD	.10039	.55951	6.9216	1.2399	.28751	.26513	.22647
#1	54.935	2114.2	41.722	2044.9	1978.0	50.298	22130.
#2	54.833	2117.4	47.904	2087.8	1967.3	50.046	22041.
#3	54.919	2136.2	44.535	2090.9	1969.5	50.246	22047.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.000	2400.0	48.000	2400.0	2400.0	60.000	24000.
Low	40.000	1600.0	32.000	1600.0	1600.0	40.000	16000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	49.231	487.85	199.96	254.30	1033.0	23892.	19811.
SDev	.206	.71	.24	.99	2.9	68.	43.
%RSD	.41868	.14634	.12162	.38920	.27757	.28606	.21823
#1	48.999	488.58	200.15	255.40	1035.1	23971.	19859.
#2	49.299	487.81	200.05	254.01	1029.7	23855.	19776.
#3	49.394	487.16	199.69	253.48	1034.1	23850.	19797.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.000	600.00	240.00	300.00	1200.0	24000.	24000.
Low	40.000	400.00	160.00	200.00	800.00	16000.	16000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	499.66	2010.7	17858.	493.10	17.971	8.7180	485.10
SDev	1.32	.2	47.	.89	.871	1.8514	1.01
%RSD	.26348	.00899	.26135	.18131	4.8457	21.236	.20900
#1	501.17	2011.0	17873.	494.12	17.365	10.277	484.48
#2	498.78	2010.7	17896.	492.44	17.579	9.2051	484.55
#3	499.02	2010.6	17806.	492.74	18.969	L6.6718	486.27
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600.00	2400.0	24000.	600.00	24.000	12.000	600.00
Low	400.00	1600.0	16000.	400.00	16.000	8.0000	400.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2069.9	2172.7	43.057	512.77	492.80	22.155	15.881
SDev	1.7	6.2	2.826	.88	1.97	.982	1.741
%RSD	.08390	.28632	6.5639	.17155	.39945	4.4334	10.962
	2071.7	2179.8	46.113	513.59	494.08	23.215	14.444
#2	2069.9	2168.8	42.518	511.84	490.53	21.977	[illegible]
#3	2068.2	2169.4	40.538	512.87	493.78	21.275	17.317
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2400.0	2400.0	60.000	600.00	600.00		

w	1600.0	1600.0	40.000	400.00	400.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	2.6459	11.750
SDev	3.3649	1.141
%RSD	127.17	9.7085
#1	5.8382	12.493
#2	2.9679	12.319
#3	-.86837	10.436
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11747	--	--	--	--	--	--
SDev	36.55589	--	--	--	--	--	--
%RSD	.3112023	--	--	--	--	--	--
#1	11709	--	--	--	--	--	--
#2	11749	--	--	--	--	--	--
	11782	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCV-1-2 Operator:
Run Time: 07/01/96 10:33:08
ment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	511.11	9613.5	509.30	5058.5	479.69	493.93	100870.
SDev	1.75	20.5	5.33	6.2	1.21	2.21	524.
%RSD	.34246	.21339	1.0468	.12229	.25309	.44650	.51932
#1	512.73	9628.6	514.98	5059.5	480.58	495.89	101320.
#2	511.35	9621.7	508.51	5051.9	480.17	494.36	101000.
#3	509.25	9590.1	504.41	5064.1	478.31	491.55	100290.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	470.40	489.31	480.21	501.64	98561.	97348.	94141.
SDev	2.09	3.05	2.60	.47	459.	275.	406.
%RSD	.44507	.62366	.54156	.09398	.46587	.28268	.43097
#1	471.93	491.78	482.51	501.29	98941.	97467.	94515.
#2	471.26	490.26	480.73	502.17	98692.	97544.	94197.
	468.02	485.90	477.39	501.44	98051.	97033.	93710.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	486.29	483.32	92303.	476.51	478.03	501.98	491.56
SDev	2.11	2.92	290.	2.51	1.86	4.50	4.29
%RSD	.43337	.60338	.31370	.52675	.38939	.89718	.87364
#1	487.94	486.58	92575.	478.41	477.17	502.10	491.03
#2	487.00	482.43	92335.	477.46	480.16	506.41	496.10
#3	483.91	480.96	91998.	473.67	476.75	497.41	487.56
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	498.43	10441.	468.18	500.52	470.87	485.22	474.44
SDev	3.68	40.	9.19	1.43	3.01	1.82	2.84
%RSD	.73776	.38566	1.9633	.28607	.63854	.37468	.59756
	500.93	10474.	462.15	501.87	473.79	483.22	474.15
#2	500.16	10453.	478.76	500.68	471.04	485.69	477.40
#3	494.21	10396.	463.64	499.01	467.79	486.76	474.37
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

000274

	450.00	9000.0	450.00	450.00	450.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	500.49	502.72
SDev	5.34	4.22
%RSD	1.0665	.84032
#1	502.18	502.07
#2	504.78	507.23
#3	494.52	498.85
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11890	--	--	--	--	--	--
SDev	29.73774	--	--	--	--	--	--
%RSD	.2501002	--	--	--	--	--	--
#1	11886	--	--	--	--	--	--
	11863	--	--	--	--	--	--
	11922	--	--	--	--	--	--

Method: TRACE2 Sample Name: CC8-1-2 Operator:
R Time: 07/01/96 10:38:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.14435	48.673	-1.3287	92.081	.27906	.30957	31.119
SDev	.06019	5.508	1.3787	2.724	.03186	.05737	1.680
%RSD	41.699	11.317	103.77	2.9579	11.416	18.533	5.3981
#1	-.17925	43.011	-2.6628	89.758	.26237	.25145	30.140
#2	-.17894	48.993	.09067	95.079	.31579	.36616	33.059
#3	-.07484	54.014	-1.4139	91.405	.25902	.31112	30.159
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.07596	-.05649	-.00052	-.12005	.54817	50.497	9.6526
SDev	.13037	.43446	.19016	.07227	5.1416	4.897	1.6565
%RSD	171.63	769.14	36328.	60.200	937.95	9.6980	17.161
#1	.15128	-.45901	-.00118	-.16133	-3.2710	48.336	9.8545
#2	-.07458	-.11453	-.19036	-.16221	6.3943	56.103	11.199
#3	.15117	.40408	.18997	-.03660	-1.4788	47.052	7.9044
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.08765	1.0528	499.35	.75209	-.31135	-1.2854	-.66915
SDev	.07597	.9393	64.06	.41959	1.08490	2.5041	1.33244
%RSD	86.671	89.221	12.828	55.790	348.45	194.82	199.13
#1	.04344	2.1063	442.49	.88837	.76734	1.6054	-.66610
#2	.17536	.74969	568.75	.28130	-.29904	-2.7886	.66177
#3	.04414	.30249	486.82	1.0866	-1.4024	-2.6729	-2.0031
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.57249	1.0420	-.64241	.17595	4.7831	-2.1086	.58592
SDev	1.73594	.1401	2.00298	.00170	.0217	2.5964	1.7536
%RSD	303.23	13.449	311.79	.96620	.45346	123.13	299.29
#1	-.94745	1.0411	-1.4211	.17519	4.7710	-2.7988	2.5477
#2	1.3203	1.1827	1.6330	.17476	4.7701	.76312	[illegible]
#3	-2.0903	.90237	-2.1391	.17790	4.8081	-4.2901	[illegible]
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

000276

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-3.3059	-.27665
SDev	4.6493	2.58777
%RSD	140.64	935.40
#1	.71583	2.0495
#2	-2.2369	-3.0640
#3	-8.3965	.18461
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12143	--	--	--	--	--	--
SDev	36.96395	--	--	--	--	--	--
%RSD	.3044137	--	--	--	--	--	--
#1	12163	--	--	--	--	--	--
#2	12165	--	--	--	--	--	--
	12100	--	--	--	--	--	--

Method: TRACE2 Sample Name: QC CHECK STD Operator:
Run Time: 07/01/96 10:50:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	576.91	17795.	350.75	494.37	433.68	193.99	5574.2
SDev	1.19	44.	4.41	6.42	.91	.30	10.5
%RSD	.20616	.24887	1.2583	1.2984	.20882	.15253	.18895
#1	578.21	17840.	348.85	493.57	434.52	194.33	5585.9
#2	576.62	17795.	347.61	501.15	433.80	193.83	5571.2
#3	575.89	17751.	355.79	488.38	432.72	193.80	5565.4
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	171.37	190.13	285.93	480.04	38651.	8002.5	4986.8
SDev	.50	.49	1.27	1.31	68.	19.5	8.8
%RSD	.28935	.25623	.44427	.27197	.17536	.24387	.17626
#1	171.90	190.09	287.35	481.54	38729.	8014.4	4996.9
#2	170.91	190.64	285.53	479.48	38622.	8013.1	4982.6
	171.31	189.67	284.90	479.12	38603.	7980.0	4980.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	657.57	225.37	608.26	148.88	232.34	292.40	148.94
SDev	1.14	.18	21.56	.17	1.15	3.60	2.55
%RSD	.17373	.07771	3.5443	.11648	.49617	1.2309	1.7113
#1	658.89	225.35	625.38	148.71	233.50	292.97	149.50
#2	656.89	225.56	584.05	148.88	231.19	288.55	146.16
#3	656.92	225.21	615.35	149.06	232.33	295.68	151.16
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	518.39	1091.1	156.06	262.66	542.24	235.54	230.74
SDev	1.61	2.4	5.42	1.13	.69	1.62	1.15
%RSD	.31138	.21595	3.4735	.43129	.12783	.68902	.49863
	517.90	1093.6	155.10	263.85	542.54	237.41	231.55
#2	517.08	1090.9	151.18	262.53	542.72	234.73	229.42
#3	520.19	1088.9	161.89	261.60	541.44	234.47	[illegible]
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

000278

ow			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	281.47	297.86
SDev	1.45	4.68
%RSD	.51471	1.5724
#1	281.96	298.47
#2	279.84	292.90
#3	282.61	302.21
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12306	--	--	--	--	--	--
SDev	55.94938	--	--	--	--	--	--
%RSD	.4546635	--	--	--	--	--	--
#1	12242	--	--	--	--	--	--
#2	12328	--	--	--	--	--	--
	12347	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623901 Operator:
Run Time: 07/01/96 10:56:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2.7866	29998.	16.540	142.91	383.82	.63430	229920.
SDev	.1899	43.	2.061	4.52	.65	.04057	787.
%RSD	6.8156	.14242	12.459	3.1615	.17020	6.3961	.34233
#1	3.0059	30011.	14.679	137.82	383.71	.60390	230610.
#2	2.6759	29951.	18.755	146.44	383.23	.68037	229060.
#3	2.6780	30034.	16.188	144.47	384.52	.61864	230090.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	5.9175	32.459	155.81	366.80	136700.	1810.3	52388.
SDev	.1638	.315	.31	.35	361.	.4	134.
%RSD	2.7672	.97149	.20018	.09510	.26444	.02282	.25588
#1	6.0442	32.724	156.16	367.16	136960.	1810.0	52509.
#2	5.9757	32.110	155.56	366.47	136290.	1810.1	52244.
#3	5.7326	32.545	155.70	366.76	136870.	1810.7	52411.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1827.0	6.1026	-2776.7	364.95	1067.8	4.6576	.88034
SDev	4.1	1.2885	24.9	2.96	4.0	2.3911	2.9804
%RSD	.22442	21.114	.89511	.81207	.37868	51.339	338.56
#1	1829.6	7.0915	-2767.8	364.04	1070.7	2.9251	-2.1564
#2	1822.3	4.6455	-2804.8	362.55	1063.1	3.6619	.99626
#3	1829.2	6.5709	-2757.6	368.26	1069.5	7.3856	3.8011
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	572.51	1223.5	6.6637	84.251	3250.8	1075.6	1063.8
SDev	5.72	2.3	2.4721	.516	8.5	5.9	3.4
%RSD	.99857	.19148	37.098	.61224	.26071	.54848	.31983
	574.63	1225.2	4.2701	84.353	3258.7	1077.9	1067.0
#2	566.04	1220.8	6.5136	83.692	3241.9	1068.9	1060.2
#3	576.87	1224.4	9.2075	84.709	3251.8	1080.0	1063.0
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

ow			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-5.9493	9.9531
SDev	2.2216	3.0310
%RSD	37.342	30.453
#1	-5.3659	7.0644
#2	-8.4044	9.6860
#3	-4.0777	13.109
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11480	--	--	--	--	--	--
SDev	45.34681	--	--	--	--	--	--
%RSD	.3949956	--	--	--	--	--	--
#1	11430	--	--	--	--	--	--
#2	11518	--	--	--	--	--	--
#3	11493	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623902 Operator:
Proc Time: 07/01/96 11:02:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.39246	14221.	6.7479	75.093	192.82	.87691	3920.7
SDev	.35215	35.	2.4647	2.104	.74	.04239	4.9
%RSD	89.728	.24849	36.525	2.8018	.38354	4.8337	.12542
#1	-.79852	14250.	4.6851	72.743	193.38	.83151	3923.5
#2	-.17083	14182.	9.4773	76.802	191.98	.91545	3915.0
#3	-.20804	14232.	6.0813	75.735	193.11	.88376	3923.6
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.38109	12.621	24.877	33.207	28321.	1176.5	2605.7
SDev	.25911	.492	.297	.275	48.	4.9	7.1
%RSD	67.992	3.8986	1.1941	.82840	.17084	.41957	.27437
#1	.23340	12.370	24.896	33.039	28342.	1179.6	2611.3
#2	.22959	13.188	25.163	33.057	28265.	1170.8	2597.6
#3	.68028	12.305	24.570	33.524	28354.	1179.1	2608.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2281.3	1.5385	723.39	14.314	41.533	.82365	-3.2457
SDev	4.3	.6973	71.60	.285	1.482	3.2030	3.6525
%RSD	.18685	45.321	9.8981	1.9932	3.5691	388.88	112.53
#1	2283.2	.77791	641.19	14.081	42.169	2.2432	-7.4226
#2	2276.4	1.6900	756.72	14.230	42.591	-2.8438	-1.6630
#3	2284.3	2.1475	772.24	14.632	39.838	3.0716	-.65152
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	6.1590	433.83	-5.7618	44.938	142.68	45.664	39.470
SDev	1.4713	1.61	2.1494	.162	.90	2.157	1.224
%RSD	23.888	.37043	37.304	.36009	.63044	4.7232	3.1002
#1	7.7215	434.47	-8.1540	45.002	141.64	47.190	39.662
#2	5.9556	432.01	-5.1380	45.058	143.24	46.605	40.986
#3	4.8001	435.03	-3.9933	44.754	143.15	43.197	38.162
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

000282

N			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-10.610	6.5321
SDev	3.068	3.2711
%RSD	28.914	50.077
#1	-9.3305	8.0213
#2	-14.111	2.7814
#3	-8.3898	8.7936
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11957	--	--	--	--	--	--
SDev	34.87119	--	--	--	--	--	--
%RSD	.2916383	--	--	--	--	--	--
#1	11917	--	--	--	--	--	--
#2	11973	--	--	--	--	--	--
	11981	--	--	--	--	--	--

Method: TRACE2 Sample Name: 06239020 Operator:
Run Time: 07/01/96 11:08:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.13267	13195.	6.7831	79.868	182.26	.75559	3780.4
SDev	.08283	35.	2.1759	2.178	.36	.02798	3.9
%RSD	62.435	.26571	32.079	2.7269	.19844	3.7030	.10267
#1	-.03704	13231.	7.3972	77.368	182.67	.72591	3784.8
#2	-.17889	13160.	4.3661	80.878	182.00	.75938	3777.4
#3	-.18208	13195.	8.5859	81.357	182.12	.78149	3778.9
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.50897	11.462	23.994	32.149	26448.	1140.3	2449.2
SDev	.12840	.195	.195	.101	48.	6.7	1.5
%RSD	25.228	1.6986	.81381	.31466	.18291	.58852	.05948
#1	.36070	11.393	24.099	32.078	26495.	1147.2	2450.8
#2	.58302	11.311	24.115	32.103	26398.	1133.8	2448.1
	.58318	11.681	23.769	32.265	26452.	1139.7	2448.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1998.9	.47285	739.28	13.077	39.935	1.1837	-.57878
SDev	3.5	.26572	62.66	.043	.482	.6850	2.70086
%RSD	.17412	56.195	8.4758	.32845	1.2076	57.872	466.64
#1	2002.7	.32284	787.66	13.126	40.108	.39581	2.4843
#2	1995.9	.31606	761.70	13.044	39.390	1.6383	-2.6180
#3	1998.0	.77966	668.50	13.062	40.306	1.5171	-1.6027
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	6.5802	408.24	-2.9255	42.561	140.95	41.051	39.377
SDev	1.5228	.92	2.8413	.280	.54	3.239	.952
%RSD	23.142	.22556	97.125	.65782	.38214	7.8908	2.4180
	5.4467	409.08	-4.6627	42.386	140.34	43.226	38.552
#2	5.9827	407.25	.35350	42.884	141.13	37.328	40.419
#3	8.3111	408.37	-4.4672	42.413	141.37	42.599	39.161
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

000281

low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-9.8258	6.6802
SDev	2.9588	.4798
%RSD	30.113	7.1820
#1	-13.239	7.2028
#2	-8.2563	6.5782
#3	-7.9825	6.2597
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11886	--	--	--	--	--	--
SDev	45.56680	--	--	--	--	--	--
%RSD	.3833545	--	--	--	--	--	--
#1	11835	--	--	--	--	--	--
#2	11922	--	--	--	--	--	--
	11902	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623902S Operator:
Run Time: 07/01/96 11:13:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	53.027	21498.	44.908	1982.8	2162.9	49.158	24839.
SDev	.292	98.	2.247	9.6	9.7	.220	155.
%RSD	.55005	.45534	5.0045	.48230	.44649	.44669	.62210
#1	53.339	21587.	45.368	1990.2	2172.9	49.338	24967.
#2	52.979	21514.	46.889	1986.2	2162.1	49.222	24883.
#3	52.761	21393.	42.466	1972.0	2153.6	48.913	24667.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	47.142	481.94	221.29	291.11	32067.	23949.	21499.
SDev	.508	3.15	1.63	1.93	188.	83.	145.
%RSD	1.0775	.65429	.73610	.66425	.58781	.34582	.67406
#1	47.723	483.95	222.59	292.96	32235.	24044.	21619.
#2	46.925	483.57	221.81	291.28	32102.	23907.	21541.
	46.779	478.30	219.46	289.10	31863.	23895.	21338.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	3044.3	1931.7	17087.	492.21	69.260	9.7819	341.87
SDev	18.8	9.2	18.	4.66	1.573	.8590	4.97
%RSD	.61733	.47689	.10581	.94643	2.2713	8.7815	1.4551
#1	3060.7	1941.1	17106.	497.19	68.459	9.4636	347.45
#2	3048.3	1931.3	17086.	491.47	71.072	10.755	340.27
#3	3023.8	1922.7	17070.	487.96	68.249	9.1275	337.89
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1951.4	2431.6	37.604	543.64	622.57	74.242	66.772
SDev	15.1	14.9	4.177	3.60	2.69	2.223	1.984
%RSD	.77406	.61170	11.108	.66154	.43273	2.9940	2.9719
	1963.0	2445.0	33.123	546.82	624.87	75.555	64.916
#2	1956.9	2434.2	38.299	544.36	623.24	75.496	[illegible]
#3	1934.4	2415.6	41.390	539.74	619.61	71.676	[illegible]
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

000286

W			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	1.4913	13.921
SDev	3.2355	2.689
%RSD	216.96	19.314
#1	-.14077	14.259
#2	-.60312	16.425
#3	5.2178	11.079
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11917	--	--	--	--	--	--
SDev	89.57864	--	--	--	--	--	--
%RSD	.7516668	--	--	--	--	--	--
#1	11830	--	--	--	--	--	--
#2	11913	--	--	--	--	--	--
#3	12009	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623902L Operator:
Run Time: 07/01/96 11:19:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.20394	2893.6	3.2638	90.024	38.376	.43888	794.51
SDev	.15296	4.8	4.6289	3.196	.104	.02641	1.97
%RSD	75.003	.16682	141.82	3.5497	.27190	6.0172	.24781
#1	-.32663	2891.9	-.24152	86.410	38.383	.45818	793.05
#2	-.25262	2889.8	1.5220	92.478	38.269	.44968	793.73
#3	-.03256	2899.0	8.5109	91.184	38.477	.40879	796.75
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.12177	2.4121	5.1029	6.0243	5615.4	267.70	524.01
SDev	.12961	.4288	.1872	.0830	21.0	6.07	2.47
%RSD	106.44	17.775	3.6681	1.3772	.37363	2.2669	.47070
#1	-.19760	2.4656	5.2818	6.0675	5623.8	260.71	523.45
#2	-.19560	2.8116	4.9084	6.0768	5591.6	271.61	521.87
#3	.02788	1.9591	5.1187	5.9287	5630.9	270.78	526.71
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	453.59	1.9538	588.51	3.3150	8.7005	.14678	-.64396
SDev	1.18	1.2996	65.44	.5331	.8745	.68448	.83571
%RSD	.25989	66.516	11.120	16.081	10.051	466.31	129.78
#1	453.61	3.4544	515.50	3.9188	9.5212	-.28237	.12901
#2	452.40	1.1998	641.89	2.9095	8.7996	-.21342	-.53015
#3	454.76	1.2071	608.13	3.1166	7.7806	.93615	-1.5307
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	3.2100	85.239	-3.0678	8.6519	29.701	8.5685	8.7664
SDev	.8646	.318	.3606	.2996	.177	.6488	1.3699
%RSD	26.935	.37339	11.754	3.4630	.59752	7.5724	15.627
#1	2.4488	85.173	-3.0074	8.4576	29.790	8.9664	9.7983
#2	4.1500	84.959	-2.7411	8.9970	29.817	7.8198	9.2888
#3	3.0311	85.585	-3.4547	8.5012	29.497	8.9194	8.2021
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

N			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-.72355	.58130
SDev	1.92405	1.8611
%RSD	265.92	320.16
#1	1.4108	-1.1277
#2	-1.2567	.30745
#3	-2.3248	2.5642
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12165	--	--	--	--	--	--
SDev	31.57531	--	--	--	--	--	--
%RSD	.2595586	--	--	--	--	--	--
#1	12188	--	--	--	--	--	--
#2	12178	--	--	--	--	--	--
#3	12129	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623904 Operator:
Run Time: 07/01/96 11:25:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	12.635	27496.	12.396	109.77	257.98	.52445	260100.
SDev	.222	50.	3.089	2.75	.43	.04175	406.
%RSD	1.7543	.18060	24.922	2.5089	.16796	7.9608	.15604
#1	12.634	27453.	12.514	109.15	257.52	.54043	259770.
#2	12.857	27550.	15.425	107.38	258.38	.47707	260550.
#3	12.414	27484.	9.2498	112.78	258.03	.55585	259970.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2.7611	24.213	155.47	915.42	60689.	1407.9	47740.
SDev	.2946	.234	.48	2.28	107.	4.4	64.
%RSD	10.669	.96645	.30785	.24907	.17699	.30905	.13474
#1	3.1011	24.270	155.04	913.22	60595.	1403.6	47674.
#2	2.5986	24.413	155.99	917.77	60806.	1412.3	47802.
	2.5835	23.956	155.39	915.27	60667.	1407.8	47744.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1038.7	4.5102	-99.575	341.69	399.79	-.68314	1.3005
SDev	1.4	.7463	44.640	1.03	1.92	3.22694	1.4267
%RSD	.13447	16.546	44.830	.30286	.47951	472.37	109.71
#1	1037.5	5.1620	-142.03	340.49	398.97	2.9467	1.5492
#2	1040.2	4.6725	-53.034	342.29	401.98	-1.7690	2.5865
#3	1038.5	3.6962	-103.66	342.28	398.41	-3.2271	-.23427
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	101.46	1070.4	.68614	58.058	852.45	404.80	397.29
SDev	2.30	2.4	2.4740	.415	1.48	4.53	1.82
%RSD	2.2647	.22283	360.57	.71503	.17366	1.1183	.45808
	101.50	1068.7	3.5420	58.206	850.84	406.39	395.27
#2	103.74	1073.1	-.68242	58.379	852.76	408.31	398.81
#3	99.143	1069.3	-.80119	57.590	853.76	399.69	397.77
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

ɔw			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-8.8874	3.4128
SDev	2.8255	6.2393
%RSD	31.792	182.82
#1	-12.134	10.476
#2	-7.5389	1.1116
#3	-6.9887	-1.3491
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11467	--	--	--	--	--	--
SDev	32.31615	--	--	--	--	--	--
%RSD	.2818105	--	--	--	--	--	--
#1	11440	--	--	--	--	--	--
#2	11459	--	--	--	--	--	--
#3	11503	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623905 Operator:
Run Time: 07/01/96 11:31:07
Comment:
Mode: CONC Corr. Factor: 1

see NR at dilution for Fe, Na, Pb

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	28.609	51397.	131.55	145.26	3111.6	.24935	33416.
SDev	.282	112.	3.16	1.14	12.6	.03693	50.
%RSD	.98603	.21697	2.4028	.78718	.40564	14.811	.14993
#1	28.386	51521.	133.51	146.46	3124.7	.21509	33473.
#2	28.516	51366.	133.23	144.19	3110.4	.28847	33378.
#3	28.926	51305.	127.90	145.13	3099.6	.24449	33398.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	33.959	101.37	313.28	2608.9	H756980.	1457.8	4602.6
SDev	.283	.61	.67	8.6	1637.	7.9	10.4
%RSD	.83407	.60661	.21453	.32914	.21623	.54302	.22680
#1	34.056	102.01	313.39	2617.5	H758840.	1466.6	4614.4
#2	33.640	101.29	312.56	2608.9	H756300.	1455.8	4594.6
#3	34.181	100.79	313.89	2600.4	H755790.	1451.1	4598.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	8345.8	61.089	L-11269.	334.24	H19630.	24.663	52.414
SDev	19.0	.987	51.	2.10	58.	4.576	3.983
%RSD	.22777	1.6158	.45199	.62773	.29331	18.556	7.5987
#1	8367.1	60.736	L-11316.	336.63	H19696.	27.760	49.321
#2	8339.5	62.204	L-11274.	333.40	H19593.	19.407	56.908
#3	8330.7	60.327	L-11215.	332.69	H19600.	26.824	51.012
Errors	LC Pass	NOCHECK	LC Low	LC Pass	LC High	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	3197.4	675.36	45.623	47.438	10663.	19627.	19631.
SDev	7.5	1.43	2.343	.480	18.	106.	37.
%RSD	.23403	.21238	5.1349	1.0129	.17236	.53790	.18919
#1	3204.1	676.77	43.266	46.967	10683.	19744.	19682.
#2	3198.7	675.40	47.952	47.927	10648.	19538.	19621.
#3	3189.4	673.90	45.650	47.419	10658.	19599.	19600.
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

000282

[illegible]			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	17.843	28.069
SDev	4.562	5.186
%RSD	25.569	18.477
#1	22.842	30.215
#2	13.904	22.154
#3	16.782	31.837
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11528	--	--	--	--	--	--
SDev	45.96738	--	--	--	--	--	--
%RSD	.3987455	--	--	--	--	--	--
#1	11475	--	--	--	--	--	--
#2	11557	--	--	--	--	--	--
	11552	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623906 Operator:
P Time: 07/01/96 11:36:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	15.569	35208.	34.673	90.466	909.60	.99724	23249.
SDev	.024	6.	.580	1.948	.41	.11006	14.
%RSD	.15563	.01841	1.6732	2.1532	.04486	11.036	.06103
#1	15.574	35201.	34.031	91.739	909.88	.88362	23233.
#2	15.591	35211.	34.828	88.224	909.78	1.0048	23258.
#3	15.543	35212.	35.160	91.436	909.13	1.1033	23256.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	21.331	74.703	160.20	1581.0	348320.	1230.0	4385.7
SDev	.535	.895	.37	2.1	153.	8.3	1.9
%RSD	2.5103	1.1975	.23156	.13321	.04396	.67176	.04402
#1	21.620	75.082	160.56	1583.4	348380.	1239.3	4386.5
#2	21.660	73.681	160.24	1580.4	348430.	1227.1	4387.0
	20.713	75.346	159.82	1579.3	348150.	1223.5	4383.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	3755.9	32.735	-4912.6	216.31	3210.2	15.555	6.3639
SDev	1.3	.833	21.0	.79	6.9	2.801	.9825
%RSD	.03380	2.5438	.42738	.36449	.21493	18.009	15.439
#1	3756.3	33.685	-4936.6	215.58	3216.9	15.829	6.2241
#2	3757.0	32.130	-4897.8	217.14	3210.5	12.626	5.4588
#3	3754.5	32.390	-4903.3	216.21	3203.2	18.209	7.4088
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	887.96	683.65	11.366	69.421	5107.3	3219.4	3205.6
SDev	4.77	1.12	1.078	.466	1.4	5.9	8.0
%RSD	.53713	.16395	9.4822	.67141	.02741	.18234	.24875
	882.66	683.68	11.094	69.927	5108.7	3222.4	3214.2
#2	889.32	684.76	10.450	69.009	5107.4	3223.1	3204.3
#3	891.91	682.52	12.553	69.327	5105.9	3212.6	3198.4
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

000284

' ɔw			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	2.4310	22.107
SDev	1.4187	3.708
%RSD	58.362	16.774
#1	1.4315	23.017
#2	1.8066	18.028
#3	4.0548	25.275
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11766	--	--	--	--	--	--
SDev	63.31930	--	--	--	--	--	--
%RSD	.5381396	--	--	--	--	--	--
#1	11707	--	--	--	--	--	--
#2	11759	--	--	--	--	--	--
	11833	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623907 Operator:
Run Time: 07/01/96 11:42:35
Comment:
Mode: CONC Corr. Factor: 1

see RR at dil. for Fe, Na

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	12.221	31789.	72.606	115.05	1073.1	1.0364	34222.
SDev	.115	45.	3.009	1.84	1.8	.0891	19.
%RSD	.93701	.14052	4.1442	1.6025	.16793	8.5989	.05661
#1	12.207	31836.	69.582	114.64	1074.5	.93619	34243.
#2	12.114	31748.	72.637	113.45	1071.1	1.0661	34221.
#3	12.342	31784.	75.600	117.07	1073.7	1.1068	34204.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	19.244	106.39	207.16	2116.2	H647040.	1162.4	4177.9
SDev	.291	.77	.34	3.6	502.	1.6	3.4
%RSD	1.5113	.72322	.16317	.16843	.07754	.13534	.08243
#1	19.579	106.52	207.52	2119.3	H647620.	1160.7	4174.6
#2	19.089	107.08	206.85	2112.3	H646730.	1163.8	4181.5
	19.064	105.56	207.12	2117.1	H646770.	1162.7	4177.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	4632.9	30.304	L-7753.1	278.05	4309.1	23.995	13.613
SDev	3.3	.339	105.2	.34	3.6	3.560	2.268
%RSD	.07088	1.1175	1.3563	.12056	.08338	14.838	16.664
#1	4636.3	30.687	L-7871.4	277.73	4310.5	24.771	16.072
#2	4629.7	30.178	L-7717.9	278.40	4311.7	20.110	11.602
#3	4632.8	30.046	L-7670.1	278.04	4305.0	27.103	13.164
Errors	LC Pass	NOCHECK	LC Low	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1036.9	871.73	37.948	78.594	7409.9	4315.5	4305.9
SDev	4.4	.59	2.433	.476	4.5	10.0	3.7
%RSD	.42613	.06766	6.4102	.60557	.06092	.23141	.08655
	1041.1	872.42	39.648	78.723	7415.1	4325.6	4302.9
#2	1037.3	871.38	35.161	78.067	7407.4	4315.1	4310.1
#3	1032.3	871.41	39.034	78.993	7407.2	4305.7	4301.6
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

W			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	9.9153	31.024
SDev	8.1097	2.953
%RSD	81.790	9.5191
#1	6.3586	33.964
#2	4.1917	28.058
#3	19.196	31.051
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11802	--	--	--	--	--	--
SDev	34.99048	--	--	--	--	--	--
%RSD	.2964876	--	--	--	--	--	--
#1	11774	--	--	--	--	--	--
#2	11790	--	--	--	--	--	--
#3	11841	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCV-1-3 Operator:
Time: 07/01/96 11:48:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	509.17	9367.9	506.63	5124.2	484.15	489.51	100120.
SDev	3.25	39.5	9.66	30.7	2.44	2.80	553.
%RSD	.63911	.42115	1.9066	.59975	.50408	.57199	.55195
#1	512.65	9404.7	501.12	5149.9	486.52	492.55	100720.
#2	506.20	9326.2	500.97	5090.1	481.65	487.04	99636.
#3	508.67	9372.9	517.78	5132.5	484.28	488.94	100010.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	465.95	483.80	476.76	497.47	97047.	97481.	92877.
SDev	2.39	2.64	2.86	2.08	482.	382.	552.
%RSD	.51381	.54478	.59968	.41806	.49618	.39201	.59395
#1	468.32	486.75	480.00	499.60	97567.	97844.	93474.
#2	463.54	481.67	474.61	495.44	96616.	97083.	92386.
#3	465.99	482.99	475.66	497.36	96957.	97516.	92771.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	482.00	479.91	92895.	475.13	476.66	506.33	492.99
SDev	2.20	3.21	537.	1.85	.33	1.15	5.88
%RSD	.45620	.66961	.57854	.39007	.07002	.22758	1.1937
#1	484.27	480.28	93408.	477.12	476.86	505.39	498.98
#2	479.88	476.52	92336.	473.45	476.27	507.62	487.22
#3	481.85	482.92	92941.	474.84	476.84	505.99	492.77
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	495.45	10408.	460.61	496.44	466.36	481.76	474.11
SDev	6.25	55.	6.68	2.54	3.06	2.84	1.45
%RSD	1.2623	.53058	1.4513	.51153	.65609	.58974	.30561
#1	502.65	10468.	456.58	499.16	469.88	484.73	472.93
#2	492.35	10359.	456.92	494.14	464.38	481.47	474.68
#3	491.36	10399.	468.33	496.03	464.81	479.07	475.72
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000	550.00	550.00	550.00		

ıw	450.00	9000.0	450.00	450.00	450.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	506.62	506.19
SDev	7.20	4.03
%RSD	1.4219	.79639
#1	512.65	501.77
#2	508.56	507.15
#3	498.65	509.66
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12036	--	--	--	--	--	--
SDev	41.58125	--	--	--	--	--	--
%RSD	.3454739	--	--	--	--	--	--
#1	11996	--	--	--	--	--	--
"2	12079	--	--	--	--	--	--
	12033	--	--	--	--	--	--

w			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-1.2044	.01648
SDev	1.8900	5.4604
%RSD	156.92	33134.
#1	.90912	6.1610
#2	-2.7320	-1.8309
#3	-1.7903	-4.2807
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12130	--	--	--	--	--	--
SDev	42.14262	--	--	--	--	--	--
%RSD	.3474247	--	--	--	--	--	--
#1	12174	--	--	--	--	--	--
#2	12126	--	--	--	--	--	--
	12090	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623910 Operator:
Time: 07/01/96 11:59:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.54690	41889.	6.8070	78.907	211.27	1.8346	5125.9
SDev	.19661	75.	.8971	1.703	.34	.0654	10.8
%RSD	35.950	.17956	13.180	2.1583	.16258	3.5672	.21018
#1	-.66562	41803.	6.6136	77.546	210.88	1.8517	5113.6
#2	-.31995	41944.	7.7851	80.817	211.51	1.7623	5130.7
#3	-.65512	41919.	6.0224	78.358	211.43	1.8898	5133.5
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.83638	12.415	68.925	30.915	66551.	1961.0	5323.6
SDev	.23829	.156	.149	.176	145.	1.1	8.1
%RSD	28.490	1.2597	.21630	.56924	.21816	.05674	.15203
#1	-.59427	12.273	68.838	30.904	66385.	1962.1	5316.8
	-.84421	12.582	68.839	31.096	66655.	1959.9	5332.6
	-1.0707	12.390	69.097	30.744	66613.	1961.1	5321.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	121.14	-.00695	714.34	26.320	46.386	1.8636	.13862
SDev	.13	.25841	14.03	.461	1.009	2.7181	1.0201
%RSD	.10969	3716.4	1.9647	1.7523	2.1748	145.85	735.91
#1	120.99	-.15554	714.23	26.109	47.345	1.6306	1.2525
#2	121.19	-.15675	728.44	26.849	45.334	4.6907	-.08649
#3	121.24	.29143	700.37	26.002	46.479	-.73047	-.75016
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	9.0228	887.30	-1.2377	142.14	98.012	51.576	43.795
SDev	2.6662	1.85	3.7124	.88	.572	.622	1.650
%RSD	29.550	.20843	299.95	.61994	.58397	1.2066	3.7675
#1	8.1023	885.41	.72822	141.17	97.359	50.983	45.529
#2	12.027	887.39	1.0784	142.89	98.426	51.522	42.245
#3	6.9388	889.11	-5.5196	142.37	98.252	52.224	43.611
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

ow		-10.000	-50.000	-20.000	

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-4.0756	4.8287
SDev	2.8908	2.7141
%RSD	70.929	56.207
#1	-3.4125	4.1483
#2	-1.5740	7.8183
#3	-7.2404	2.5196
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12224	--	--	--	--	--	--
SDev	27.22132	--	--	--	--	--	--
%RSD	.2226875	--	--	--	--	--	--
#1	12195	--	--	--	--	--	--
#2	12228	--	--	--	--	--	--
#3	12249	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0627801 . Operator:
n Time: 07/01/96 12:05:32
mment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.07811	35146.	18.636	150.96	713.69	1.6872	203680.
SDev	.32520	110.	1.771	1.04	3.60	.0452	950.
%RSD	416.32	.31239	9.5057	.69157	.50428	2.6800	.46660
#1	-.05258	35255.	19.953	150.16	716.92	1.6363	204570.
#2	.23357	35147.	19.333	150.58	714.33	1.7028	203800.
#3	-.41533	35035.	16.622	152.14	709.81	1.7226	202680.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	3.5916	22.532	63.285	115.63	91641.	5018.0	14624.
SDev	.1349	.389	.437	.44	410.	17.0	56.
%RSD	3.7572	1.7244	.68990	.37801	.44712	.33893	.38377
#1	3.5552	22.219	63.481	116.13	92031.	5033.8	14665.
#2	3.7411	22.409	63.590	115.43	91678.	5020.1	14647.
#3	3.4787	22.967	62.785	115.33	91214.	5000.0	14560.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	962.00	.78983	156.21	51.512	1098.5	6.2238	-1.8472
SDev	3.94	.00982	33.25	.629	4.3	2.0262	2.0938
%RSD	.40959	1.2432	21.284	1.2218	.39138	32.555	113.35
#1	965.60	.79986	181.61	52.217	1101.3	8.3095	-.01727
#2	962.62	.78939	118.58	51.009	1100.7	4.2628	-4.1305
#3	957.79	.78024	168.46	51.308	1093.6	6.0992	-1.3937
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	26.086	1991.4	-4.4792	101.11	911.42	1105.3	1095.1
SDev	2.175	8.3	2.6963	.21	1.89	6.7	3.3
%RSD	8.3365	.41522	60.196	.21073	.20715	.60843	.30077
#1	28.426	1999.2	-2.4249	101.03	912.89	1111.1	1096.4
#2	24.127	1992.4	-3.4801	101.36	912.07	1106.9	1097.6
#3	25.705	1982.7	-7.5324	100.95	909.29	1097.9	1091.4
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

W			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-4.8278	11.741
SDev	2.8949	4.299
%RSD	59.964	36.610
#1	-6.3810	15.644
#2	-1.4877	7.1338
#3	-6.6147	12.447
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11816	--	--	--	--	--	--
SDev	83.05019	--	--	--	--	--	--
%RSD	.7028819	--	--	--	--	--	--
#1	11731	--	--	--	--	--	--
#2	11819	--	--	--	--	--	--
#3	11897	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0627803 Operator:
Run Time: 07/01/96 12:45:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.26076	9252.4	14.352	83.051	138.10	.50088	17094.
SDev	.50932	16.0	2.341	.696	.37	.11807	37.
%RSD	195.32	.17338	16.311	.83828	.27079	23.573	.21523
#1	-.01935	9254.5	16.879	82.505	137.82	.41102	17077.
#2	.84865	9235.4	13.920	83.835	137.96	.45702	17136.
#3	-.04702	9267.3	12.257	82.813	138.53	.63461	17069.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-3.9315	24.587	147.11	322.02	H508380.	1679.6	4515.2
SDev	.2866	.268	.17	.67	652.	3.5	8.5
%RSD	7.2908	1.0918	.11688	.20746	.12835	.20870	.18755
#1	-3.6712	24.289	147.21	322.48	H507780.	1683.7	4507.0
#2	-4.2387	24.810	146.91	321.25	H509080.	1677.6	4523.9
#3	-3.8847	24.663	147.21	322.31	H508270.	1677.7	4514.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1919.4	30.522	603.67	198.83	24.197	16.498	-3.4546
SDev	2.4	.157	76.76	1.34	.793	5.859	3.1032
%RSD	.12327	.51594	12.716	.67311	3.2754	35.512	89.829
#1	1917.0	30.442	529.87	197.35	24.899	15.893	-6.7413
#2	1921.7	30.420	683.09	199.95	23.338	10.966	-.57500
#3	1919.6	30.703	598.06	199.19	24.354	22.637	-3.0476
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	25.316	635.25	25.588	30.438	98.748	30.216	21.193
SDev	.824	.35	3.798	.693	.775	3.010	.481
%RSD	3.2563	.05554	14.841	2.2782	.78512	9.9607	2.2686
#1	24.397	635.29	29.097	30.578	98.694	32.182	21.263
#2	25.559	635.59	21.556	31.050	99.549	26.751	21.634
#3	25.991	634.88	26.111	29.685	98.001	31.714	20.680
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	7.5822	20.950
SDev	3.4314	8.235
%RSD	45.256	39.308
#1	11.040	18.316
#2	4.1784	14.354
#3	7.5276	30.180
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11719	--	--	--	--	--	--
SDev	42.91076	--	--	--	--	--	--
%RSD	.3661744	--	--	--	--	--	--
#1	11690	--	--	--	--	--	--
#2	11698	--	--	--	--	--	--
#3	11768	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0627804 Operator:
Run Time: 07/01/96 12:51:31
Comment:
Type: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.18996	20390.	.15696	65.074	35.207	-.29626	4152.8
SDev	.11093	78.	2.7287	.504	.053	.07362	4.5
%RSD	58.398	.38418	1738.4	.77524	.15037	24.850	.10878
#1	-.28016	20480.	3.0489	64.566	35.267	-.34351	4154.9
#2	-.06609	20349.	-2.3723	65.081	35.184	-.33384	4147.6
#3	-.22362	20340.	-.20570	65.575	35.169	-.21144	4155.8
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	L-5.3118	31.363	130.58	112.21	340580.	629.61	512.57
SDev	.1449	.293	.07	.51	653.	13.19	1.79
%RSD	2.7283	.93580	.05012	.45036	.19161	2.0953	.34902
#1	L-5.3435	31.477	130.51	112.38	341220.	638.13	510.75
#2	L-5.1537	31.583	130.64	111.63	339920.	636.28	512.62
#3	L-5.4383	31.030	130.59	112.60	340600.	614.41	514.33
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1191.6	11.711	6.5381	87.706	12.542	13.590	-2.8384
SDev	2.3	1.315	22.335	1.079	.846	3.117	.7323
%RSD	.19147	11.228	341.62	1.2299	6.7417	22.938	25.801
#1	1194.2	13.204	-19.227	88.041	12.073	12.915	-2.2293
#2	1189.9	11.203	18.432	86.499	12.035	10.866	-3.6509
#3	1190.6	10.725	20.410	88.577	13.518	16.989	-2.6349
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	49.117	11297.	9.5812	12.153	109.41	20.780	8.4292
SDev	2.311	33.	3.6879	.661	.91	2.336	1.9739
%RSD	4.7051	.29409	38.491	5.4356	.83257	11.242	23.418
#1	51.576	11336.	13.837	11.710	109.41	18.941	8.6440
#2	48.787	11279.	7.3147	11.838	108.50	23.408	6.3566
#3	46.989	11277.	7.5923	12.912	110.32	19.990	10.287
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	1.8693	19.441
SDev	2.3718	5.605
%RSD	126.88	28.830
#1	.43432	19.145
#2	4.6069	13.990
#3	.56659	25.188
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11612	--	--	--	--	--	--
SDev	55.77036	--	--	--	--	--	--
%RSD	.4802684	--	--	--	--	--	--
#1	11548	--	--	--	--	--	--
#2	11642	--	--	--	--	--	--
#3	11647	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0627805 Operator:
Run Time: 07/01/96 12:57:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.25652	2228.8	8.8398	80.864	336.22	-.03030	17409.
SDev	.30986	5.0	2.1202	1.319	.78	.04469	56.
%RSD	120.79	.22387	23.985	1.6316	.23115	147.47	.31926
#1	-.14272	2234.2	10.797	79.951	337.08	-.08079	17446.
#2	-.60719	2224.3	9.1345	82.377	335.58	.00418	17346.
#3	-.01965	2227.9	6.5877	80.264	336.00	-.01430	17436.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-1.0435	4.8448	20.801	41.006	92400.	192.06	2569.8
SDev	.1357	.4221	.418	.375	251.	8.67	6.9
%RSD	13.008	8.7116	2.0079	.91334	.27175	4.5160	.26973
#1	-.88711	5.0948	20.718	41.315	92569.	201.48	2571.7
#2	-1.1129	4.3575	20.432	41.115	92111.	184.40	2562.1
#3	-1.1306	5.0821	21.254	40.589	92519.	190.31	2575.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	282.57	1.7474	499.85	12.779	13.592	2.1029	-.00144
SDev	.61	.4757	122.84	.631	.493	.4105	1.69692
%RSD	.21628	27.226	24.575	4.9348	3.6255	19.522	118170.
#1	283.12	2.2238	580.66	13.507	13.980	2.1866	-.80638
#2	281.91	1.2723	358.50	12.406	13.759	2.4651	-1.1461
#3	282.67	1.7460	560.40	12.424	13.038	1.6570	1.9482
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	6.3118	314.39	-1.0330	4.6159	172.34	14.845	12.967
SDev	2.7350	.76	1.3977	.5524	2.02	2.866	1.447
%RSD	43.331	.24038	135.31	11.968	1.1702	19.308	11.161
#1	7.9015	315.21	-1.7718	4.6285	174.45	17.731	12.108
	3.1538	313.71	-1.9062	4.0573	170.44	11.999	14.638
	7.8802	314.25	.57908	5.1620	172.13	14.805	12.155
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-9.5490	7.9201
SDev	5.0910	3.1339
%RSD	53.314	39.568
#1	-8.7884	7.6658
#2	-14.977	11.173
#3	-4.8811	4.9212
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11685	--	--	--	--	--	--
SDev	25.16612	--	--	--	--	--	--
%RSD	.2153773	--	--	--	--	--	--
#1	11658	--	--	--	--	--	--
#2	11708	--	--	--	--	--	--
#3	11688	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0627806 Operator:
Run Time: 07/01/96 13:07:23
Comment:
Type: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.15833	226.06	5.4063	87.485	1.4524	-.39474	245.81
SDev	.06371	.24	2.1201	1.926	.0101	.03672	1.61
%RSD	40.240	.10580	39.216	2.2010	.69634	9.3036	.65339
#1	-.14304	226.26	6.8774	89.535	1.4627	-.39573	245.99
#2	-.22830	226.12	2.9761	87.206	1.4521	-.43095	247.31
#3	-.10365	225.80	6.3654	85.715	1.4425	-.35753	244.12
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.26400	-.48091	5.4087	14.528	21879.	95.703	40.366
SDev	.23741	.18085	.1244	.255	83.	4.128	2.485
%RSD	89.929	37.605	2.2991	1.7523	.37998	4.3139	6.1549
#1	-.02494	-.48015	5.3366	14.236	21798.	99.312	41.734
#2	-.26733	-.66213	5.5523	14.705	21964.	96.596	41.867
#3	-.49973	-.30044	5.3371	14.643	21873.	91.201	37.499
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	14.203	.18086	701.93	.06758	1.5513	8.2059	.59749
SDev	.185	.27324	21.15	.32331	1.5533	2.5560	1.5642
%RSD	1.3043	151.08	3.0125	478.39	100.12	31.148	261.80
#1	14.095	.33711	695.00	-.21203	3.1750	10.320	.71242
#2	14.417	.34012	685.13	-.00683	1.3995	8.9328	2.1011
#3	14.097	-.13464	725.68	.42161	.07959	5.3652	-1.0210
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	12.850	3.2928	-5.7572	.33669	13.244	5.3803	-.36027
SDev	2.103	.3894	3.3508	.31926	.285	1.8092	1.42687
%RSD	16.369	11.827	58.203	94.823	2.1528	33.625	396.05
	10.861	3.7333	-9.2799	-.03196	13.383	7.2319	1.1496
	15.052	3.1508	-5.3819	.52195	13.432	5.2922	-.54398
#3	12.637	2.9942	-2.6098	.52006	12.916	3.6169	-1.6864
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	1.9074	11.350
SDev	2.8285	2.860
%RSD	148.30	25.201
#1	5.1557	12.898
#2	.57819	13.104
#3	-.01175	8.0497
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11643	--	--	--	--	--	--
SDev	21.07922	--	--	--	--	--	--
%RSD	.1810411	--	--	--	--	--	--
#1	11656	--	--	--	--	--	--
#2	11619	--	--	--	--	--	--
#3	11655	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0627807 Operator:
Run Time: 07/01/96 13:13:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.03230	11743.	4.8847	81.610	81.977	-.07652	92822.
SDev	.54086	61.	2.3210	.902	.446	.00089	358.
%RSD	1674.3	.52215	47.515	1.1047	.54444	1.1696	.38545
#1	.41056	11678.	3.4456	82.227	81.553	-.07560	92409.
#2	-.63510	11799.	3.6463	80.575	82.443	-.07658	93019.
#3	.12763	11753.	7.5622	82.026	81.935	-.07738	93037.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.62958	12.709	88.672	82.344	13851.	1234.4	34397.
SDev	.13764	.133	.239	.409	55.	4.1	169.
%RSD	21.863	1.0469	.26999	.49619	.39644	.33521	.49259
#1	.70680	12.842	88.468	81.877	13788.	1239.0	34202.
#2	.71126	12.575	88.936	82.634	13887.	1233.3	34502.
#3	.47066	12.711	88.613	82.520	13878.	1230.9	34487.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	421.83	.81429	624.12	275.38	69.700	4.6916	-.33025
SDev	1.75	.00532	81.66	2.11	1.143	3.4612	2.56371
%RSD	.41397	.65367	13.083	.76487	1.6398	73.773	776.29
#1	419.82	.80891	697.49	273.01	68.464	7.9918	-1.2528
#2	422.98	.81955	536.15	276.11	69.919	1.0892	-2.3050
#3	422.69	.81440	638.72	277.03	70.718	4.9939	2.5671
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	11.697	579.55	-8.1183	111.22	129.28	72.849	68.128
SDev	.939	3.04	1.2437	.21	.56	1.370	2.353
%RSD	8.0260	.52509	15.320	.18883	.43277	1.8804	3.4541
#1	11.453	576.22	-7.6919	111.17	128.94	73.969	65.715
#2	12.734	582.19	-9.5191	111.45	129.92	73.257	68.252
#3	10.905	580.24	-7.1437	111.05	128.98	71.322	70.417
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-1.2997	7.6828
SDev	7.1789	2.1380
%RSD	552.33	27.828
#1	6.6887	8.6423
#2	-7.2110	5.2331
#3	-3.3769	9.1730
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11612	--	--	--	--	--	--
SDev	43.50862	--	--	--	--	--	--
%RSD	.3746867	--	--	--	--	--	--
#1	11656	--	--	--	--	--	--
#2	11569	--	--	--	--	--	--
#3	11611	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0627808 Operator:
Run Time: 07/01/96 13:18:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.33055	6523.6	1.7895	90.403	40.968	-.16522	35841.
SDev	.14951	15.7	1.5528	1.258	.162	.03177	68.
%RSD	45.230	.24099	86.770	1.3920	.39563	19.232	.18904
#1	.22904	6515.7	2.9776	90.452	40.864	-.14420	35773.
#2	.50224	6513.4	.03253	89.121	40.885	-.14968	35841.
#3	.26038	6541.7	2.3584	91.636	41.155	-.20178	35908.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.58666	5.7690	40.112	63.449	6763.5	759.98	13400.
SDev	.27139	.1924	.232	.168	11.4	6.68	35.
%RSD	46.260	3.3347	.57814	.26452	.16890	.87920	.25950
#1	.43007	5.7575	39.969	63.281	6753.0	767.20	13367.
#2	.42987	5.5826	40.380	63.617	6761.9	754.02	13395.
#3	.90003	5.9668	39.988	63.449	6775.7	758.70	13437.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	299.74	.48518	697.12	157.91	53.309	4.9110	.25834
SDev	.74	.27366	6.19	.69	.570	2.6207	3.1438
%RSD	.24547	56.405	.88850	.43685	1.0688	53.363	1216.9
#1	299.02	.32694	692.87	157.11	52.694	7.8503	3.6876
#2	299.72	.32742	704.22	158.24	53.416	2.8180	-.42497
#3	300.49	.80118	694.25	158.37	53.819	4.0647	-2.4876
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	8.6115	293.67	-6.6623	74.706	89.834	54.898	52.516
SDev	1.4729	.74	3.0439	.256	.286	1.426	1.332
%RSD	17.104	.25043	45.688	.34233	.31844	2.5967	2.5368
#1	7.2283	292.85	-3.5360	74.834	89.655	56.102	50.992
	10.160	293.88	-6.8344	74.672	90.164	53.324	53.461
	8.4461	294.28	-9.6165	74.411	89.684	55.269	53.095
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-6.9530	10.834
SDev	5.6557	1.749
%RSD	81.342	16.139
#1	-1.7531	12.645
#2	-12.975	10.703
#3	-6.1313	9.1551
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11760	--	--	--	--	--	--
SDev	34.77068	--	--	--	--	--	--
%RSD	.2956690	--	--	--	--	--	--
#1	11783	--	--	--	--	--	--
#2	11777	--	--	--	--	--	--
#3	11720	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0627809 Operator:
Run Time: 07/01/96 13:24:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.16349	35977.	17.563	131.50	306.79	1.4169	470990.
SDev	.11090	65.	2.667	1.06	.69	.0242	1012.
%RSD	67.830	.18037	15.183	.80255	.22622	1.7110	.21480
#1	.07697	35987.	20.539	130.46	307.09	1.3889	472030.
#2	.28850	35908.	16.761	131.46	306.00	1.4321	470010.
#3	.12500	36036.	15.390	132.57	307.29	1.4297	470920.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.90083	45.854	271.88	390.88	40125.	1821.2	126220.
SDev	.28437	.950	.34	.88	25.	8.3	234.
%RSD	31.567	2.0717	.12643	.22494	.06316	.45456	.18563
#1	1.0714	46.861	272.17	391.74	40148.	1830.7	126440.
#2	1.0585	44.974	271.50	389.98	40097.	1816.1	125970.
#3	.57256	45.727	271.98	390.92	40129.	1816.6	126260.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1122.2	1.5047	642.69	696.77	169.46	2.7765	-1.7724
SDev	1.7	.2781	38.13	3.16	.66	1.4134	4.6659
%RSD	.15462	18.482	5.9324	.45306	.38704	50.905	263.25
#1	1123.3	1.3485	601.63	696.41	169.76	1.1636	1.9296
#2	1120.2	1.8257	649.45	693.81	169.92	3.3674	-7.0134
#3	1123.1	1.3398	676.98	700.09	168.71	3.7984	-.23348
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	19.378	1940.6	-5.2054	63.684	318.49	175.63	166.38
SDev	1.307	3.7	2.8618	.010	1.01	1.39	1.01
%RSD	6.7443	.18901	54.978	.01631	.31642	.79321	.60859
#1	20.458	1942.4	-2.9477	63.691	318.50	177.23	166.03
	19.751	1936.4	-8.4240	63.672	317.47	174.71	167.53
	17.926	1943.0	-4.2445	63.688	319.49	174.95	165.59
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

em	1960/1	1960/2
Units	ug/L	ug/L
Avge	-6.4291	7.3723
SDev	2.6242	1.5659
%RSD	40.818	21.240
#1	-8.7945	6.1351
#2	-3.6062	6.8490
#3	-6.8865	9.1329
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11286	--	--	--	--	--	--
SDev	29.77135	--	--	--	--	--	--
%RSD	.2637823	--	--	--	--	--	--
#1	11252	--	--	--	--	--	--
#2	11305	--	--	--	--	--	--
#3	11302	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623902A Operator:
Run Time: 07/01/96 13:30:22
Comment:
...le: CONC Corr. Factor: 1

For Sb, Mn, Pb

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.16317	13919.	7.1621	101.11	188.60	.82448	3862.0
SDev	.10310	47.	3.7395	1.25	.80	.03728	9.4
%RSD	63.186	.33742	52.212	1.2360	.42504	4.5216	.24221
#1	.27901	13916.	2.8675	99.673	188.72	.79468	3865.7
#2	.12906	13874.	9.6979	101.72	187.74	.86628	3851.4
#3	.08145	13967.	8.9209	101.94	189.33	.81248	3869.0
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.66038	12.882	26.790	33.249	27755.	1192.6	2547.0
SDev	.13270	.605	.343	.362	84.	5.0	10.1
%RSD	20.094	4.6965	1.2804	1.0882	.30298	.42138	.39518
#1	.73778	13.476	26.542	33.164	27765.	1198.2	2549.8
#2	.73620	12.904	26.646	32.936	27666.	1188.4	2535.8
#3	.50716	12.267	27.181	33.645	27833.	1191.4	2555.3
...rors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	6551.1	.62869	816.83	15.436	109.19	1.8489	108.09
SDev	20.3	.27008	24.60	.661	1.08	1.1524	2.84
%RSD	.30981	42.959	3.0116	4.2806	.99344	62.329	2.6247
#1	6550.5	.78316	788.65	15.994	108.13	.56810	111.20
#2	6531.2	.31683	827.83	14.706	109.14	2.1768	107.44
#3	6571.7	.78609	834.02	15.608	110.30	2.8019	105.64
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	6.0053	424.95	-2.4247	44.364	140.59	111.03	108.27
SDev	.9931	1.16	2.8852	.666	.25	1.81	.87
%RSD	16.537	.27340	118.99	1.5021	.17435	1.6270	.80709
...	6.5904	424.94	.18391	44.382	140.81	108.96	107.71
...	6.5670	423.80	-1.9345	43.689	140.33	111.77	107.82
#3	4.8587	426.12	-5.5237	45.021	140.65	112.34	108.28
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

000320

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-7.4349	6.4839
SDev	2.1161	1.1875
%RSD	28.461	18.314
#1	-9.6164	5.6527
#2	-5.3910	5.9551
#3	-7.2973	7.8439
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11877	--	--	--	--	--	--
SDev	32.78719	--	--	--	--	--	--
%RSD	.2760562	--	--	--	--	--	--
#1	11872	--	--	--	--	--	--
#2	11912	--	--	--	--	--	--
#3	11847	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCV-1-4 Operator:
Run Time: 07/01/96 13:36:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	483.55	9340.6	490.82	4909.3	461.68	485.09	99393.
SDev	.58	24.2	1.69	27.3	.68	1.46	308.
%RSD	.11898	.25917	.34384	.55536	.14694	.30022	.31007
#1	482.89	9313.4	489.54	4878.5	461.03	483.47	99047.
#2	483.81	9348.6	492.73	4919.1	462.38	485.51	99496.
#3	483.95	9359.8	490.20	4930.3	461.61	486.29	99637.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	464.43	467.91	451.67	491.65	97112.	95856.	93367.
SDev	1.53	1.87	1.82	1.17	306.	183.	290.
%RSD	.32979	.39976	.40192	.23754	.31467	.19052	.31013
#1	462.70	465.86	L449.59	490.31	96768.	95715.	93038.
#2	465.62	468.33	452.47	492.40	97218.	96062.	93481.
#3	464.98	469.53	452.95	492.25	97351.	95789.	93583.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	480.69	476.74	90529.	466.73	468.96	452.08	488.78
SDev	1.13	1.71	153.	1.88	.81	5.66	4.04
%RSD	.23586	.35766	.16873	.40281	.17224	1.2523	.82752
#1	479.44	476.11	90408.	465.53	468.49	L445.80	493.23
#2	481.00	475.44	90700.	465.76	469.89	456.78	487.80
#3	481.64	478.68	90478.	468.89	468.49	453.67	485.32
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	520.41	10243.	475.29	489.01	480.69	476.42	465.23
SDev	3.65	21.	3.06	.98	2.79	.73	1.42
%RSD	.70194	.20672	.64471	.20109	.58059	.15378	.30555
#1	517.41	10218.	475.76	487.88	477.52	475.98	464.74
	524.48	10253.	472.02	489.71	481.80	476.01	466.83
#3	519.36	10256.	478.10	489.43	482.77	477.27	464.21
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

000322

Low	450.00	9000.0	450.00	450.00	450.00

em	1960/1	1960/2
Units	ug/L	ug/L
Avge	452.69	451.78
SDev	6.51	5.27
%RSD	1.4377	1.1676
#1	445.27	446.06
#2	457.45	456.45
#3	455.35	452.82
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12139	--	--	--	--	--	--
SDev	9.712535	--	--	--	--	--	--
%RSD	.0800132	--	--	--	--	--	--
#1	12147	--	--	--	--	--	--
#2	12141	--	--	--	--	--	--
#3	12128	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCB-1-4 Operator:
Run Time: 07/01/96 13:41:51
Comment:
Type: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.20526	36.379	.97057	64.808	.21288	.43190	26.447
SDev	.36915	8.529	1.2766	4.538	.05564	.06586	6.625
%RSD	179.84	23.444	131.53	7.0020	26.136	15.248	25.049
#1	-.28865	27.292	1.7156	62.246	.15623	.46526	20.365
#2	-.52559	44.210	1.6997	70.047	.21496	.47441	25.470
#3	.19844	37.636	-.50351	62.131	.26745	.35604	33.506
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.22285	.00151	-.00183	.06785	21.080	38.689	13.023
SDev	.33790	.09736	.49612	.22623	11.058	10.284	5.184
%RSD	151.63	6465.3	27081.	333.42	52.458	26.582	39.808
#1	.59157	-.11091	.18017	-.07939	12.984	29.241	13.482
#2	-.07201	.05760	-.56325	-.04540	16.576	37.181	7.6242
#3	.14899	.05783	.37759	.32834	33.679	49.643	17.962
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.26045	.28883	483.98	.70100	-.51182	-1.9229	-1.5493
SDev	.15529	.77550	77.84	.59308	1.60180	1.1307	1.5729
%RSD	59.623	268.50	16.082	84.604	312.96	58.800	101.52
#1	.16996	.72195	455.71	.11614	-.17360	-1.3092	-.33581
#2	.17163	-.60648	424.23	1.3020	-2.2557	-3.2277	-.98578
#3	.43976	.75103	572.00	.68490	.89386	-1.2318	-3.3263
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-1.1180	1.3177	-3.0566	-.17929	2.6203	-1.7551	.10889
SDev	1.4029	.6248	.8680	.40238	.5268	2.2458	1.8394
%RSD	125.49	47.415	28.397	224.42	20.106	127.96	1689.2
#1	-2.6017	.88773	-3.2360	-.61712	2.8652	.44399	-.48194
#2	-.93931	1.0309	-3.8208	-.09507	2.0156	-4.0449	-1.3625
#3	.18703	2.0343	-2.1129	.17430	2.9802	-1.6645	2.1711
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

Low			-10.000	-50.000	-20.000

em	1960/1	1960/2
its	ug/L	ug/L
Avge	-2.5662	-1.6017
SDev	3.0425	3.1580
%RSD	118.56	197.16
#1	-2.9674	-.48130
#2	.65703	-5.1672
#3	-5.3882	.84323
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12304	--	--	--	--	--	--
SDev	136.6053	--	--	--	--	--	--
%RSD	1.110251	--	--	--	--	--	--
#1	12419	--	--	--	--	--	--
#2	12340	--	--	--	--	--	--
#3	12153	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623905 3X Operator:
Run Time: 07/01/96 13:51:00
Comment: For Fe, Na, Pb
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	8.6621	16271.	41.404	72.142	956.44	.25974	10838.
SDev	.1457	30.	6.884	4.311	2.72	.07796	11.
%RSD	1.6817	.18311	16.626	5.9764	.28422	30.015	.09710
#1	8.5032	16305.	41.431	67.782	959.51	.17821	10832.
#2	8.7894	16247.	48.275	72.240	955.48	.26747	10850.
#3	8.6938	16262.	34.507	76.403	954.33	.33355	10832.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	11.804	32.647	99.443	798.61	243110.	449.45	1503.0
SDev	.118	.124	.665	1.91	70.	5.06	1.5
%RSD	1.0038	.37901	.66878	.23874	.02883	1.1265	.10143
#1	11.904	32.514	99.145	800.80	243140.	443.85	1501.5
#2	11.673	32.759	100.21	797.34	243160.	450.77	1504.5
#3	11.835	32.669	98.979	797.69	243030.	453.71	1503.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2719.0	19.355	-3428.0	106.62	6365.2	8.6787	13.823
SDev	2.2	.319	60.8	1.07	5.0	3.4256	2.731
%RSD	.07966	1.6460	1.7747	1.0070	.07887	39.471	19.760
#1	2721.1	19.640	-3486.2	107.18	6361.4	12.633	10.717
#2	2719.2	19.011	-3364.8	107.30	6363.3	6.6350	14.901
#3	2716.8	19.412	-3432.9	105.38	6370.9	6.7677	15.850
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1025.1	213.06	11.878	14.713	3533.7	6397.0	6349.3
SDev	4.8	.62	1.588	.238	4.4	7.6	7.0
%RSD	.46993	.29079	13.368	1.6172	.12368	.11902	.10999
#1	1020.4	213.32	13.610	14.961	3529.2	6388.6	6347.8
	1024.9	213.50	10.492	14.486	3538.0	6403.5	6343.2
	1030.1	212.35	11.532	14.694	3533.7	6398.8	6356.9
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

am	1960/1	1960/2
Units	ug/L	ug/L
Avge	3.9864	11.021
SDev	3.4332	5.527
%RSD	86.122	50.145
#1	3.6328	17.127
#2	.74373	9.5762
#3	7.5827	6.3608
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12031	--	--	--	--	--	--
SDev	70.93894	--	--	--	--	--	--
%RSD	.5896509	--	--	--	--	--	--
#1	11951	--	--	--	--	--	--
#2	12054	--	--	--	--	--	--
#3	12087	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0623907 2X Operator:
Run Time: 07/01/96 13:56:46
Comment:
Mode: CONC Corr. Factor: 1

For Fe, Na

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	5.7671	15929.	35.582	96.243	525.39	.66302	17315.
SDev	.2036	61.	2.135	3.950	1.76	.02225	62.
%RSD	3.5311	.38204	6.0015	4.1046	.33476	3.3559	.35825
#1	6.0012	15860.	33.459	92.501	523.49	.67099	17246.
#2	5.6316	15976.	35.558	95.854	526.97	.63788	17364.
#3	5.6683	15952.	37.729	100.37	525.71	.68018	17336.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	10.575	53.419	103.61	1036.0	325830.	593.75	2130.2
SDev	.354	.351	.25	2.5	1069.	5.28	3.1
%RSD	3.3501	.65750	.24426	.23840	.32822	.88996	.14703
#1	10.279	53.308	103.33	1033.5	324670.	587.69	2126.8
#2	10.478	53.137	103.68	1038.4	326780.	597.39	2130.9
#3	10.967	53.813	103.83	1036.1	326030.	596.18	2132.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2339.5	15.406	-3733.0	139.96	2185.8	15.298	5.1961
SDev	7.5	.029	41.2	.65	7.0	1.123	3.3070
%RSD	.32269	.18827	1.1045	.46204	.32144	7.3422	63.644
#1	2331.2	15.373	-3775.1	139.27	2177.8	14.678	1.3981
#2	2345.9	15.426	-3731.2	140.54	2190.9	16.594	6.7519
#3	2341.4	15.420	-3692.7	140.08	2188.6	14.621	7.4382
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	516.19	433.81	17.199	38.466	3801.9	2193.9	2181.7
SDev	3.45	1.16	.482	.055	15.6	9.8	7.6
%RSD	.66754	.26739	2.7999	.14290	.41096	.44661	.34650
#1	512.63	432.57	17.745	38.403	3783.9	2184.3	2174.5
	519.51	434.87	16.838	38.495	3811.5	2193.6	2189.6
	516.42	433.98	17.013	38.501	3810.4	2203.9	2181.0
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	9.9215	17.982
SDev	2.8891	2.387
%RSD	29.120	13.273
#1	7.2845	18.370
#2	9.4705	20.151
#3	13.010	15.425
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12020	--	--	--	--	--	--
SDev	21.79450	--	--	--	--	--	--
%RSD	.1813186	--	--	--	--	--	--
#1	12045	--	--	--	--	--	--
#2	12005	--	--	--	--	--	--
#3	12010	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0627803 2X Operator:
Run Time: 07/01/96 14:02:31
Comment: For Fe
Type: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.11486	4467.2	6.7836	56.241	66.173	.38490	8348.3
SDev	.02242	7.7	1.7723	1.715	.054	.02493	3.9
%RSD	19.515	.17179	26.126	3.0496	.08103	6.4785	.04661
#1	.10053	4459.9	8.0470	56.069	66.157	.36243	8349.6
#2	.14069	4466.6	7.5460	58.036	66.129	.41173	8343.9
#3	.10336	4475.2	4.7577	54.618	66.233	.38053	8351.3
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-2.6309	12.008	71.136	152.35	247470.	798.25	2227.0
SDev	.4496	.275	.161	.57	65.	2.59	.7
%RSD	17.089	2.2889	.22638	.37134	.02625	.32399	.02957
#1	-2.6223	12.310	71.011	151.87	247520.	800.80	2227.3
#2	-3.0848	11.773	71.318	152.19	247400.	798.33	2226.2
#3	-2.1857	11.940	71.078	152.97	247490.	795.63	2227.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	931.41	14.671	477.60	97.730	12.174	7.5060	-1.7714
SDev	.11	.694	26.80	.365	.273	.7707	3.5496
%RSD	.01211	4.7323	5.6120	.37328	2.2392	10.268	200.38
#1	931.49	14.074	502.01	97.410	12.370	8.1287	1.9352
#2	931.28	15.433	481.86	98.127	11.863	7.7452	-2.1096
#3	931.46	14.506	448.92	97.653	12.291	6.6440	-5.1398
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	11.307	304.79	13.487	14.800	49.649	14.769	10.879
SDev	.874	.46	4.629	.328	.301	1.925	.711
%RSD	7.7263	.14995	34.322	2.2196	.60669	13.034	6.5327
#1	10.551	304.26	9.5280	15.000	49.851	14.635	11.239
#2	12.263	305.08	12.356	14.978	49.793	12.915	11.338
#3	11.106	305.02	18.576	14.420	49.303	16.758	10.060
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	2.4186	10.046
SDev	2.1503	.130
%RSD	88.908	1.2958
#1	4.3098	10.035
#2	2.8663	10.181
#3	.07965	9.9212
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11998	--	--	--	--	--	--
SDev	10.59874	--	--	--	--	--	--
%RSD	.0883351	--	--	--	--	--	--
#1	11987	--	--	--	--	--	--
#2	12000	--	--	--	--	--	--
#3	12008	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0627804 2X Operator:
Run Time: 07/01/96 14:08:16 For Cd
Comment:
'e: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.12127	10035.	1.4695	88.402	17.315	.01454	2104.5
SDev	.29252	39.	1.2563	2.742	.021	.01917	4.3
%RSD	241.22	.38391	85.493	3.1014	.12408	131.86	.20425
#1	.04339	10043.	.69072	85.291	17.336	.01749	2106.6
#2	.05181	9993.3	2.9188	89.452	17.293	.03206	2099.5
#3	-.45900	10069.	.79895	90.464	17.315	-.00594	2107.3
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-3.1897	15.888	63.730	53.873	168000.	334.66	262.52
SDev	.3444	.078	.550	.271	380.	4.83	3.57
%RSD	10.797	.48929	.86300	.50378	.22638	1.4444	1.3600
#1	-3.1105	15.805	64.255	53.669	168200.	337.19	266.59
#2	-3.5668	15.901	63.158	53.768	167560.	337.69	261.04
#3	-2.8918	15.959	63.775	54.181	168230.	329.08	259.93
rors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	586.32	5.7194	292.44	42.804	5.7909	7.1648	.71838
SDev	1.46	1.1542	39.18	.034	.8966	2.3216	4.1279
%RSD	.24949	20.181	13.397	.07943	15.484	32.403	574.62
#1	586.82	5.8889	317.70	42.824	6.7615	5.8629	4.4676
#2	584.67	6.7794	312.30	42.824	4.9935	5.7862	1.3927
#3	587.46	4.4897	247.30	42.765	5.6177	9.8452	-3.7052
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	23.810	5611.6	5.8294	5.9297	61.353	10.691	3.3445
SDev	.326	18.7	2.1167	.6104	.586	1.557	1.0644
%RSD	1.3691	.33363	36.311	10.294	.95480	14.564	31.825
#1	24.057	5623.1	5.1973	5.5865	61.491	12.217	4.0378
	23.933	5590.0	8.1901	6.6345	60.711	10.751	2.1190
#3	23.441	5621.7	4.1006	5.5682	61.858	9.1047	3.8768
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

em	1960/1	1960/2
Units	ug/L	ug/L
Avge	1.4844	10.001
SDev	3.3304	1.822
%RSD	224.36	18.219
#1	-.54871	9.0639
#2	-.32592	8.8377
#3	5.3278	12.101
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11879	--	--	--	--	--	--
SDev	30.92464	--	--	--	--	--	--
%RSD	.2603376	--	--	--	--	--	--
#1	11853	--	--	--	--	--	--
#2	11913	--	--	--	--	--	--
#3	11870	--	--	--	--	--	--

Method: TRACE2 Sample Name: LCSW-1922 se only Operator:
Run Time: 07/01/96 14:18:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	54.075	1951.1	45.877	2040.0	1981.1	51.478	20890.
SDev	.051	12.7	4.010	13.8	9.1	.111	64.
%RSD	.09398	.65148	8.7415	.67781	.45842	.21588	.30635
#1	54.044	1959.2	45.403	2040.7	1983.3	51.493	20913.
#2	54.048	1957.7	H50.103	2053.5	1988.8	51.581	20940.
#3	54.134	1936.5	42.124	2025.8	1971.1	51.360	20818.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.000	2400.0	48.000	2400.0	2400.0	60.000	24000.
Low	40.000	1600.0	32.000	1600.0	1600.0	40.000	16000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	48.980	488.20	199.10	252.81	977.24	22647.	18957.
SDev	.431	2.56	.36	1.35	4.66	121.	67.
%RSD	.87997	.52455	.17866	.53347	.47707	.53208	.35301
#1	48.982	489.76	199.17	252.89	978.83	22709.	18976.
#2	49.410	489.61	199.42	254.11	980.89	22724.	19012.
#3	48.548	485.25	198.72	251.42	971.99	22508.	18882.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.000	600.00	240.00	300.00	1200.0	24000.	24000.
Low	40.000	400.00	160.00	200.00	800.00	16000.	16000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	499.19	1994.6	16826.	495.96	18.465	9.9099	494.16
SDev	1.55	6.1	139.	1.97	1.116	1.2439	2.95
%RSD	.30985	.30367	.82497	.39680	6.0462	12.552	.59631
#1	499.68	1994.6	16908.	497.93	19.709	11.320	494.74
#2	500.43	2000.7	16904.	495.94	18.134	9.4412	496.78
#3	497.45	1988.6	16666.	494.00	17.551	8.9684	490.97
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600.00	2400.0	24000.	600.00	24.000	12.000	600.00
Low	400.00	1600.0	16000.	400.00	16.000	8.0000	400.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2051.5	2156.3	45.338	509.45	497.37	19.998	17.700
SDev	5.9	8.7	2.29e	1.44	2.03	.628	1.499
%RSD	.28930	.40388	5.0638	.28328	.40750	3.1378	8.4714
#1	2051.4	2158.8	44.893	509.37	497.41	20.284	19.422
	2057.5	2163.5	43.298	510.93	499.37	20.431	16.987
	2045.7	2146.6	47.824	508.05	495.32	19.278	16.689
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2400.0	2400.0	60.000	600.00	600.00		

000334

Low	1600.0	1600.0	40.000	400.00	400.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	8.2831	10.722
SDev	4.3619	3.964
%RSD	52.660	36.969
#1	3.3522	15.298
#2	11.638	8.3445
#3	9.8593	8.5236
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11901	--	--	--	--	--	--
SDev	26.85765	--	--	--	--	--	--
%RSD	.2256692	--	--	--	--	--	--
#1	11882	--	--	--	--	--	--
#2	11890	--	--	--	--	--	--
#3	11932	--	--	--	--	--	--

Method: TRACE2 Sample Name: LCSS-1922 Operator:
Run Time: 07/01/96 14:24:08
Comment: K only
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	53.999	2015.6	39.480	2026.6	2004.9	50.526	20949.
SDev	.126	.5	1.328	3.5	3.3	.096	50.
%RSD	.23340	.02655	3.3646	.17035	.16482	.18908	.23946
#1	53.992	2015.1	40.964	2023.4	2006.8	50.614	20977.
#2	54.129	2016.2	39.074	2026.2	2006.7	50.539	20980.
#3	53.877	2015.5	38.402	2030.3	2001.1	50.424	20891.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.000	2400.0	48.000	2400.0	2400.0	60.000	24000.
Low	40.000	1600.0	32.000	1600.0	1600.0	40.000	16000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	48.150	488.72	200.71	255.81	988.78	23163.	18846.
SDev	.277	1.74	.48	.26	8.70	20.	59.
%RSD	.57588	.35597	.23910	.10030	.87989	.08469	.31081
#1	48.441	490.29	201.15	255.55	991.92	23150.	18888.
#2	48.119	489.02	200.77	256.07	995.48	23186.	18870.
#3	47.889	486.85	200.20	255.80	978.95	23154.	18779.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.000	600.00	240.00	300.00	1200.0	24000.	24000.
Low	40.000	400.00	160.00	200.00	800.00	16000.	16000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	502.06	2006.5	17123.	493.11	18.607	10.978	485.31
SDev	1.06	5.0	47.	1.41	1.038	2.279	4.07
%RSD	.21055	.25166	.27427	.28607	5.5810	20.759	.83849
#1	502.85	2010.5	17108.	494.16	17.868	11.328	489.10
#2	502.46	2008.2	17175.	493.66	19.794	8.5443	481.01
#3	500.86	2000.9	17085.	491.51	18.159	H13.062	485.84
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600.00	2400.0	24000.	600.00	24.000	12.000	600.00
Low	400.00	1600.0	16000.	400.00	16.000	8.0000	400.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2049.0	2171.5	L37.920	514.07	488.58	21.983	16.921
SDev	4.7	3.2	.917	1.38	2.10	1.608	.788
%RSD	.22797	.14572	2.4169	.26784	.43081	7.3147	4.6575
#1	2048.4	2173.3	L38.931	513.98	490.75	20.565	16.521
#2	2054.0	2173.3	L37.143	515.49	488.44	23.730	17.829
#3	2044.7	2167.8	L37.687	512.74	486.55	21.655	16.413
Errors	LC Pass	LC Pass	LC Low	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2400.0	2400.0	60.000	600.00	600.00		

Low	1600.0	1600.0	40.000	400.00	400.00

em	1960/1	1960/2
its	ug/L	ug/L
Avge	4.0394	14.442
SDev	1.3207	2.923
%RSD	32.696	20.238
#1	5.1237	14.425
#2	2.5685	11.528
#3	4.4259	17.373
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11822	--	--	--	--	--	--
SDev	40.77172	--	--	--	--	--	--
%RSD	.3448898	--	--	--	--	--	--
#1	11788	--	--	--	--	--	--
#2	11810	--	--	--	--	--	--
#3	11867	--	--	--	--	--	--

Method: TRACE2 Sample Name: LCSW-1934/1956 Operator:
Run Time: 07/01/96 14:39:31
Comment:
Mode: CONC Corr. Factor: 1

pb only

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	53.735	1937.1	41.848	2028.3	1964.1	51.521	20858.
SDev	.185	4.1	3.935	3.5	4.1	.134	51.
%RSD	.34415	.21104	9.4038	.17190	.20656	.25993	.24464
#1	53.707	1932.6	45.991	2025.7	1963.4	51.446	20837.
#2	53.565	1940.7	41.393	2032.3	1968.4	51.675	20916.
#3	53.932	1938.0	38.160	2027.0	1960.4	51.440	20821.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.000	2400.0	48.000	2400.0	2400.0	60.000	24000.
Low	40.000	1600.0	32.000	1600.0	1600.0	40.000	16000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	48.438	486.23	198.66	251.17	972.08	22478.	18860.
SDev	.295	1.07	.58	.88	11.67	25.	41.
%RSD	.60814	.21945	.29014	.35073	1.2009	.11158	.21928
#1	48.609	485.30	199.01	251.09	964.96	22496.	18839.
#2	48.606	487.40	198.98	252.09	985.55	22488.	18908.
#3	48.098	485.99	198.00	250.34	965.73	22449.	18833.
rors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.000	600.00	240.00	300.00	1200.0	24000.	24000.
Low	40.000	400.00	160.00	200.00	800.00	16000.	16000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	497.93	1988.3	16672.	493.93	17.155	10.700	489.20
SDev	1.00	10.3	64.	1.38	.503	2.163	3.77
%RSD	.20054	.51776	.38248	.27988	2.9343	20.213	.77050
#1	497.54	1984.7	16629.	494.49	17.035	8.3210	492.32
#2	499.06	2000.0	16745.	494.95	17.708	H12.548	490.25
#3	497.18	1980.4	16642.	492.36	16.722	11.231	485.01
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600.00	2400.0	24000.	600.00	24.000	12.000	600.00
Low	400.00	1600.0	16000.	400.00	16.000	8.0000	400.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2041.3	2149.1	40.026	507.81	497.17	18.133	16.667
SDev	9.0	5.2	2.463	1.94	1.86	.792	.516
%RSD	.43938	.24125	6.1548	.38135	.37505	4.3697	3.0935
#1	2042.8	2146.8	L38.749	506.59	497.16	17.417	16.844
	2049.4	2155.1	42.865	510.04	499.04	18.984	17.070
	2031.7	2145.5	L38.462	506.79	495.31	17.998	16.086
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2400.0	2400.0	60.000	600.00	600.00		

Low	1600.0	1600.0	40.000	400.00	400.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	9.6968	11.200
SDev	3.7206	2.628
%RSD	38.370	23.460
#1	8.3585	8.3022
#2	13.902	11.872
#3	6.8305	13.427
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11997	--	--	--	--	--	--
SDev	29.30870	--	--	--	--	--	--
%RSD	.2443003	--	--	--	--	--	--
#1	12030	--	--	--	--	--	--
#2	11974	--	--	--	--	--	--
#3	11987	--	--	--	--	--	--

Method: TRACE2 Sample Name: 062391LS Operator:
Run Time: 07/01/96 14:45:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	52.558	298.65	42.383	2059.9	1904.8	48.958	41341.
SDev	.050	2.44	1.047	10.6	8.0	.174	193.
%RSD	.09488	.81673	2.4708	.51304	.42012	.35570	.46697
#1	52.504	296.41	43.049	2048.6	1896.5	48.807	41183.
#2	52.602	298.29	42.923	2061.7	1905.3	48.919	41282.
#3	52.569	301.25	41.176	2069.5	1912.5	49.149	41556.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	47.152	466.43	189.41	246.64	11406.	23876.	25403.
SDev	.395	1.38	.71	1.19	42.	77.	113.
%RSD	.83780	.29679	.37555	.48414	.37231	.32354	.44488
#1	47.134	465.15	189.11	245.33	11385.	23801.	25312.
#2	46.767	466.22	188.90	246.90	11378.	23872.	25368.
#3	47.556	467.90	190.22	247.68	11455.	23955.	25530.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	712.75	1903.5	42679.	471.84	17.709	7.2109	472.12
SDev	3.17	7.0	222.	1.78	.631	1.0572	1.54
%RSD	.44472	.36735	.52085	.37792	3.5624	14.661	.32515
#1	710.00	1897.4	42492.	470.08	17.367	8.4203	471.65
#2	712.04	1901.9	42619.	471.80	17.323	6.7502	470.88
#3	716.22	1911.1	42925.	473.64	18.437	6.4623	473.84
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1916.8	2069.7	40.548	485.32	472.57	18.712	17.209
SDev	7.6	9.0	4.515	2.54	2.85	1.547	.596
%RSD	.39500	.43589	11.134	.52319	.60398	8.2679	3.4633
#1	1911.3	2061.6	43.330	483.29	470.70	19.052	16.526
#2	1913.8	2068.3	35.339	484.50	471.16	17.023	17.473
#3	1925.5	2079.4	42.976	488.17	475.86	20.060	17.627
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

em	1960/1	1960/2
nits	ug/L	ug/L
Avge	7.3518	7.1406
SDev	2.1807	.9817
%RSD	29.662	13.748
#1	9.5370	7.8627
#2	5.1756	7.5363
#3	7.3427	6.0228
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11909	--	--	--	--	--	--
SDev	55.75841	--	--	--	--	--	--
%RSD	.4682039	--	--	--	--	--	--
#1	11952	--	--	--	--	--	--
#2	11929	--	--	--	--	--	--
#3	11846	--	--	--	--	--	--

Method: TRACE2 Sample Name: 06336015 Operator:
Run Time: 07/01/96 14:51:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	45.626	36571.	66.073	1776.7	1802.7	46.891	37302.
SDev	.297	57.	2.289	7.8	4.3	.104	93.
%RSD	.65075	.15489	3.4640	.44050	.23700	.22094	.24911
#1	45.672	36626.	66.649	1781.2	1806.3	46.920	37300.
#2	45.897	36574.	63.551	1781.2	1803.9	46.977	37396.
#3	45.309	36513.	68.018	1767.6	1798.0	46.776	37211.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	40.276	447.14	1226.3	410.23	128010.	25373.	23888.
SDev	.325	1.30	3.3	.98	298.	36.	54.
%RSD	.80701	.29132	.27269	.23839	.23313	.14084	.22562
#1	39.901	448.64	1226.5	410.92	128020.	25412.	23892.
#2	40.451	446.30	1229.5	410.65	128300.	25342.	23940.
#3	40.477	446.49	1222.8	409.11	127700.	25364.	23833.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	3012.5	1640.8	21016.	865.87	68.279	13.118	336.27
SDev	6.8	2.8	57.	.85	1.391	2.700	1.64
%RSD	.22499	.17319	.27187	.09855	2.0374	20.582	.48640
#1	3013.6	1639.8	21064.	865.80	66.726	11.513	337.83
#2	3018.7	1644.0	21030.	866.75	68.703	16.236	334.57
#3	3005.3	1638.6	20953.	865.05	69.409	11.606	336.43
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1650.0	2906.3	43.846	525.43	760.33	72.025	66.409
SDev	1.9	5.9	3.826	1.49	2.71	1.095	1.540
%RSD	.11318	.20367	8.7255	.28337	.35653	1.5202	2.3192
#1	1651.8	2909.1	40.420	525.05	759.38	70.787	64.698
	1648.1	2910.3	43.144	527.07	763.39	72.425	66.845
	1650.0	2899.5	47.974	524.17	758.22	72.864	67.684
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

lem	1960/1	1960/2
nits	ug/L	ug/L
Avge	13.533	12.911
SDev	5.683	1.287
%RSD	41.992	9.9664
#1	10.905	11.817
#2	20.054	14.329
#3	9.6402	12.588
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13075	--	--	--	--	--	--
SDev	40.45162	--	--	--	--	--	--
%RSD	.3093735	--	--	--	--	--	--
#1	13044	--	--	--	--	--	--
#2	13061	--	--	--	--	--	--
#3	13121	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCV-1-5 Operator:
Run Time: 07/01/96 14:56:46
Comment:
'e: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	481.42	9362.7	483.82	4896.0	460.61	482.74	98953.
SDev	1.56	39.3	7.21	22.1	2.41	1.95	389.
%RSD	.32349	.41931	1.4896	.45074	.52231	.40444	.39340
#1	479.62	9317.7	477.83	4871.1	457.83	480.53	98509.
#2	482.36	9389.8	481.81	4913.1	462.07	484.24	99233.
#3	482.27	9380.6	491.82	4903.9	461.93	483.45	99118.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	461.17	464.69	480.63	491.49	96666.	95862.	92764.
SDev	2.32	2.76	2.48	2.25	390.	349.	338.
%RSD	.50296	.59486	.51676	.45793	.40384	.36390	.36420
#1	458.88	461.62	477.78	488.89	96227.	95467.	92380.
#2	463.52	466.99	482.28	492.86	96975.	95989.	93018.
#3	461.10	465.46	481.85	492.72	96796.	96130.	92893.
rors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	479.11	478.15	90673.	463.52	465.95	482.71	487.64
SDev	2.01	.81	327.	2.82	3.18	2.60	3.60
%RSD	.41999	.17003	.36041	.60770	.68273	.53803	.73820
#1	476.94	478.55	90303.	460.35	462.31	479.91	483.57
#2	480.92	477.21	90793.	464.50	468.22	485.04	490.41
#3	479.46	478.68	90923.	465.72	467.31	483.17	488.93
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	520.18	10233.	471.11	488.57	476.08	476.00	460.93
SDev	2.88	45.	6.86	1.91	1.01	3.98	2.83
%RSD	.55373	.44310	1.4567	.39071	.21298	.83647	.61430
#1	523.49	10181.	464.83	486.43	474.95	471.63	457.66
	518.30	10264.	470.06	490.09	476.35	479.42	462.62
#3	518.75	10254.	478.44	489.19	476.92	476.95	462.50
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

Low	450.00	9000.0	450.00	450.00	450.00

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	482.14	482.99
SDev	8.40	3.21
%RSD	1.7422	.66455
#1	473.39	483.17
#2	482.90	486.11
#3	490.13	479.70
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12095	--	--	--	--	--	--
SDev	73.10495	--	--	--	--	--	--
%RSD	.6044062	--	--	--	--	--	--
#1	12177	--	--	--	--	--	--
#2	12073	--	--	--	--	--	--
#3	12036	--	--	--	--	--	--

Method: TRACE2 Sample Name: CC8-1-5 Operator:
Run Time: 07/01/96 15:02:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.20593	30.908	1.7525	58.153	.31947	.65429	44.162
SDev	.27621	2.503	4.4432	3.189	.02297	.04000	.367
%RSD	134.13	8.0983	253.54	5.4843	7.1894	6.1137	.83150
#1	.11198	28.773	6.7345	61.235	.30070	.67611	43.740
#2	-.38709	30.288	.32282	58.358	.31263	.60812	44.338
#3	-.34267	33.663	-1.7999	54.867	.34508	.67863	44.408
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.29834	-.39588	-.12873	.12392	12.860	41.435	11.644
SDev	.12796	.49105	.28491	.09444	7.061	3.744	1.966
%RSD	42.892	124.04	221.32	76.207	54.909	9.0354	16.880
#1	.37218	-.11172	.18194	.23247	9.6194	40.970	13.577
#2	.15058	-.11302	-.37779	.07876	8.0009	37.946	11.709
#3	.37226	-.96289	-.19035	.06055	20.960	45.390	9.6474
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.43272	1.0285	473.90	.96930	.36641	.32680	1.5151
SDev	.00178	.9230	41.49	.75281	.65183	1.5400	3.5216
%RSD	.41141	89.743	8.7544	77.665	177.90	471.25	232.43
#1	.43092	2.0631	480.80	.10762	.98212	1.3046	5.5417
#2	.43448	.28946	511.51	1.4994	.43346	-1.4484	-.98999
#3	.43275	.73295	429.40	1.3009	-.31636	1.1242	-.00627
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.36354	.89214	.17527	.16794	7.9293	-1.4886	1.2925
SDev	1.1643	.13871	5.7320	.00183	.6671	.4754	.7661
%RSD	320.26	15.548	3270.4	1.0915	8.4132	31.940	59.272
#1	1.2935	1.0298	6.5636	.16626	7.7467	-1.2051	2.0741
	-.94223	.89420	-1.5198	.16990	7.3725	-1.2231	1.2605
	.73939	.75241	-4.5181	.16768	8.6687	-2.0375	.54291
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	2.4602	-.73832
SDev	5.0472	1.28782
%RSD	205.15	174.42
#1	7.6938	-1.8852
#2	-2.3773	-.98466
#3	2.0643	.65487
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12318	--	--	--	--	--	--
SDev	42.00397	--	--	--	--	--	--
%RSD	.3410059	--	--	--	--	--	--
#1	12360	--	--	--	--	--	--
#2	12276	--	--	--	--	--	--
#3	12317	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0633603 Operator:
Run Time: 07/01/96 15:14:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.25863	54078.	44.846	139.12	343.42	6.6360	32189.
SDev	.21555	92.	3.970	2.09	.45	.0179	79.
%RSD	83.344	.17011	8.8530	1.5032	.13000	.27016	.24447
#1	-.45445	54123.	44.103	141.53	343.75	6.6499	32158.
#2	-.29379	54140.	49.135	137.73	343.58	6.6424	32279.
#3	-.02766	53973.	41.300	138.10	342.91	6.6158	32131.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-1.1974	46.864	577.94	158.02	115350.	8742.7	14653.
SDev	.1132	.256	1.56	.57	277.	14.5	25.
%RSD	9.4575	.54677	.27048	.36281	.24051	.16570	.17093
#1	-1.3274	47.128	578.44	158.40	115270.	8758.8	14654.
#2	-1.1447	46.617	579.19	157.36	115660.	8738.5	14677.
#3	-1.1201	46.845	576.19	158.29	115120.	8730.7	14627.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	3587.8	36.294	20807.	209.08	98.883	2.8522	-3.7306
SDev	7.0	.366	40.	.95	1.512	2.2269	1.8608
%RSD	.19386	1.0078	.19230	.45282	1.5288	78.077	49.880
#1	3587.2	36.267	20794.	209.10	100.63	.65632	-3.6387
#2	3595.1	35.943	20774.	210.01	98.056	2.7913	-1.9175
#3	3581.2	36.673	20851.	208.12	97.965	5.1089	-5.6357
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	12.256	716.32	6.3627	132.00	312.14	99.702	98.474
SDev	2.054	1.34	2.1354	.39	.56	3.293	2.658
%RSD	16.760	.18762	33.562	.29561	.17910	3.3025	2.6991
#1	9.9502	716.16	5.5586	131.75	312.56	99.984	100.95
	12.927	717.74	4.7460	132.45	312.36	102.84	95.665
	13.891	715.07	8.7834	131.80	311.51	96.278	98.807
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000		
Elem	1960/1	1960/2					
Units	ug/L	ug/L					
Avge	3.0423	2.7573					
SDev	2.3637	2.9284					
%RSD	77.695	106.20					
#1	.64233	.66331					
#2	5.3679	1.5050					
#3	3.1165	6.1036					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	14009	--	--	--	--	--	--
SDev	13.79613	--	--	--	--	--	--
%RSD	.0984828	--	--	--	--	--	--
#1	14019	--	--	--	--	--	--
#2	13993	--	--	--	--	--	--
#3	14014	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0633604 Operator:
Run Time: 07/01/96 15:20:03
Comment:
'e: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.30242	70.825	.93584	109.74	67.145	.51859	7748.7
SDev	.12027	.850	2.3418	.44	.156	.05464	11.1
%RSD	39.769	1.2002	250.24	.40035	.23161	10.537	.14351
#1	-.16442	71.415	-1.7295	109.23	66.966	.48211	7736.9
#2	-.35799	71.209	1.8733	110.03	67.224	.49225	7759.0
#3	-.38486	69.851	2.6637	109.95	67.245	.58142	7750.2
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.36393	.96895	.49041	2.9827	172.54	1800.8	1407.2
SDev	.00063	.59996	.47195	.2779	.89	3.8	.6
%RSD	.17227	61.919	96.236	9.3169	.51335	.21264	.04401
#1	.36393	1.5961	.92880	3.3026	172.23	1796.8	1406.7
#2	.36456	.40046	-.00914	2.8437	171.85	1804.4	1407.1
#3	.36330	.91030	.55158	2.8017	173.54	1801.4	1407.9
rors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	217.76	4.7767	5507.6	9.1255	-1.0069	-2.1619	-1.7719
SDev	.43	.4421	19.7	.5841	1.2032	3.4306	1.6589
%RSD	.19843	9.2550	.35680	6.4004	119.50	158.68	93.624
#1	217.26	5.2252	5485.5	9.1259	-1.1071	-3.5678	-1.9909
#2	217.98	4.3413	5523.0	8.5412	.24326	-4.6662	-3.3104
#3	218.03	4.7635	5514.4	9.7093	-2.1568	1.7483	-.01434
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.1175	.37951	.06159	.16475	48.933	-.24156	-1.3890
SDev	2.2682	.08116	2.8160	.00139	.160	.92946	1.6875
%RSD	202.96	21.386	4571.9	.84131	.32747	384.77	121.49
#1	-.94301	.47324	2.9046	.16471	48.780	-1.2642	-1.0286
	.74772	.33265	.00690	.16615	48.919	.55173	.08925
#3	3.5479	.33265	-2.7267	.16338	49.099	-.01218	-3.2275
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

lem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-4.7476	-.87098
SDev	6.2961	2.06074
%RSD	132.62	236.60
#1	-6.4698	-2.1189
#2	-10.003	-2.0016
#3	2.2305	1.5076
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12258	--	--	--	--	--	--
SDev	31.51190	--	--	--	--	--	--
%RSD	.2570721	--	--	--	--	--	--
#1	12259	--	--	--	--	--	--
#2	12226	--	--	--	--	--	--
#3	12289	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0633605 Operator:
Run Time: 07/01/96 15:25:49
Comment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.20419	108.95	1.5916	129.09	31.545	.44812	9652.8
SDev	.36246	2.79	3.9032	1.36	.114	.07296	25.1
%RSD	177.51	2.5647	245.24	1.0529	.36059	16.281	.25990
#1	-.42778	105.81	1.3909	129.59	31.464	.48128	9640.9
#2	.21401	109.88	-2.2074	127.55	31.497	.49861	9635.9
#3	-.39880	111.16	5.5913	130.13	31.675	.36447	9681.7
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.07094	-.39940	.68008	3.7147	90.717	2692.6	1293.3
SDev	.12884	.64988	.43427	.1227	4.807	6.3	4.6
%RSD	181.63	162.71	63.855	3.3036	5.2984	.23383	.35745
#1	-.07784	.05778	.17865	3.6756	86.576	2687.6	1291.9
#2	.14513	-.11265	.92755	3.8522	95.988	2690.6	1289.6
#3	.14552	-1.1433	.93404	3.6164	89.585	2699.7	1298.5
rors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	69.320	11.816	17470.	3.1687	.26705	-1.2005	2.1895
SDev	.398	.555	105.	.3071	.74879	1.3781	2.2033
%RSD	.57421	4.6958	.60326	9.6906	280.39	114.80	100.63
#1	69.309	11.506	17394.	3.5024	1.1043	-1.8559	1.6374
#2	68.928	11.486	17427.	2.8981	-.33852	.38302	.31478
#3	69.724	12.457	17591.	3.1056	.03536	-2.1285	4.6164
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.75212	1.9740	-1.5705	.43286	16.451	-1.1998	.99939
SDev	2.54168	.0767	5.5947	.46011	.251	.6978	1.3142
%RSD	337.93	3.8852	356.23	106.29	1.5242	58.159	131.50
#1	-3.1935	2.0198	2.5727	.16784	16.734	-1.7250	2.5168
	-.94209	2.0169	.65028	.16660	16.256	-1.4665	.22461
	1.8792	1.8855	-7.9347	.96415	16.364	-.40802	.25672
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-4.5983	.49593
SDev	.6179	2.3493
%RSD	13.437	473.71
#1	-4.0572	-.75690
#2	-5.2715	3.2061
#3	-4.4663	-.96138
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12248	--	--	--	--	--	--
SDev	36.47374	--	--	--	--	--	--
%RSD	.2977853	--	--	--	--	--	--
#1	12258	--	--	--	--	--	--
#2	12279	--	--	--	--	--	--
#3	12208	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0633606 Operator:
Run Time: 07/01/96 15:31:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.35397	64.919	2.6233	131.82	16.594	.51266	7524.4
SDev	.23710	1.889	1.5047	1.86	.059	.01695	20.7
%RSD	66.981	2.9101	57.357	1.4123	.35667	3.3056	.27564
#1	-.42655	62.777	3.6343	132.33	16.545	.52443	7506.5
#2	-.54630	66.346	.89414	129.76	16.660	.49323	7547.1
#3	-.08907	65.635	3.3415	133.37	16.576	.52031	7519.4
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.14922	2.5662	.17852	2.3235	33.648	3322.3	1371.8
SDev	.22363	.4311	.37533	.1986	2.386	4.2	4.6
%RSD	149.86	16.798	210.24	8.5492	7.0902	.12738	.33221
#1	-.07432	2.1075	-.19714	2.1542	31.848	3321.2	1366.8
#2	.37294	2.6280	.17918	2.2741	36.354	3326.9	1375.8
#3	.14905	2.9630	.55353	2.5421	32.741	3318.6	1372.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	310.26	8.0725	23480.	5.8481	.21527	.17813	1.6416
SDev	.67	.2740	23.	.3073	1.3045	1.4087	1.3202
%RSD	.21743	3.3938	.09903	5.2548	605.99	790.82	80.422
#1	309.94	7.9126	23495.	6.1111	-.45464	1.4602	.32388
#2	311.03	8.3888	23492.	5.9228	-.61819	-1.3298	2.9642
#3	309.80	7.9160	23453.	5.5103	1.7186	.40401	1.6366
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1.1198	.56706	-2.6884	-.00617	10.955	-.75130	.69783
SDev	.8580	.29256	1.8266	.30444	.428	1.54794	1.8084
%RSD	76.623	51.592	67.943	4936.6	3.9032	206.03	259.15
#1	1.8687	.33265	-3.3696	.16951	10.940	-2.5343	.58365
	.18359	.47360	-4.0765	-.35770	10.535	.24833	-1.0508
	1.3071	.89493	-.61912	.16969	11.390	.03211	2.5606
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

lem	1960/1	1960/2
Units	ug/L	ug/L
Avge	2.3808	-.92154
SDev	3.0292	2.00852
%RSD	127.24	217.95
#1	5.5006	-.55695
#2	2.1905	-3.0874
#3	-.54880	.87971
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12251	--	--	--	--	--	--
SDev	20.64784	--	--	--	--	--	--
%RSD	.1685446	--	--	--	--	--	--
#1	12265	--	--	--	--	--	--
#2	12227	--	--	--	--	--	--
#3	12260	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0636701 Operator:
Run Time: 07/01/96 15:37:19
Comment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.31914	57292.	47.859	107.98	527.73	7.4100	31142.
SDev	.20510	185.	2.933	1.46	1.69	.0217	81.
%RSD	64.265	.32353	6.1291	1.3488	.31966	.29297	.26129
#1	-.11142	57116.	51.225	107.27	526.23	7.3859	31077.
#2	-.52150	57485.	45.849	109.65	529.56	7.4160	31233.
#3	-.32451	57274.	46.502	107.01	527.40	7.4280	31115.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-1.6358	79.575	1338.8	179.48	131410.	8645.6	14619.
SDev	.3708	.629	4.1	.55	370.	25.1	43.
%RSD	22.668	.79079	.30299	.30823	.28135	.29044	.29401
#1	-1.6104	78.851	1335.0	178.96	131110.	8618.5	14585.
#2	-1.2784	79.877	1343.1	180.06	131820.	8668.1	14667.
#3	-2.0187	79.996	1338.3	179.42	131300.	8650.0	14603.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	4942.9	27.799	28813.	579.55	132.34	4.2550	-1.7193
SDev	13.5	.632	94.	1.77	.63	1.5871	2.7840
%RSD	.27214	2.2751	.32611	.30600	.47927	37.301	161.92
#1	4932.2	27.955	28750.	577.67	133.03	5.3334	1.0775
#2	4958.0	28.339	28921.	581.19	131.78	2.4325	-1.7452
#3	4938.5	27.103	28768.	579.78	132.20	4.9990	-4.4902
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	13.742	822.93	8.1051	210.69	241.48	136.01	130.51
SDev	.445	2.21	2.1180	.82	1.26	1.14	1.39
%RSD	3.2402	.26838	26.132	.38970	.52286	.83954	1.0671
#1	13.287	820.98	8.0157	209.84	240.65	135.51	131.79
#2	13.762	825.33	6.0332	210.76	242.94	137.31	129.03
#3	14.177	822.48	10.266	211.48	240.87	135.19	130.73
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

000356

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	2.8178	4.9725
SDev	3.1901	2.5479
%RSD	113.21	51.240
#1	.40405	7.7943
#2	1.6149	2.8407
#3	6.4344	4.2825
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	14649	--	--	--	--	--	--
SDev	31.81719	--	--	--	--	--	--
%RSD	.2171920	--	--	--	--	--	--
#1	14633	--	--	--	--	--	--
#2	14629	--	--	--	--	--	--
#3	14686	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0636702 Operator:
Run Time: 07/01/96 15:43:03
Comment:
M 'e: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.45058	10977.	789.66	115.26	222.50	2.7122	32752.
SDev	.10341	18.	3.68	1.66	1.73	.0168	116.
%RSD	22.950	.16417	.46661	1.4372	.77731	.61977	.35556
#1	-.52608	10961.	790.68	113.36	223.30	2.7041	32656.
#2	-.33272	10997.	785.58	116.35	220.52	2.7315	32881.
#3	-.49293	10975.	792.73	116.09	223.70	2.7010	32718.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.19727	17.518	1174.0	1226.6	53630.	5984.6	6208.3
SDev	.23438	.112	2.6	1.4	154.	3.3	14.7
%RSD	118.81	.64157	.21960	.11445	.28646	.05468	.23682
#1	.46791	17.641	1171.3	1225.5	53512.	5981.3	6202.4
#2	.06250	17.420	1176.5	1228.2	53803.	5984.9	6225.0
#3	.06140	17.494	1174.3	1226.2	53574.	5987.8	6197.4
rors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	1899.0	34.307	5505.8	183.34	26.007	.73188	1.9834
SDev	5.7	1.103	16.2	.19	1.246	2.5568	.1588
%RSD	.29798	3.2163	.29472	.10503	4.7893	349.35	8.0076
#1	1894.4	35.053	5523.2	183.13	25.518	.87494	2.0825
#2	1905.3	34.828	5491.1	183.51	25.080	-1.8935	1.8002
#3	1897.1	33.039	5503.2	183.38	27.422	3.2141	2.0676
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	10.820	344.59	3.6910	22.686	476.00	28.042	24.990
SDev	1.019	.54	2.0155	.252	1.83	2.286	3.006
%RSD	9.4186	.15659	54.606	1.1123	.38401	8.1534	12.028
#1	9.7831	344.22	1.3637	22.486	474.86	28.710	23.924
	10.857	345.21	4.8594	22.602	478.11	29.920	22.663
	11.820	344.35	4.8500	22.970	475.03	25.496	28.384
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

000358

Low			-10.000	-50.000	-20.000

em	1960/1	1960/2
nits	ug/L	ug/L
Avge	-.89302	1.5431
SDev	.43110	4.0399
%RSD	48.274	261.80
#1	-.77327	1.6978
#2	-.53446	-2.5719
#3	-1.3713	5.5034
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13546	--	--	--	--	--	--
SDev	38.47510	--	--	--	--	--	--
%RSD	.2840259	--	--	--	--	--	--
#1	13571	--	--	--	--	--	--
#2	13502	--	--	--	--	--	--
#3	13566	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0636703 Operator:
Run Time: 07/01/96 15:48:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.37225	72.086	1.2668	93.817	22.828	.42131	8872.5
SDev	.12076	2.231	.5669	.545	.156	.09369	38.3
%RSD	32.440	3.0946	44.752	.58081	.68313	22.237	.43218
#1	-.25710	70.255	1.9023	93.214	22.680	.51043	8830.4
#2	-.49792	71.434	.81334	93.966	22.813	.42985	8881.6
#3	-.36172	74.571	1.0846	94.273	22.991	.32364	8905.5
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.07221	4.3181	.05167	2.5570	90.501	2479.7	1882.0
SDev	.25768	.7749	.43536	.0698	5.943	15.0	10.2
%RSD	356.85	17.945	842.61	2.7290	6.5663	.60458	.54075
#1	-.07538	4.1179	-.19966	2.5612	83.698	2464.1	1872.3
#2	-.07773	5.1735	-.19971	2.6246	93.128	2480.7	1881.3
#3	.36974	3.6630	.55437	2.4852	94.678	2494.1	1892.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	311.02	4.6123	26178.	8.1700	.04457	-.53185	.42474
SDev	1.46	.6686	131.	.6414	.59504	1.51463	.82197
%RSD	.46900	14.497	.50000	7.8507	1335.0	284.79	193.52
#1	309.42	5.1663	26044.	7.8580	-.21335	-.49152	1.2937
#2	311.37	3.8696	26186.	8.9077	-.37799	.96222	.32093
#3	312.28	4.8009	26305.	7.7442	.72505	-2.0662	-.34040
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-1.3183	.56707	-.73356	.16816	18.606	-.33016	.23166
SDev	.6560	.21448	2.34182	.46021	.653	1.60683	.23524
%RSD	49.761	37.822	319.24	273.68	3.5116	486.68	101.55
#1	-.93733	.33265	-.98799	-.09841	18.302	-.56541	-.03758
#2	-.94177	.75347	-2.9378	-.09667	19.356	-1.8064	.36515
#3	-2.0757	.61508	1.7251	.69956	18.159	1.3813	.39741
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Sm	1960/1	1960/2
Units	ug/L	ug/L
Avge	-1.3929	-.10196
SDev	2.9815	1.54709
%RSD	214.05	1517.4
#1	.99381	-1.2331
#2	-.43758	1.6611
#3	-4.7350	-.73387
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12291	--	--	--	--	--	--
SDev	90.11844	--	--	--	--	--	--
%RSD	.7331868	--	--	--	--	--	--
#1	12384	--	--	--	--	--	--
#2	12286	--	--	--	--	--	--
#3	12204	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0636704 Operator:
Run Time: 07/01/96 15:54:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.08560	66.547	3.8367	124.49	106.48	.62123	18583.
SDev	.12955	.185	.5111	1.42	.27	.04614	51.
%RSD	151.33	.27729	13.322	1.1378	.25480	7.4268	.27662
#1	.04227	66.716	4.4168	122.90	106.42	.59391	18571.
#2	-.21676	66.575	3.4525	124.95	106.24	.67450	18539.
#3	-.08233	66.350	3.6409	125.62	106.77	.59527	18639.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.51008	3.4508	246.22	343.69	168.74	5132.9	2185.8
SDev	.12856	.1068	.79	.54	5.18	9.2	5.7
%RSD	25.204	3.0955	.32226	.15670	3.0701	.18009	.25893
#1	.58299	3.4996	246.29	343.55	164.59	5135.9	2180.1
#2	.36164	3.3283	245.39	343.23	167.08	5122.5	2185.9
#3	.58561	3.5245	246.98	344.28	174.54	5140.3	2191.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	646.83	1.9124	7006.0	21.204	-.29677	-1.2754	-.33414
SDev	1.44	.5081	64.8	.785	.38476	1.3008	1.31956
%RSD	.22238	26.568	.92441	3.7033	129.65	102.00	394.91
#1	646.44	2.4989	6959.2	21.358	-.73983	-.90990	-.11683
#2	645.63	1.6103	6978.9	20.353	-.04681	-2.7198	.86328
#3	648.42	1.6279	7079.9	21.901	-.10366	-.19637	-1.7489
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.94233	.84335	-5.2419	.24714	155.46	-1.4854	.29664
SDev	1.48104	.15974	2.1822	.39803	.66	2.2075	1.6133
%RSD	157.17	18.941	41.629	161.05	.42362	148.61	543.85
#1	-.38044	1.0278	-4.2678	.68064	155.70	.72940	-1.4734
#2	.17554	.74947	-3.7164	-.10184	154.72	-1.5000	.67871
#3	-2.6221	.75279	-7.7415	.16262	155.97	-3.6855	1.6846
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-1.6424	-1.0921
SDev	1.2807	2.5337
%RSD	77.975	232.01
#1	-2.6283	-.05198
#2	-.19494	-3.9803
#3	-2.1041	.75605
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12369	--	--	--	--	--	--
SDev	54.41813	--	--	--	--	--	--
%RSD	.4399677	--	--	--	--	--	--
#1	12396	--	--	--	--	--	--
#2	12404	--	--	--	--	--	--
#3	12306	--	--	--	--	--	--

Method: TRACE2 Sample Name: 0633601A Operator:
Run Time: 07/01/96 16:00:17
Comment:
1 : CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.41874	32273.	94.833	171.17	190.76	3.7846	19977.
SDev	.17320	95.	.509	2.21	.52	.0098	27.
%RSD	41.363	.29448	.53717	1.2907	.27459	.25909	.13503
#1	.61790	32246.	94.529	173.53	190.65	3.7892	19993.
#2	.30326	32195.	94.549	169.15	190.29	3.7734	19946.
#3	.33507	32379.	95.421	170.83	191.32	3.7913	19993.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.0	400000.	10000.		100000.	10000.	500000.
Low	-10.000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.97768	36.973	1252.5	184.42	120070.	6146.3	7873.1
SDev	.12032	.649	1.5	.70	199.	25.2	15.3
%RSD	12.307	1.7566	.11864	.37802	.16551	.41004	.19466
#1	.91327	37.708	1253.4	184.02	120120.	6134.7	7876.8
#2	1.1165	36.479	1250.8	184.02	119850.	6129.0	7856.3
#3	.90327	36.732	1253.2	185.23	120240.	6175.2	7886.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	7419.1	73.383	5777.7	1591.5	151.33	6.2713	100.61
SDev	11.3	1.071	77.1	2.6	1.18	1.7789	1.44
%RSD	.15269	1.4594	1.3340	.16563	.78227	28.365	1.4304
#1	7422.0	72.475	5866.4	1592.8	151.79	8.3130	101.14
#2	7406.6	73.110	5739.1	1588.5	149.99	5.0560	98.986
#3	7428.7	74.564	5727.4	1593.2	152.22	5.4449	101.72
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.		400000.	50000.	10000.	10000.	50000.
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	15.143	1214.0	23.975	96.596	1012.9	153.33	150.33
SDev	2.140	3.2	4.621	.019	1.5	1.81	.88
%RSD	14.130	.26288	19.275	.01975	.14419	1.1818	.58603
#1	17.102	1214.2	29.300	96.618	1014.5	154.24	150.56
	15.467	1210.7	21.606	96.588	1012.5	151.25	149.36
#3	12.860	1217.1	21.019	96.583	1011.7	154.51	151.07
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			20000.	20000.	20000.		

Low			-10.000	-50.000	-20.000

em	1960/1	1960/2
nits	ug/L	ug/L
Avge	7.6959	5.5601
SDev	4.5614	1.7603
%RSD	59.271	31.659
#1	11.285	6.8291
#2	2.5630	6.3006
#3	9.2395	3.5505
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	13032	--	--	--	--	--	--
SDev	20.30599	--	--	--	--	--	--
%RSD	.1558204	--	--	--	--	--	--
#1	13018	--	--	--	--	--	--
#2	13055	--	--	--	--	--	--
#3	13022	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCV-1-6 Operator:
Run Time: 07/01/96 16:06:01
Comment:
Type: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	483.70	9435.1	486.53	4955.0	460.33	485.81	99606.
SDev	1.03	23.6	2.49	10.7	1.34	1.31	267.
%RSD	.21379	.24991	.51187	.21506	.29194	.26918	.26800
#1	484.88	9461.7	489.08	4962.0	461.75	486.84	99808.
#2	482.95	9416.7	484.11	4942.8	459.08	484.34	99303.
#3	483.26	9427.0	486.40	4960.4	460.14	486.25	99706.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	463.93	466.62	484.03	491.86	97168.	95764.	93326.
SDev	.75	1.77	1.70	1.36	255.	157.	240.
%RSD	.16105	.37994	.35152	.27586	.26228	.16394	.25767
#1	464.75	468.63	485.52	493.35	97397.	95944.	93570.
#2	463.29	465.31	482.18	490.70	96894.	95689.	93089.
#3	463.75	465.91	484.40	491.52	97212.	95658.	93320.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	481.70	476.89	91138.	463.94	469.11	486.26	481.32
SDev	1.20	2.13	224.	1.08	1.40	2.66	3.07
%RSD	.24986	.44562	.24630	.23194	.29886	.54797	.63709
#1	482.84	475.98	91390.	465.14	469.84	488.91	484.57
#2	480.44	475.38	91061.	463.63	467.50	486.30	480.91
#3	481.84	479.32	90961.	463.06	470.01	483.58	478.48
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	515.24	10284.	463.36	490.80	477.70	477.80	464.78
SDev	5.71	26.	6.70	1.83	2.01	.08	2.07
%RSD	1.1090	.25257	1.4453	.37202	.42061	.01586	.44436
#1	518.79	10309.	460.62	492.71	479.22	477.85	465.83
	508.65	10257.	471.00	489.06	475.42	477.71	462.40
#3	518.29	10285.	458.48	490.64	478.46	477.82	466.11
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

Low	450.00	9000.0	450.00	450.00	450.00

em	1960/1	1960/2
Units	ug/L	ug/L
Avge	489.53	484.63
SDev	2.32	3.84
%RSD	.47491	.79208
#1	488.86	488.94
#2	492.12	483.39
#3	487.62	481.57
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12047	--	--	--	--	--	--
SDev	34.03430	--	--	--	--	--	--
%RSD	.2825204	--	--	--	--	--	--
#1	12035	--	--	--	--	--	--
#2	12085	--	--	--	--	--	--
#3	12020	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCB-1-6 Operator:
Run Time: 07/01/96 16:11:46
Comment:
le: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.31870	31.588	.37527	69.144	.32812	.62766	53.098
SDev	.58747	1.410	.82572	.913	.07555	.07674	11.233
%RSD	184.33	4.4652	220.03	1.3211	23.026	12.226	21.155
#1	-.35443	32.208	.89934	70.091	.29413	.54718	43.092
#2	-.88748	29.974	-.57656	68.268	.27553	.63580	50.955
#3	.28582	32.583	.80303	69.074	.41469	.70000	65.248
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.37371	-.34231	.24805	.48089	17.663	55.478	17.790
SDev	.22381	.69306	.28660	.08958	9.101	8.073	11.411
%RSD	59.888	202.47	115.55	18.627	51.526	14.551	64.145
#1	.59786	.05779	.18540	.57319	11.533	46.558	8.4005
#2	.15025	-1.1426	-.00206	.39432	13.336	57.597	14.478
#3	.37301	.05788	.56079	.47515	28.120	62.281	30.491
rors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.30489	-.30753	515.54	1.1631	-1.2362	.44325	-.00565
SDev	.13095	.68647	25.92	.8122	1.0355	.54177	1.19116
%RSD	42.948	223.22	5.0284	69.833	83.765	122.23	21067.
#1	.17361	.29158	516.03	1.9006	-1.8325	.70907	.32327
#2	.30558	-1.0566	489.37	1.2960	-.04050	.80077	.98648
#3	.43549	-.15760	541.21	.29259	-1.8357	-.18009	-1.3267
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.56936	1.8341	-.06046	-.26909	8.7386	.38032	-2.0433
SDev	2.13325	1.1450	1.61465	.15199	.4328	.75202	1.4916
%RSD	374.67	62.429	2670.6	56.485	4.9533	197.73	73.000
#1	1.8720	1.0362	1.3659	-.35681	9.1770	.98167	-3.2374
	-2.0738	1.3200	-1.8134	-.35687	8.3116	.62217	-.37154
#3	-1.5063	3.1461	.26617	-.09358	8.7272	-.46287	-2.5210
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

Low			-10.000	-50.000	-20.000

Sam	1960/1	1960/2
Units	ug/L	ug/L
Avge	.76421	.28301
SDev	1.7489	.13246
%RSD	228.85	46.804
#1	1.8687	.13014
#2	1.6761	.36374
#3	-1.2522	.35515
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12239	--	--	--	--	--	--
SDev	18.00926	--	--	--	--	--	--
%RSD	.1471505	--	--	--	--	--	--
#1	12247	--	--	--	--	--	--
#2	12218	--	--	--	--	--	--
#3	12251	--	--	--	--	--	--

Method: TRACE2 Sample Name: CR1A-1-1 Operator:
Run Time: 07/01/96 16:17:31
Comment:
: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.22184	413.55	12.236	1075.4	9.8121	.60739	419.91
SDev	.24642	1.66	2.597	.8	.0661	.04434	.75
%RSD	111.08	.40165	21.227	.07049	.67333	7.3001	.17866
#1	.06225	411.63	14.846	1074.5	9.7826	.56343	419.58
#2	-.37788	414.50	9.6516	1075.8	9.7660	.65210	419.38
#3	-.34988	414.51	12.209	1075.9	9.8878	.60665	420.77
Errors	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass
High		520.00	15.600	1300.0	13.000		520.00
Low		280.00	8.4000	700.00	7.0000		280.00

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	6.0845	-.11221	.12037	.26398	195.29	2345.9	373.66
SDev	.1232	.45080	.28648	.16053	5.72	2.7	1.99
%RSD	2.0247	401.73	238.00	60.811	2.9279	.11381	.53238
#1	6.1707	-.28375	.37052	.37109	188.71	2345.4	375.49
#2	6.1393	-.45206	-.19216	.34145	198.11	2343.5	371.54
#3	5.9434	.39917	.18275	.07941	199.05	2348.8	373.93
rors	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	7.8000				260.00	2600.0	520.00
Low	4.2000				140.00	1400.0	280.00

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.17159	47.270	1287.4	.22884	-.71725	-.58816	.42342
SDev	.00073	.731	62.4	.42085	.43400	3.50857	1.1512
%RSD	.42370	1.5467	4.8441	183.90	60.509	596.54	271.88
#1	.17208	47.810	H1359.2	.09258	-.24467	2.9864	.31582
#2	.17075	47.562	1256.0	.70093	-.80913	-4.0268	1.6247
#3	.17193	46.438	1247.0	-.10699	-1.0980	-.72398	-.67022
Errors	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		65.000	1300.0				
Low		35.000	700.00				

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	96.507	104.99	-.15473	-.18777	-.33673	-.60163	-.77498
SDev	.654	.27	1.11418	.30445	.25351	1.65203	1.42519
%RSD	.67748	.25847	720.10	162.14	75.286	274.59	183.90
"1	95.755	105.28	1.1209	.16378	-.62941	-1.8368	.55021
	96.942	104.74	-.64757	-.36352	-.19516	-1.2430	-.59253
#3	96.824	104.94	-.93750	-.36356	-.18563	1.2749	-2.2826
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	130.00	130.00					

Low	70.000	70.000
Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-.43598	-.66413
SDev	5.58212	4.18043
%RSD	1280.4	629.46
#1	.64986	4.1528
#2	-6.4812	-2.8015
#3	4.5234	-3.3438
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12290	--	--	--	--	--	--
SDev	34.53018	--	--	--	--	--	--
%RSD	.2809540	--	--	--	--	--	--
#1	12267	--	--	--	--	--	--
#2	12330	--	--	--	--	--	--
#3	12274	--	--	--	--	--	--

Method: TRACE2 Sample Name: CRI-1-2 Operator:
Run Time: 07/01/96 16:23:16
Comment:
Y : CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	18.562	34.869	20.303	75.159	.20489	10.321	6.1600
SDev	.170	1.273	1.271	.379	.00760	.037	.7535
%RSD	.91463	3.6508	6.2597	.50461	3.7106	.35885	12.232
#1	18.732	34.780	21.161	75.574	.19662	10.284	6.1069
#2	18.393	36.185	20.905	75.075	.21157	10.358	6.9386
#3	18.563	33.644	18.843	74.829	.20649	10.321	5.4345
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	NOCHECK
High	26.000		26.000			13.000	
Low	14.000		14.000			7.0000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	9.6683	96.937	19.290	49.256	7.2591	42.920	1.9470
SDev	.1202	.313	.208	.135	.9890	3.900	1.3881
%RSD	1.2430	.32247	1.0779	.27312	13.624	9.0863	71.294
#1	9.7326	96.664	19.082	49.102	7.8227	40.317	3.0504
#2	9.5297	96.869	19.498	49.314	6.1171	47.403	2.4021
#3	9.7427	97.278	19.290	49.352	7.8374	41.038	.38847
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK
High	13.000	130.00	26.000	65.000			
Low	7.0000	70.000	14.000	35.000			

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	29.660	-.45710	456.87	77.871	4.5612	9.1115	117.83
SDev	.082	.25874	51.40	.356	1.3893	1.3213	3.44
%RSD	.27572	56.605	11.250	.45754	30.459	14.502	2.9235
#1	29.672	-.60648	515.76	77.590	6.1550	8.6841	119.35
#2	29.735	-.15833	433.83	77.751	L3.9228	8.0567	120.26
#3	29.573	-.60648	421.02	78.272	L3.6059	10.594	113.89
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	39.000			104.00	7.8000	13.000	156.00
Low	21.000			56.000	4.2000	7.0000	84.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.56639	.14555	18.180	100.33	39.913	2.7161	5.4824
SDev	1.80378	.21429	3.064	.08	.475	.1054	2.0767
%RSD	318.47	147.23	16.853	.07970	1.1905	3.8789	37.880
#1	-2.6237	.33265	18.805	100.31	40.164	2.7455	7.8571
	.74358	.19221	14.851	100.26	39.365	2.5991	4.5837
#3	.18098	-.08823	20.883	100.42	40.209	2.8036	4.0064
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			26.000	130.00	52.000		

Low			14.000	70.000	28.000		
Item	1960/1	1960/2					
Units	ug/L	ug/L					
Avge	4.5012	11.413					
SDev	2.1706	.988					
%RSD	48.224	8.6593					
#1	4.5005	10.773					
#2	2.3309	10.915					
#3	6.6721	12.551					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12284	--	--	--	--	--	--
SDev	13.00000	--	--	--	--	--	--
%RSD	.1058287	--	--	--	--	--	--
#1	12297	--	--	--	--	--	--
#2	12271	--	--	--	--	--	--
#3	12284	--	--	--	--	--	--

Method: TRACE2 Sample Name: ICSA-1-2 Operator:
Run Time: 07/01/96 16:29:01
Comment:
1 : CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.39297	466030.	2.9620	65.713	4.0428	-.30804	465350.
SDev	.23984	1731.	5.4808	.480	.0859	.05086	2094.
%RSD	61.033	.37143	185.04	.72993	2.1259	16.511	.44988
#1	-.66272	467190.	.88118	65.893	4.1147	-.33736	466280.
#2	-.20377	466850.	-1.1736	66.076	4.0661	-.33745	466820.
#3	-.31242	464040.	9.1784	65.169	3.9476	-.24931	462960.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.000	600000.	10.000		200.00	5.0000	600000.
Low	-10.000	400000.	-10.000		-200.00	-5.0000	400000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.26066	-.00622	-.90722	1.3889	194160.	55.758	503280.
SDev	.23987	.43757	.24209	.1590	805.	2.387	2264.
%RSD	92.026	7040.2	26.684	11.446	.41456	4.2812	.44975
#1	-.49927	.24713	-1.0464	1.5491	194530.	56.603	504460.
#2	-.26317	-.51148	-1.0476	1.2312	194720.	57.607	504710.
#3	-.01954	.24570	-.62769	1.3866	193240.	53.063	500670.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	240000.	5000.0	600000.
Low	-5.0000	-50.000	-10.000	-25.000	160000.	-5000.0	400000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.43038	.05324	381.53	-1.5925	-1.2000	2.2362	5.0276
SDev	.00274	1.4336	46.00	.6628	1.2052	7.8814	4.2886
%RSD	.63577	2692.8	12.057	41.620	100.43	352.45	85.301
#1	.43231	-1.6021	404.78	-1.0088	-1.5811	L-5.6180	3.3343
#2	.43157	.88694	411.26	-1.4556	.14969	2.1821	9.9044
#3	.42725	.87487	328.54	-2.3130	-2.1686	H10.145	1.8442
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	2.1217	1.0070	4.6793	-4.4308	7.3683	22.156	-12.860
SDev	6.0149	.0916	1.8939	.7843	.8043	1.184	1.912
%RSD	283.49	9.0924	40.475	17.701	10.915	5.3428	14.865
#1	-.38044	.95667	6.1891	-5.0188	6.9045	20.848	-12.779
#2	8.9838	1.1127	2.5542	-4.7332	6.9034	22.464	-10.991
#3	-2.2382	.95163	5.2946	-3.5403	8.2970	23.155	-14.811
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

Low			-10.000	-50.000	-20.000

Elem	1960/1	1960/2
Units	ug/L	ug/L
Avge	-.58069	3.6425
SDev	14.6601	6.4988
%RSD	2524.6	178.41
#1	-9.1568	-3.8513
#2	-8.9321	7.7309
#3	16.347	7.0481
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11077	--	--	--	--	--	--
SDev	51.96153	--	--	--	--	--	--
%RSD	.4690938	--	--	--	--	--	--
#1	11047	--	--	--	--	--	--
#2	11047	--	--	--	--	--	--
#3	11137	--	--	--	--	--	--

Method: TRACE2 Sample Name: ICSAB-1-2 Operator:
Run Time: 07/01/96 16:34:46
Comment:
M 'e: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	L214.35	466310.	100.79	80.923	508.18	498.29	466410.
SDev	.70	1190.	8.70	.708	.56	1.55	1656.
%RSD	.32457	.25517	8.6333	.87522	.10944	.31163	.35499
#1	L214.51	466440.	110.71	81.168	508.49	499.13	467130.
#2	L214.94	467430.	97.212	81.475	508.51	499.24	467590.
#3	L213.58	465060.	94.441	80.124	507.54	496.50	464520.
Errors	LC Low	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	1200.0	600000.	120.00		600.00	600.00	600000.
Low	800.00	400000.	80.000		400.00	400.00	400000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	930.91	467.56	481.94	540.23	195090.	63.465	503840.
SDev	3.14	1.42	1.74	1.19	605.	3.716	1446.
%RSD	.33758	.30432	.36071	.21986	.30994	5.8546	.28700
#1	932.31	468.26	482.80	540.73	195380.	63.234	504600.
#2	933.11	468.49	483.07	541.08	195490.	67.290	504740.
#3	927.31	465.92	479.94	538.87	194390.	59.870	502170.
rors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1200.0	600.00	600.00	600.00	240000.	5000.0	600000.
Low	800.00	400.00	400.00	400.00	160000.	-5000.0	400000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	493.79	.38784	-704.88	926.97	L49.407	50.437	601.25
SDev	1.29	.99535	52.42	3.43	1.195	2.641	3.44
%RSD	.26170	256.64	7.4367	.36953	2.4191	5.2353	.57213
#1	494.09	-.60648	-674.34	930.44	L49.937	49.639	605.08
#2	494.90	1.3842	-674.90	926.87	L50.246	53.384	598.42
#3	492.37	.38581	-765.41	923.59	L48.039	48.287	600.25
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Low	LC Pass	LC Pass
High	600.00		5000.0	1200.0	1200.0	60.000	720.00
Low	400.00		-5000.0	800.00	800.00	40.000	480.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-1.4174	1.4237	102.88	500.39	920.02	68.991	39.630
SDev	1.7961	.1574	2.79	.78	2.91	1.171	1.207
%RSD	126.72	11.056	2.7136	.15668	.31673	1.6980	3.0459
#1	-.38044	1.4252	103.19	500.17	920.43	69.510	40.165
	-.38044	1.5804	99.949	501.26	922.72	69.814	40.476
	-3.4914	1.2656	105.51	499.74	916.93	67.650	38.247
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			120.00	600.00	1200.0		

Low			80.000	400.00	800.00

em	1960/1	1960/2
its	ug/L	ug/L
Avge	48.764	51.271
SDev	11.902	3.804
%RSD	24.408	7.4202
#1	37.608	55.646
#2	61.293	49.435
#3	47.391	48.734
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	11059	--	--	--	--	--	--
SDev	22.30097	--	--	--	--	--	--
%RSD	.2016606	--	--	--	--	--	--
#1	11042	--	--	--	--	--	--
#2	11050	--	--	--	--	--	--
#3	11084	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCV-1-7 Operator:
Run Time: 07/01/96 16:40:31
Comment:
Type: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	482.30	9432.6	485.63	4945.1	459.67	483.88	98981.
SDev	1.68	29.4	3.61	10.9	1.18	.77	124.
%RSD	.34883	.31203	.74300	.22076	.25716	.15962	.12559
#1	484.15	9447.6	481.68	4951.1	460.76	484.73	99124.
#2	480.86	9398.7	486.44	4932.5	458.41	483.22	98894.
#3	481.89	9451.5	488.76	4951.8	459.84	483.68	98927.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	11000.	550.00	5500.0	550.00	550.00	110000.
Low	450.00	9000.0	450.00	4500.0	450.00	450.00	90000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	461.54	464.05	483.49	490.98	96858.	95762.	92643.
SDev	1.47	.47	1.05	.62	158.	191.	122.
%RSD	.31850	.10129	.21771	.12604	.16363	.19911	.13181
#1	462.38	464.59	484.62	491.54	97035.	95954.	92731.
#2	459.84	463.73	483.33	490.31	96730.	95573.	92504.
#3	462.39	463.82	482.53	491.07	96809.	95759.	92696.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	550.00	550.00	110000.	110000.	110000.
Low	450.00	450.00	450.00	450.00	90000.	90000.	90000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	480.78	474.49	90862.	463.00	466.69	482.45	483.12
SDev	.91	.90	277.	.59	2.04	2.08	2.13
%RSD	.18867	.19007	.30459	.12835	.43754	.43029	.44049
#1	481.80	473.60	91182.	462.74	466.61	484.85	480.67
#2	480.08	474.46	90712.	463.68	468.77	481.30	484.53
#3	480.45	475.41	90693.	462.57	464.69	481.21	484.15
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.00	550.00	110000.	550.00	550.00	550.00	550.00
Low	450.00	450.00	90000.	450.00	450.00	450.00	450.00

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	514.85	10259.	463.20	489.59	477.47	475.37	462.35
SDev	2.57	20.	.76	1.03	.73	3.39	1.66
%RSD	.49956	.19806	.16503	.21040	.15242	.71374	.35895
#1	517.82	10281.	462.61	490.77	478.27	473.67	463.08
	513.23	10241.	462.93	489.17	477.29	479.28	463.52
#3	513.50	10254.	464.06	488.84	476.84	473.17	460.45
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	550.00	11000.	550.00	550.00	550.00		

Method: TRACE2 Sample Name: CCB-1-7 Operator:
Run Time: 07/01/96 16:46:16
Comment:
Type: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba2/4	Be3130	Ca3179
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	-.29138	59.605	1.4532	83.432	.29889	.62378	56.671
SDev	.09634	20.304	.8863	2.150	.04680	.05771	27.016
%RSD	33.065	34.064	60.992	2.5764	15.660	9.2515	47.672
#1	-.20201	42.539	1.0978	85.903	.26486	.59417	31.744
#2	-.27867	54.217	2.4621	81.994	.27954	.58689	52.891
#3	-.39344	82.060	.79972	82.400	.35227	.69028	85.377
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.0000	200.00	10.000		200.00	5.0000	5000.0
Low	-5.0000	-200.00	-10.000		-200.00	-5.0000	-5000.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.22436	.05775	.06014	.15472	17.662	51.247	33.859
SDev	.46660	.00012	.47296	.23780	13.079	5.245	23.723
%RSD	207.97	.20473	786.39	153.70	74.049	10.235	70.064
#1	.37411	.05774	-.00268	.37498	8.0232	46.136	13.741
#2	.59770	.05764	-.37827	.18659	12.414	50.989	27.818
#3	-.29873	.05788	.56138	-.09741	32.550	56.617	60.019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.0000	50.000	10.000	25.000	100.00	5000.0	5000.0
Low	-5.0000	-50.000	-10.000	-25.000	-100.00	-5000.0	-5000.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Pb2203	Se1960	Sb2068
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.17348	1.0393	533.46	.29230	-.14261	-.81756	3.1801
SDev	.00015	.9332	26.93	.20189	1.58574	.23153	2.1947
%RSD	.08334	89.791	5.0477	69.068	1112.0	28.319	69.012
#1	.17333	2.0851	538.11	.29371	-1.5821	-1.0794	.65301
#2	.17348	.29136	557.77	.49348	1.5572	-.73319	4.2797
#3	.17362	.74149	504.51	.08971	-.40283	-.64004	4.6077
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000		5000.0	40.000	3.0000	5.0000	60.000
Low	-15.000		-5000.0	-40.000	-3.0000	-5.0000	-60.000

Elem	Sn1899	Ti3372	Tl1908	V_2924	Zn2062	2203/1	2203/2
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Avge	.55850	1.5522	.12509	.17055	3.6807	-.02262	-.20251
SDev	1.3003	.4072	1.8526	.26388	.2536	2.52010	1.11998
%RSD	232.83	26.234	1481.0	154.72	6.8895	11142.	553.05
#1	-.94301	1.3167	2.1906	.43428	3.8245	-2.3513	-1.1981
#2	1.3085	1.3174	-.42556	.17085	3.8296	2.6530	1.0101
#3	1.3100	2.0224	-1.3898	-.09648	3.3879	-.36954	-.41944
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High			10.000	50.000	20.000		

Low			-10.000	-50.000	-20.000

em	1960/1	1960/2
Units	ug/L	ug/L
Avge	-.87498	-.78889
SDev	2.45991	1.15326
%RSD	281.14	146.19
#1	-2.3850	-.42762
#2	1.9635	-2.0795
#3	-2.2035	.14050
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	12249	--	--	--	--	--	--
SDev	10.01665	--	--	--	--	--	--
%RSD	.0817730	--	--	--	--	--	--
#1	12259	--	--	--	--	--	--
#2	12250	--	--	--	--	--	--
#3	12239	--	--	--	--	--	--

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 6/27/96

Shift:

Instrument No.: TJA 1000

Batch No.: 1934, 1919, 1922, 1929

Raw Data W/: 1934

Analyst: VD

Supervisor:

Prep Date: 6/27/96

Prep Time

Start: 5:00 PM

End: 7:00 PM

Water Bath: 95C T, OC

RUN LOG

Parameter: Mercury

Matrix: Liquids/Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
	ICV-1				3.931		TV=4.0 ppb %R= 98.28%
	ICB-1				-0.0282		
	CCV-1-1				3.948		TV=4.0 ppb %R= 98.70%
	CCB-1-1				0.0747		
1	CRA-1				0.1761		TV=0.2 ppb %R= 88.05%
2	PB W	1934	1D		-0.0084		
3	LCS W	"	1D		0.9235		TV=1.0 ppb %R= 92.35%
4	T606239-8	"	1D		0.0237		
5	T606239-11	"	1D		-0.0109		
6	T606239-11D	"	1D		-0.0491		
7	T606239-11MS	"	1D		0.9863		TV=1.0 PPb %R=98.63%
8	T606278-2	"	1D		-0.0085		
9	T606209-19	1919	1D		-0.0591		
10	—	—	—	—	—	—	
	CCV-1-2				4.041		TV=4.0 ppb %R= 101.03%
	CCB-12				0.0198		

000381

0121

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: VD Analyst: 6/27/96

RUN LOG

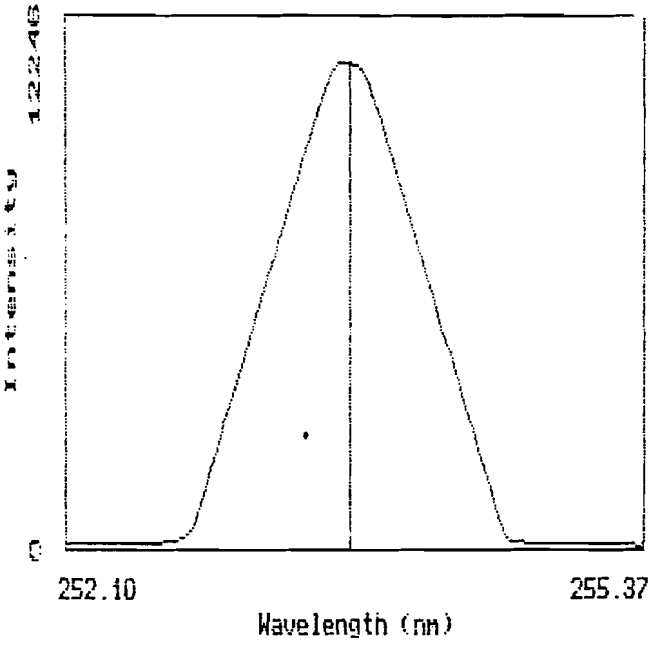
Parameter: Mercury

Matrix: Liquids / Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
1	T606231-18	1922	1D	-	-0.0419		
2	T606310-1	1929	1D		-0.0640		
3	T606310-2	"	1D		0.0518		
4	T606310-3	"	1D		0.1190		
5	T606310-4	"	1D		0.3607		
6	T606310-5	"	1D		0.0972		
7	T606310-6	"	1D		-0.0475		
8	T606310-7	"	1D		0.0239		
9	T606310-8	"	1D		-0.0258		
10	T606310-9	"	1D		-0.0386		
	CCV-1-3				3.784		TV = 4.0 ppb %R = 94.60 %
	CCB-1-3				-0.0261		
1	T606310MO	1929	1D		0.0305		
2	T606231-3	1922	1D		-0.0441		
3	T606231-6	1922	1D		0.0190		
4							
5							
6							
7							
8							
9							
10							
	CCV-1-4				3.847		TV = 4.0 ppb %R = 96.18
	CCB-1-4				-0.0036		

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



Peak Offset: None

Wavelength : 253.70
Intensity : 11133

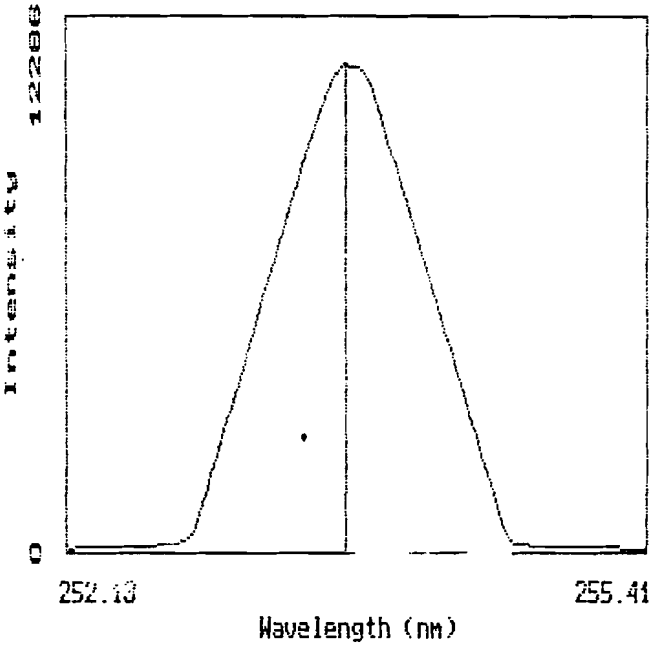
Inst Offset: 3
D/A Number : 26742

ANALYST SIGNATURE: Theresa Reneek

SUPERVISOR SIGNATURE:

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



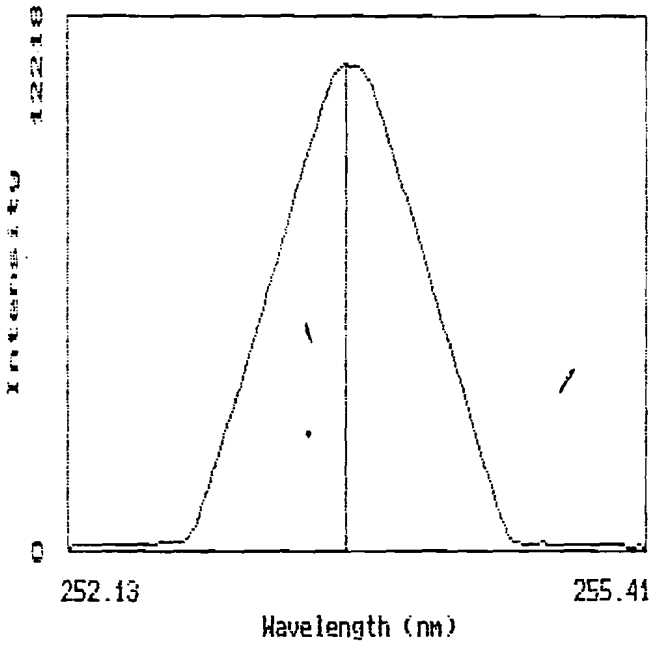
Peak Offset: None

Wavelength : 253.70
Intensity : 11169

Inst Offset: 6
D/A Number : 26745

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



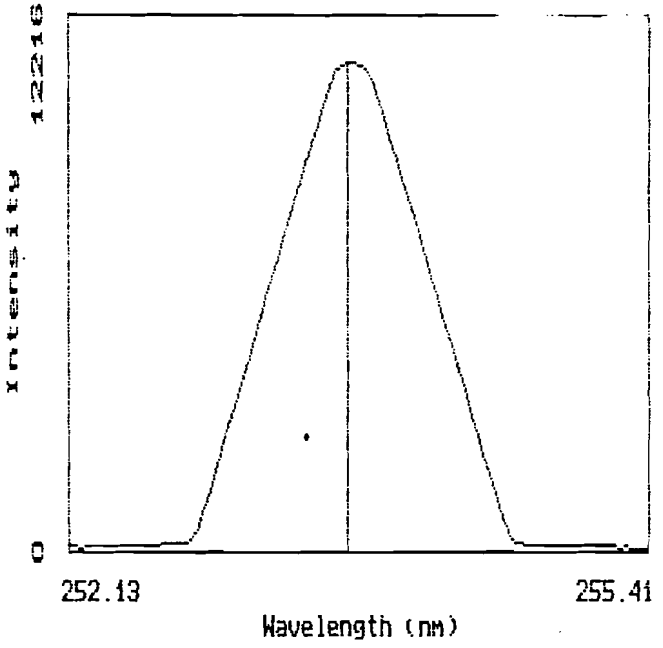
Peak Offset: None

Wavelength : 253.70
Intensity : 11107

Inst Offset: 6
D/A Number : 26745

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



Peak Offset: None

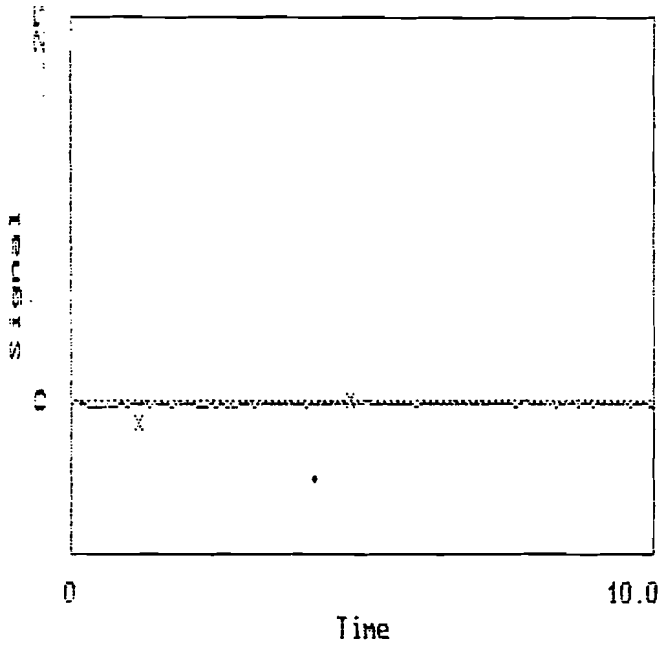
Wavelength : 253.70
Intensity : 11105

Inst Offset: 6
D/A Number : 26745

Method: HG Standard: BlankSTD 06/27/96 08:08

xHg

#1 .0004



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Thu 06-27-96 08:10:30 PM page 1

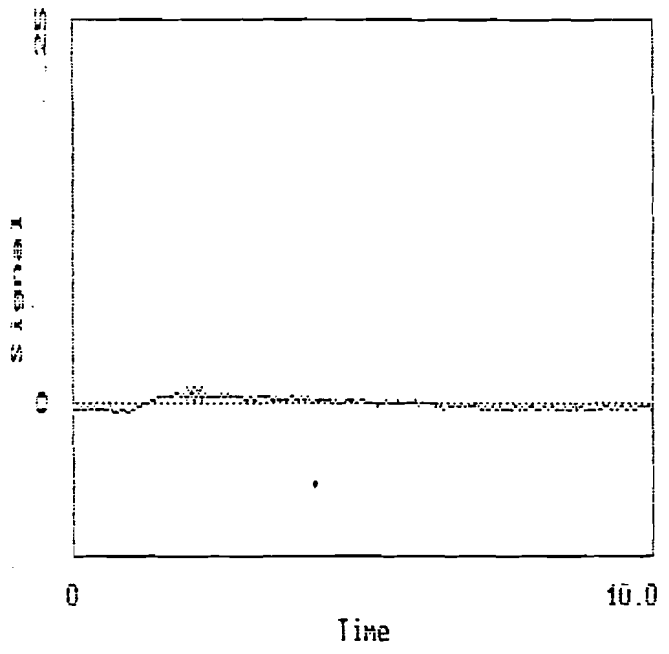
Method: HG Standard: BlankSTD Date: 06/27/96 08:08

Elem	Hg
Avge	.0004

Method: HG Standard: STD1 06/27/96 08:13

xHg

#1 .0058



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Thu 06-27-96 08:14:48 PM page 1

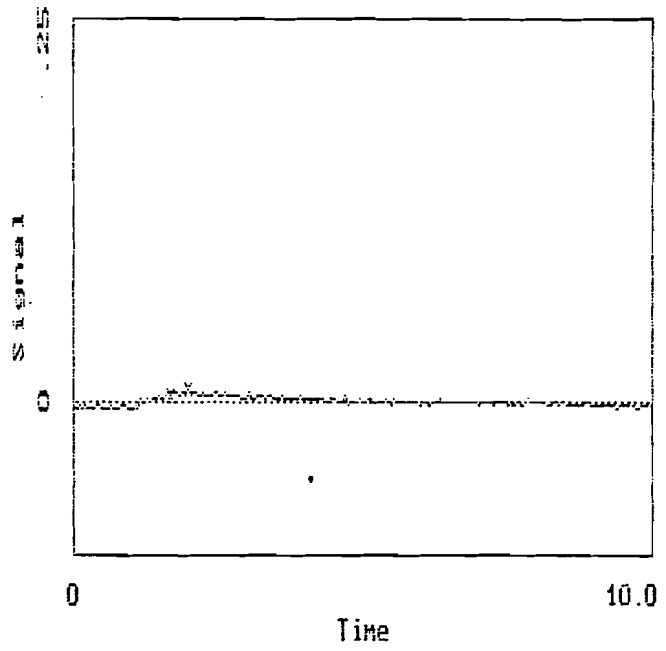
Method: HG Standard: STD1 Date: 06/27/96 08:13

Elem	Hg
Avge	.0058

Method: HG Standard: STD1 06/27/96 08:16

xHg

#1 .0075



Corrected ———
Uncorrected - - - - -

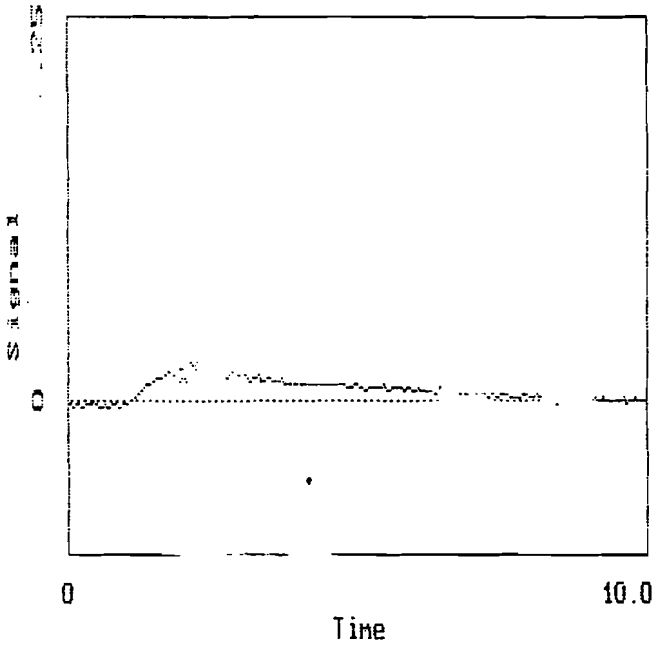
Method: HG Standard: STD1 Date: 06/27/96 08:16

Elem	Hg
Avge	.0075

Method: HG Standard: STD2 06/27/96 08:20

xHg

#1 .0205



Corrected ————
Uncorrected - - - - -

Standardization Rpt. Thu 06-27 96 08:22:06 PM page 1

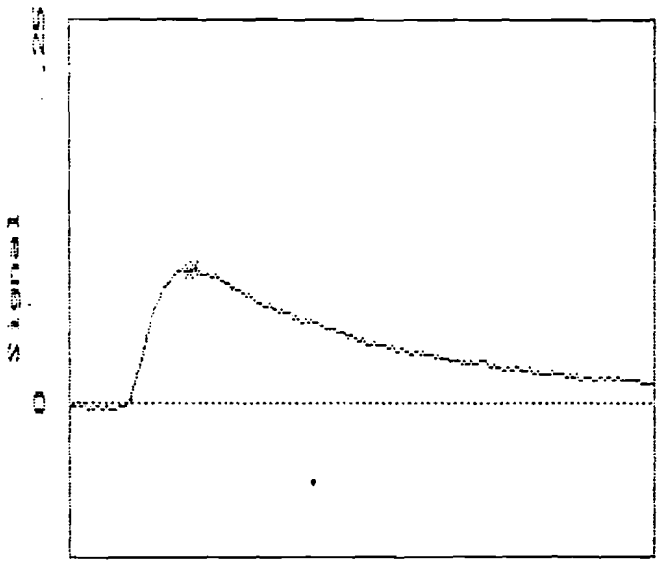
Method: HG Standard: STD2 Date: 06/27/96 08:20

Elem	Hg
Avge	.0205

Method: HG Standard: STD3 06/27/96 08:25

xHg

#1 .0856



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Thu 06-27-96 08:27:00 PM page 1

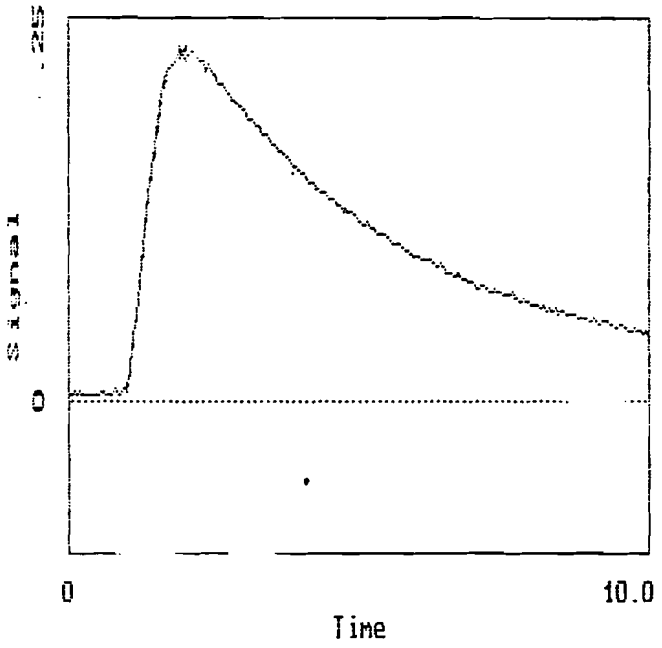
Method: HG Standard: STD3 Date: 06/27/96 08:25

Elem	Hg
Avge	.0856

Method: HG Standard: STD4 06/27/96 08:28

xHg

#1 .2255



Corrected ——————
Uncorrected - - - - -

Standardization Rpt. Thu 06-27-96 08:30:40 PM page

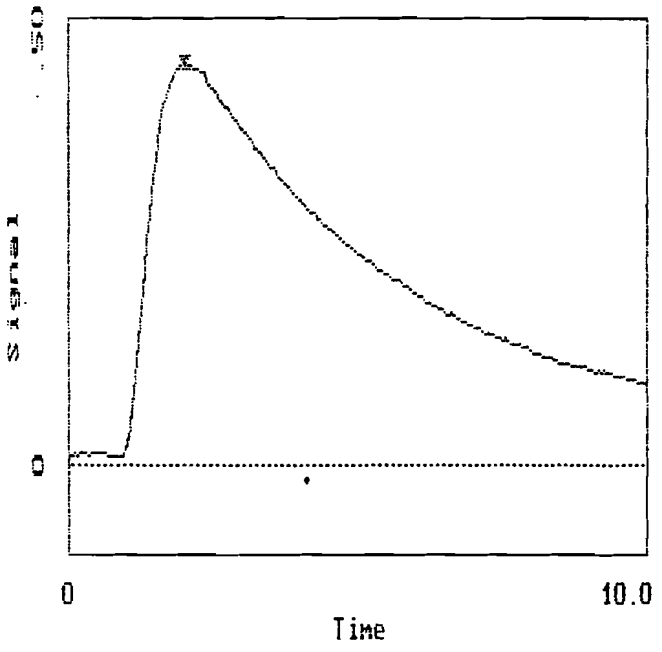
Method: HG Standard: STD4 Date: 06/27/96 08:28

Elem	Hg
Avge	.2255

Method: HG Standard: STD5 06/27/96 08:31

xHg

#1 .4464



Corrected ———
Uncorrected - - - - -

.Standardization Rpt. Thu 06-27-96 08:33:08 PM page 1

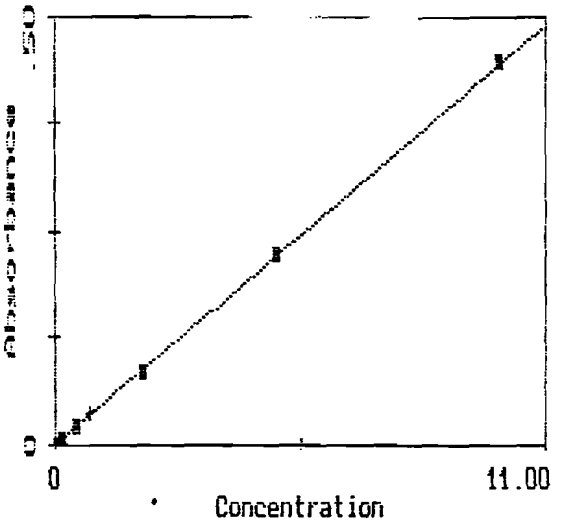
Method: HG Standard: STD5 Date: 06/27/96 08:31

Elem	Hg
Avge	.4464

Method: HG Element: Hg Wavelength: 253.70 Element 1 of 1

Correlation Coefficient: .999767
Conc. Correlation: .999995

Coefficients
a1 = .044379 Abs : .035633
a2 = 0 Conc : .80292
a3 = 0



Fit Straight Line

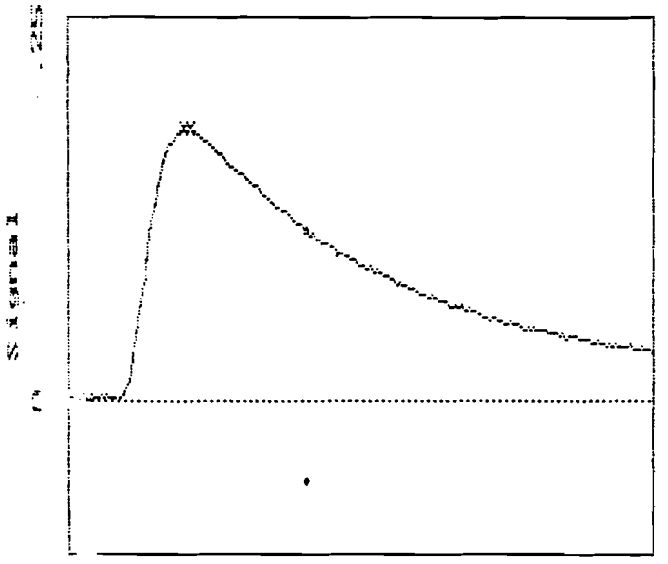
Date: 27 Jun 96 20:31
Slope corr.: 1

Standard:	BlankSTD	STD1	STD2	STD3	STD4	STD5
Absorbance:	0.0000	.007524	.020546	.08558	.22548	.44636
Known conc.:	0	.2	.5	2	5	10
Calc. conc.:	0.0000	.169528	.462965	1.92836	5.08073	10.0578
Residual:	0.0000	-.030472	-.037035	-.071639	.080733	.057883

HG Unk Conc F:1 SN:ICV-1 06/27/96 20:36:10

xHg

#1 3.931



Corrected ———
Uncorrected - - - - -

Analysis Report Thu 06-27-96 08:37:53 PM page

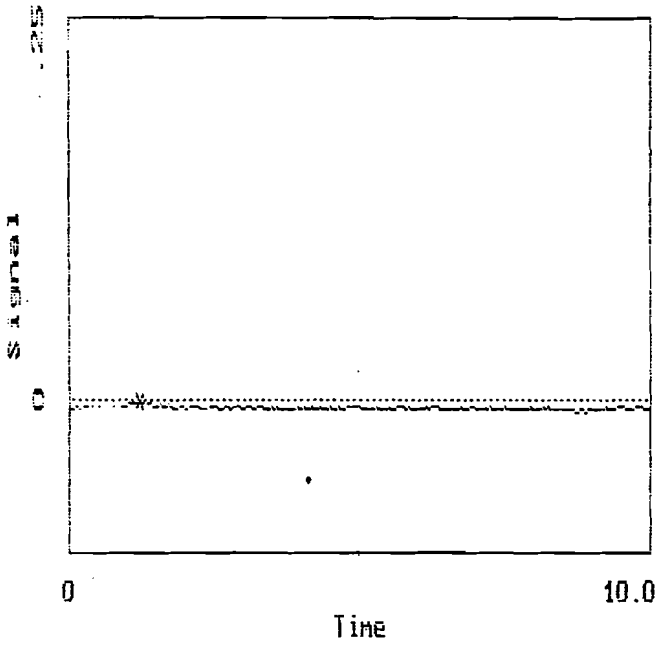
Method: HG Sample Name: ICV-1 Operator: AMB
Run Time: 06/27/96 [illegible]
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	3.931

Hg Unk Conc F:1 SN:ICB-1 06/27/96 20:39:39

xHg

#1 -.0282



Corrected ———
Uncorrected - - - - -

Analysis Report Thu 06-27-96 08:41:22 PM page

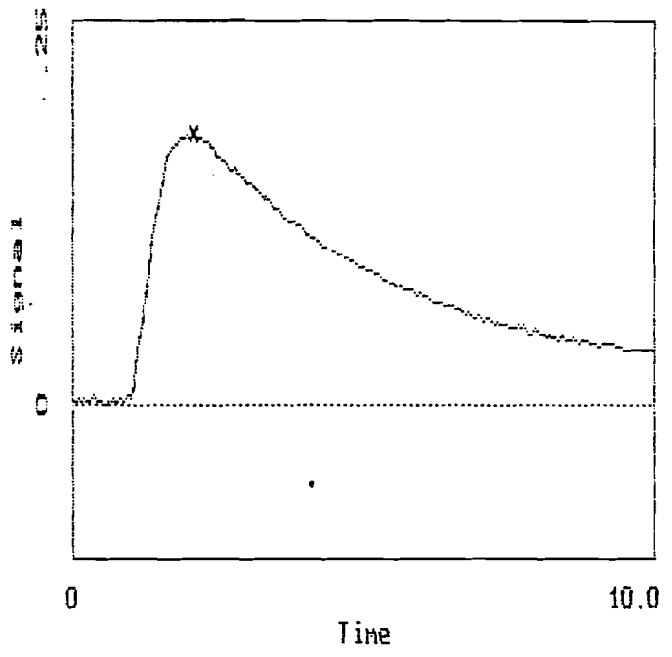
Method: HG Sample Name: ICB-1 Operator: AMB
Run Time: 06/27/96 20:09:39
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	<.0000

HG Unk Conc F:1 SN:CCV-1-1 06/27/96 20:42:42

xHg

#1 3.948



Corrected ———
Uncorrected - - - - -

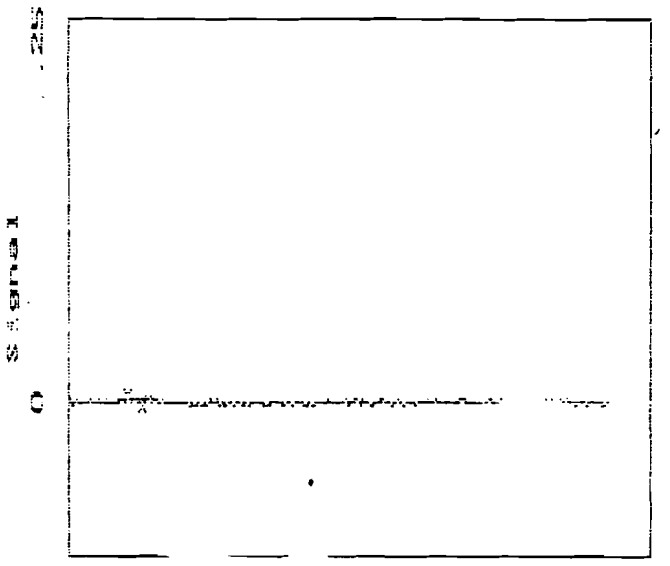
Method: HG Sample Name: CCV-1-1 Operator: AMB
Run Time: 06/27/96 20:42:42
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	3.948

HG Unk Conc F:1 SN:CCB-1-1 06/27/96 20:46:18

xHg

#1 .0747



Corrected - ——
Uncorrected - - - - -

Analysis Report Thu 06-27-96 08:48:01 PM page

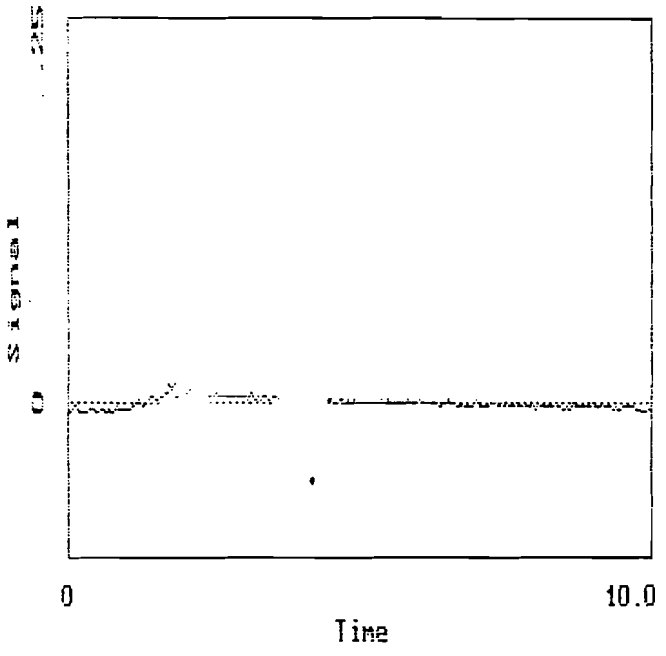
Method: HG Sample Name: CCB-1-1 Operator: AMB
Run Time: 06/27/96 20:46:18
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0747

HG Unk Conc F:1 SN:CRA-1 06/27/96 20:49:57

x10^3

#1 .1527



Corrected ———
Uncorrected - - - - -

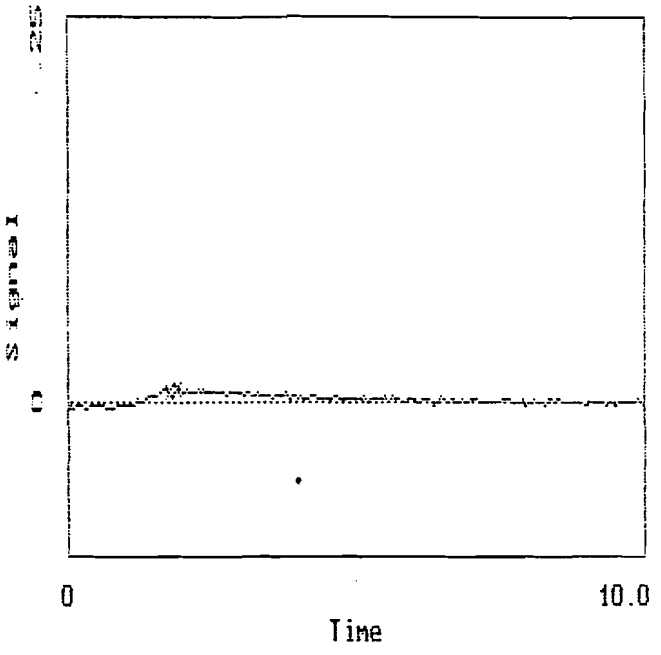
Method: HG Sample Name: CRA-1 Operator: VD
Run Time: 06/27/96 20:49:57
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.1527

HG Unk Conc F:1 SN:CRA-1 06/27/96 20:54:08

xHg

#1 .1761



Corrected ———

Uncorrected - - - - -

Analysis Report

Thu 06-27-96 08:55:51 PM

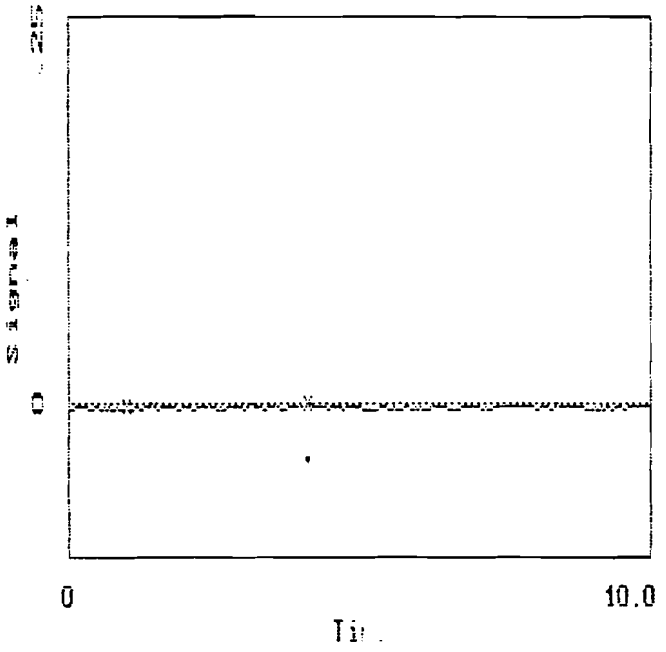
Method: HG Sample Name: CRA-1
Run Time: 06/27/96 20:54:08 Operator: VD
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.1761

HG Unk Conc F:1 SN:PBW-1934 06/27/96 20:57:34

xHg

#1 -.0004



Corrected ———
Uncorrected - - - - -

Analysis Report Thu 06-27-96 08:59:17 PM page 1

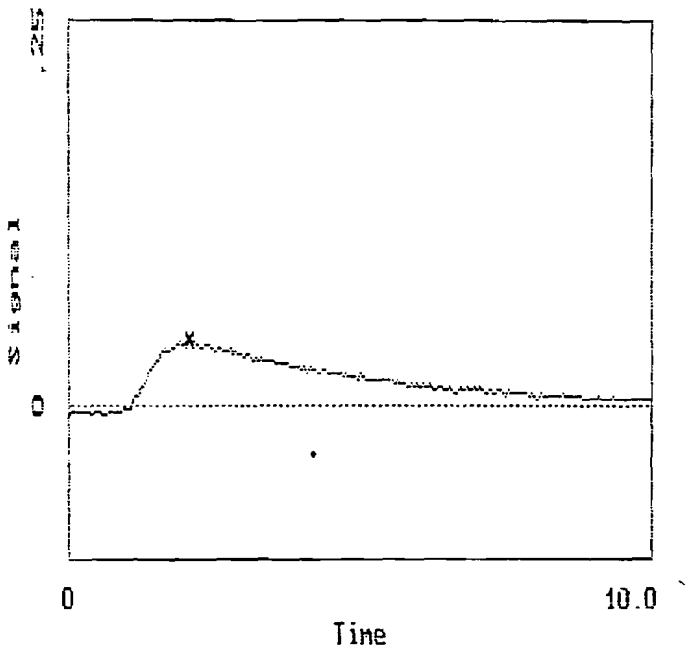
Method: HG Sample Name: PBW-1934 Operator: VD
Run Time: 06/27/96 20:57:34
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	<.0000

HG Unk Conc F:1 SN:LCSW-1934 06/27/96 21:01:26

xHg

#1 .9235



Corrected ———
Uncorrected - - - - -

Analysis Report Thu 06-27-96 09:03:09 PM page 1

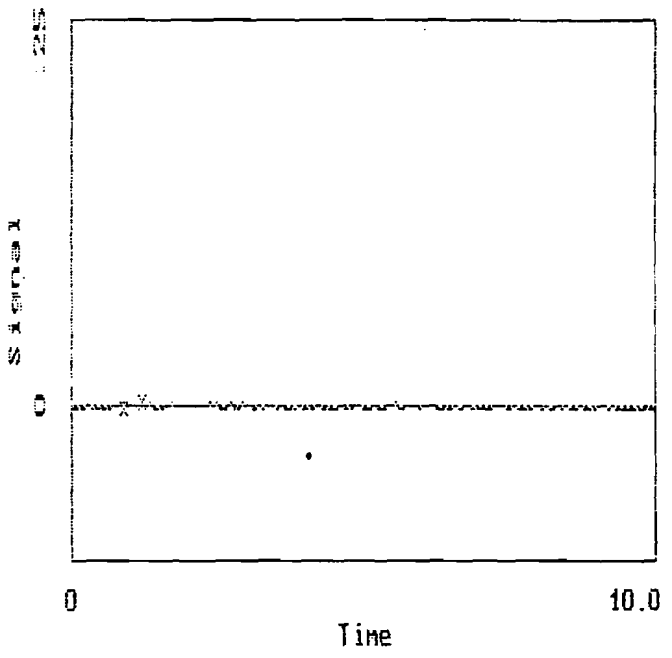
Method: HG Sample Name: LCSW-1934 Operator: VD
Run Time: 06/27/96 21:01:26
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.9235

HG Unk Conc F:1 SN:I606239-8 06/27/96 21:05:19

xHg

#1 .0237



Corrected ———
Uncorrected - - - - -

Analysis Report

Thu 06-27-96 09:07:02 PM page

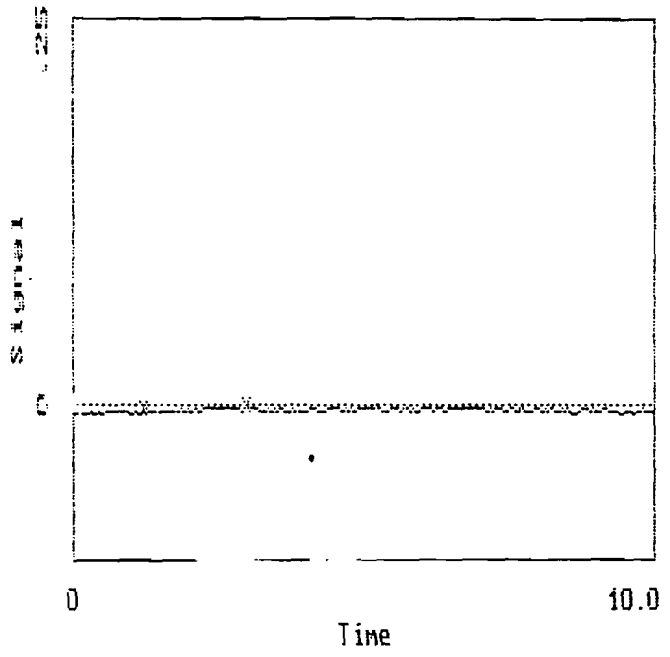
Method: HG Sample Name: T606739-8 Operator: VD
Run Time: 06/27/96 21:05:19
Comment:
Mode: Conc Corr. Factor : 1

Elem	Hg
Units	PPB
Avge	.0237

HG Unk Conc F:1 SN:T686239-11 06/27/96 21:00:33

xHg

#1 -.0103



Corrected ———
Uncorrected - - - - -

Analysis Report Thu 06-27-96 09:10:16 PM page 1

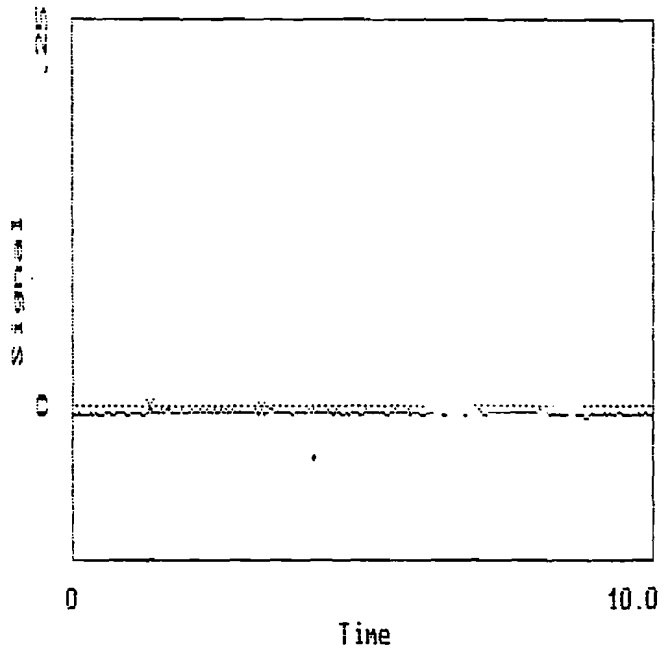
Method: HG Sample Name: T606239-11 Operator: VD
Run Time: 06/27/96 21:08:33
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	<.0000

HG Unk Conc F:1 SN:T686239-11D 06/27/96 21:12:04

xHg

#1 -.0491



Corrected ———
Uncorrected - - - - -

Analysis Report Thu 06-27-96 09:13:47 PM page

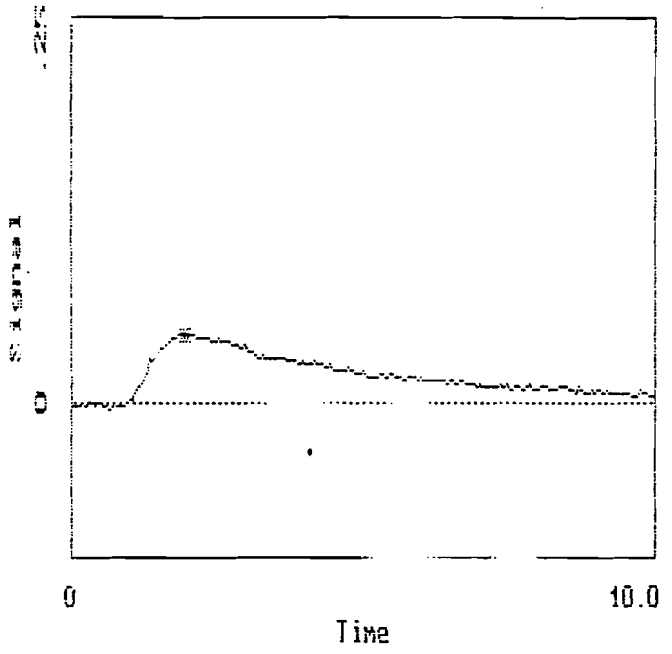
Method: HG Sample Name: T606239-11D Operator: VD
Run Time: 06/27/96 21:12:04
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	<.0000

HG Unk Conc F:1 SN:T686239-11MS 06/27/96 21:16:06

xHg

#1 .9863



Corrected ———
Uncorrected - - - - -

Analysis Report

Thu 06-27-96 09:17:48 PM

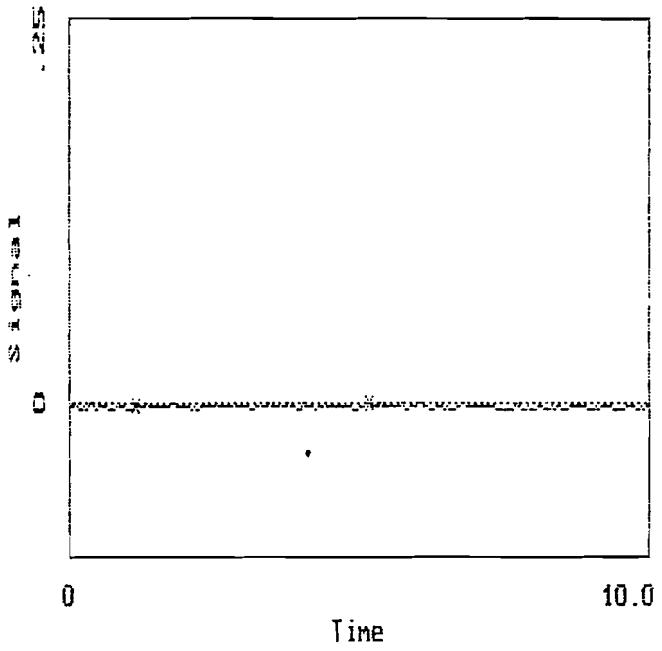
Method: HG Sample Name: T606239-11MS Operator: VD
Run Time: 06/27/96 21:16:06
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.9863

HG Unk Conc F:1 SN:T686278-2 06/27/96 21:19:36

xHg

#1 -.0885



Corrected ———
Uncorrected - - - - -

Analysis Report Thu 06-27-96 09:21:19 PM page

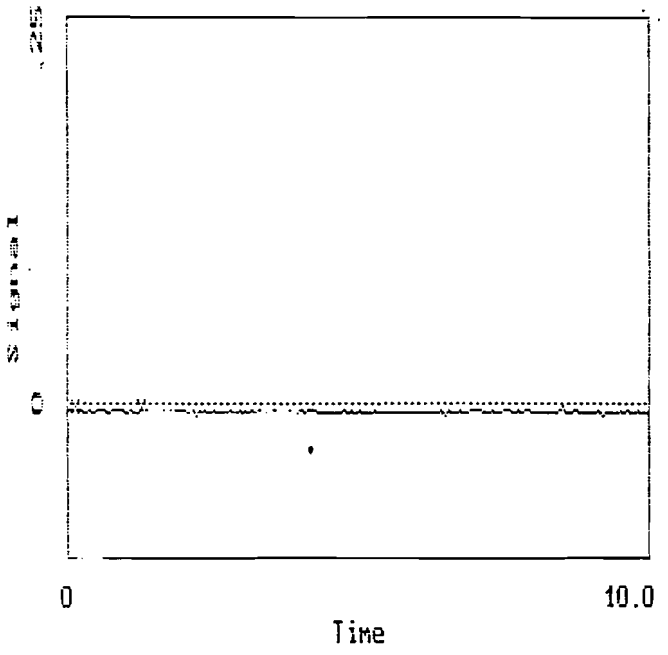
Method: HG Sample Name: T606278-2 Operator: VD
Run Time: 06/27/96 21:19:36
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	<.0000

HG Unk Conc F:1 SN:T686289-19 06/27/96 21:23:18

xHg

#1 -.0591



Corrected ———
Uncorrected - - - - -

Analysis Report Thu 06-27-96 09:25:01 PM page 1

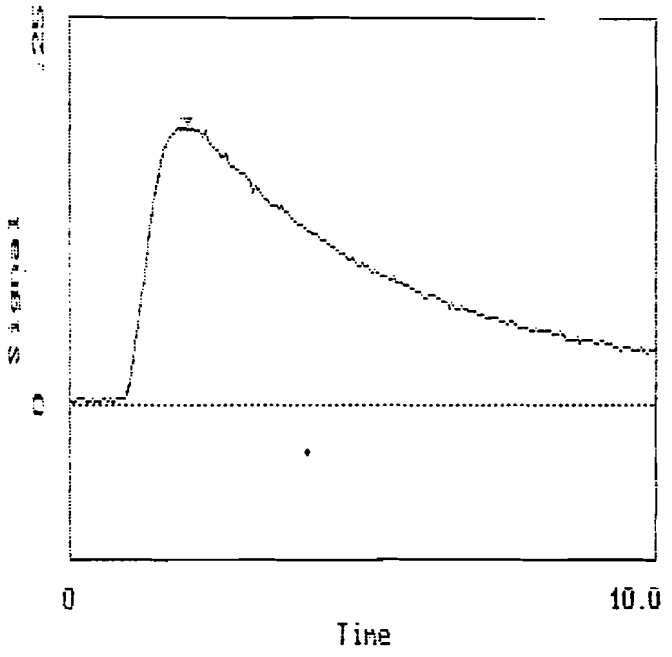
Method: HG Sample Name: T606209-19 Operator: VD
Run Time: 06/27/96 21:23:18
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	<.0000

HG Unk Conc F:1 SW:CCV-1-2 06/27/96 21:26:27

xHg

#1 4.841



Corrected ———
Uncorrected - - - - -

Analysis Report Thu 06-27-96 09:28:10 PM page

Method: HG Sample Name: CCV-1-2 Operator: VD
Run Time: 06/27/96 21:26:27
Comment:
Mode: Conc Corr. Factor: 1

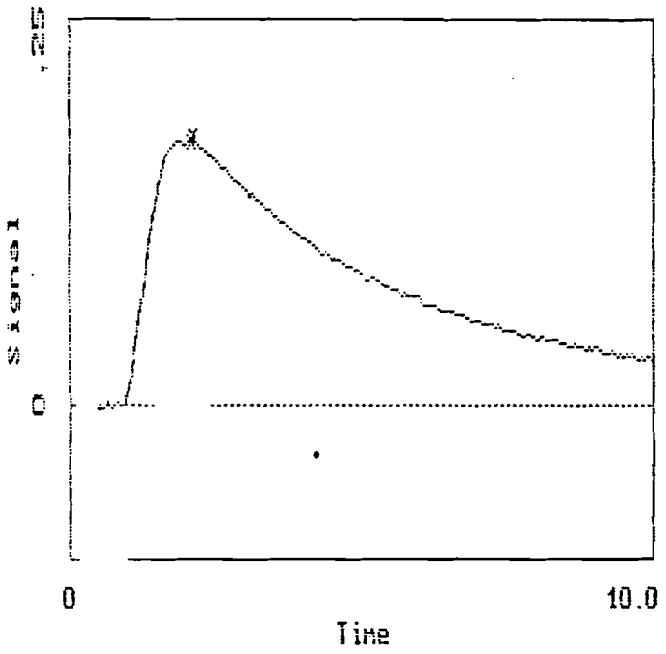
Elem	Hg
Units	PPB
Avge	4.041

CCV

MC Unk Conc F:1 SW:CCB-1-2 06/27/96 21:30:21

xHg

#1 3.88



Corrected ———
Uncorrected - - - - -

Analysis Report

Thu 06-27-96 09:32:04 PM

Method: HG

Sample Name: ~~CCB~~ CCV-1-2

Operator: VD

Run Time: 06/27/96 21:30:21

Comment:

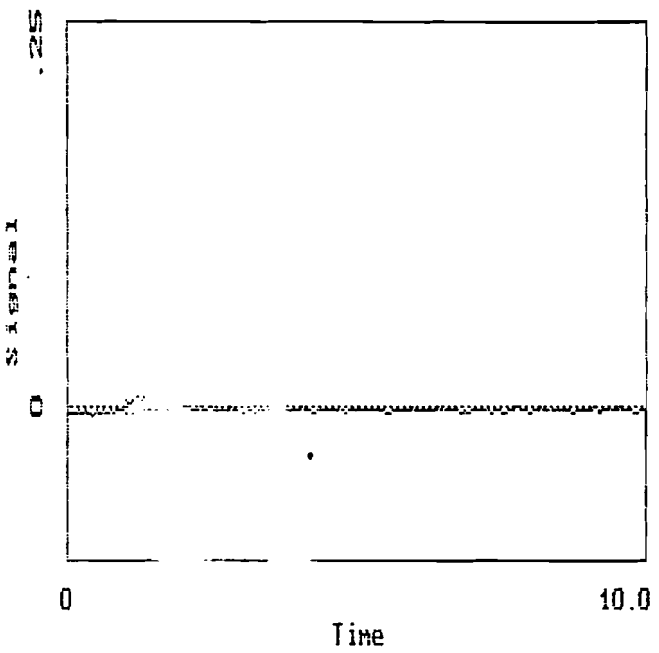
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	3.832

HG Unk Conc F:1 SN:CCB-1-2 06/27/96 21:34:07

xHg

#1 .0198



Corrected - ———
Uncorrected - - - - -

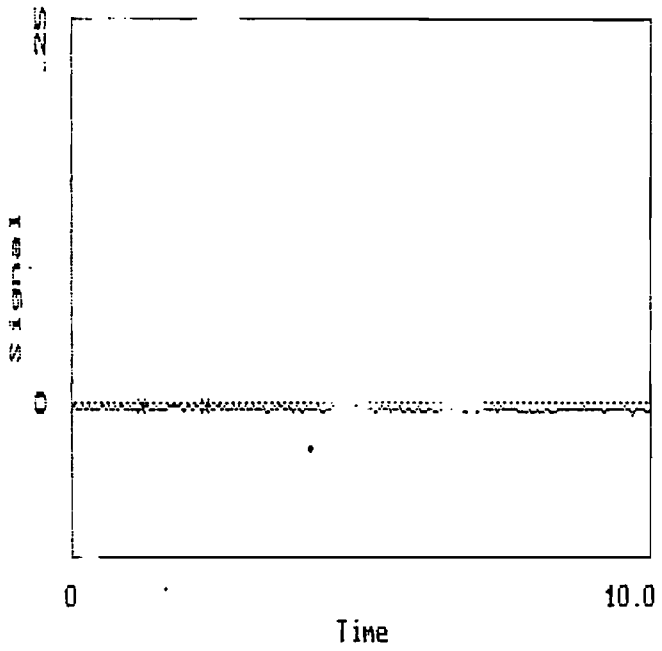
Method: HG Sample Name: CCB-1-2 Operator: VD
Run Time: 06/27/96 21:34:07
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0198

HG Unk Conc F:1 SN:T686231-18 06/27/96 21:40:48

xHg

#1 -.0419



Corrected ———
Uncorrected - - - - -

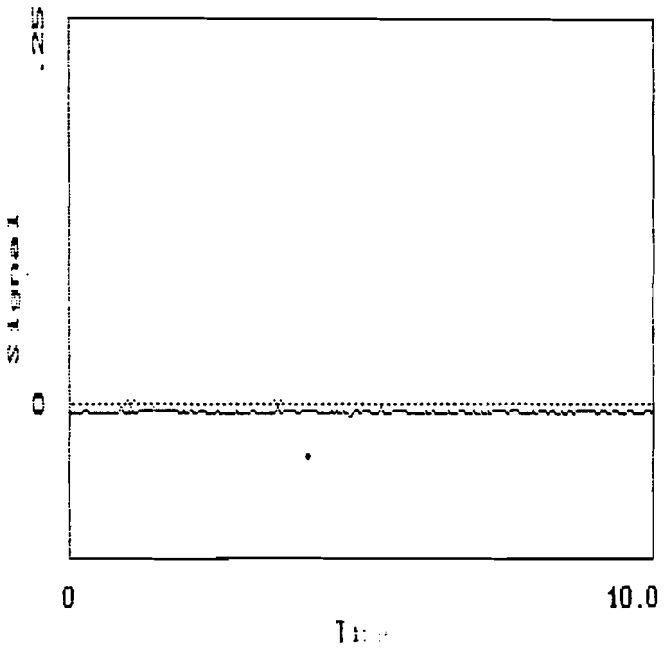
Method: HG Sample Name: T606231-18 Operator: VD
Run Time: 06/27/96 21:40:48
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	<.0000

HG Unk Conc F:1 SN:T686310-1 06/27/96 21:44:46

xHg

#1 -.0648



Corrected ———
Uncorrected - - - - -

Analysis Report Thu 06-27-96 09:46:29 PM page

Method: HG Sample Name: T606310-1 Operator: VD
Run Time: 06/27/96 21:44:46
Comment:
Mode: Conc Corr. Factor: 1

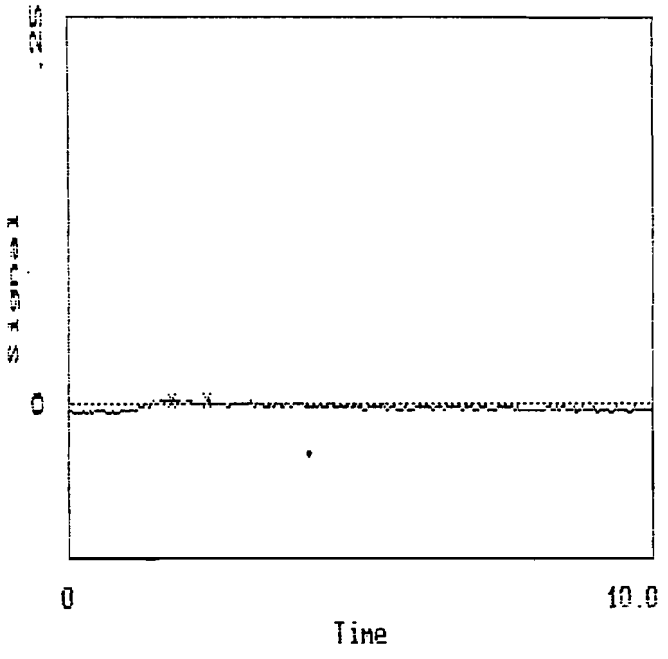
Elem	Hg
Units	PPB
Avge	<.0000

000439

HG Unk Conc F:1 SN:T606310-2 06/27/96 21:48:02

xHg

#1 .0518



Corrected ———
Uncorrected - - - - -

Analysis Report Thu 06-27-96 09:49:45 PM page 1

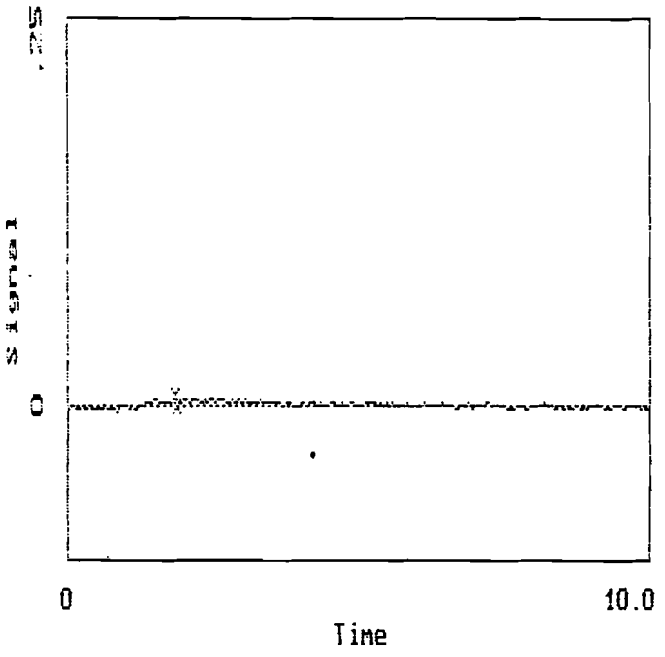
Method: HG Sample Name: T606310-2 Operator: VD
Run Time: 06/27/96 21:48:02
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0518

HG Unk Conc F:1 SN:I686310-3 06/27/96 21:51:16

xHg

#1 .1190



Corrected ———
Uncorrected - - - - -

Analysis Report Thu 06-27-96 09:52:59 PM page 1

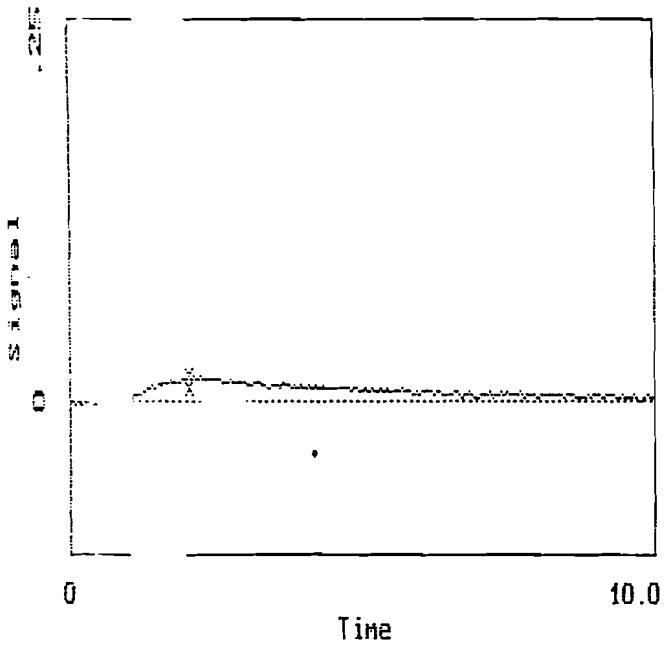
Method: HG Sample Name: T606310-3 Operator: VD
Run Time: 06/27/96 21:51:16
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.1190

Hg Unk Conc F:1 SN:T686310-4 06/27/96 21:54:57

xHg

#1 .3687



Corrected ———
Uncorrected - - - - -

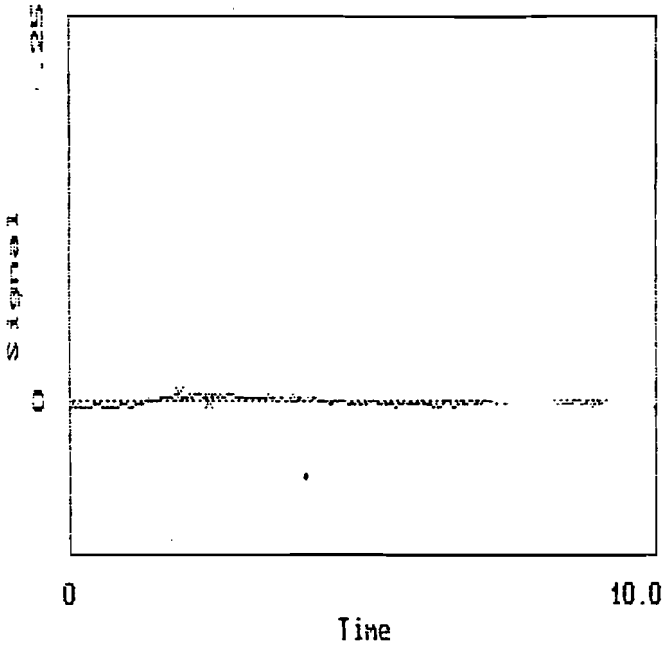
Method: HG Sample Name: T606310-4 Operator: VD
Run Time: 06/27/96 21:54:57
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.3607

HG Unk Conc F:1 SN:T606310-5 06/27/96 22:00:50

xHg

#1 .0972



Corrected ———
Uncorrected - - - - -

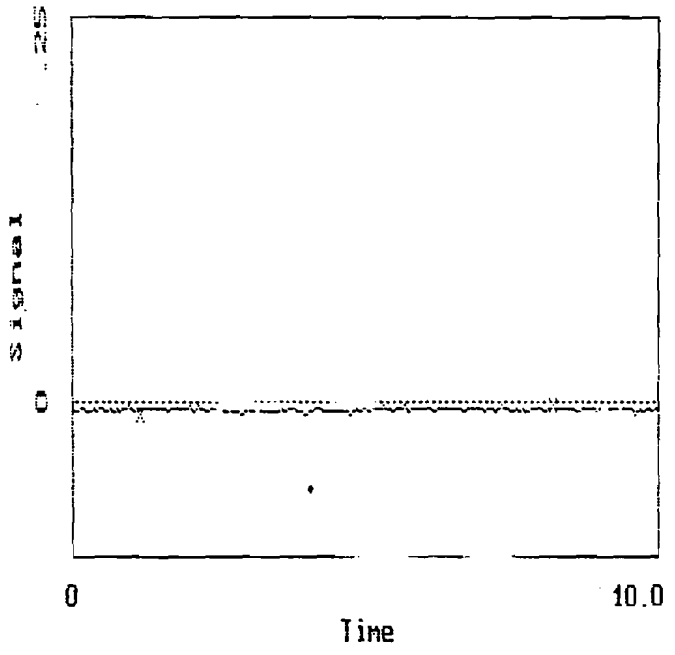
Method: HG Sample Name: T606310-5 Operator: VD
Run Time: 06/27/96 22:00:50
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0972

HG Unk Conc F:1 SN:I606310-6 06/27/96 22:04:11

xHg

#1 -.0475



Corrected ———

Uncorrected - - - - -

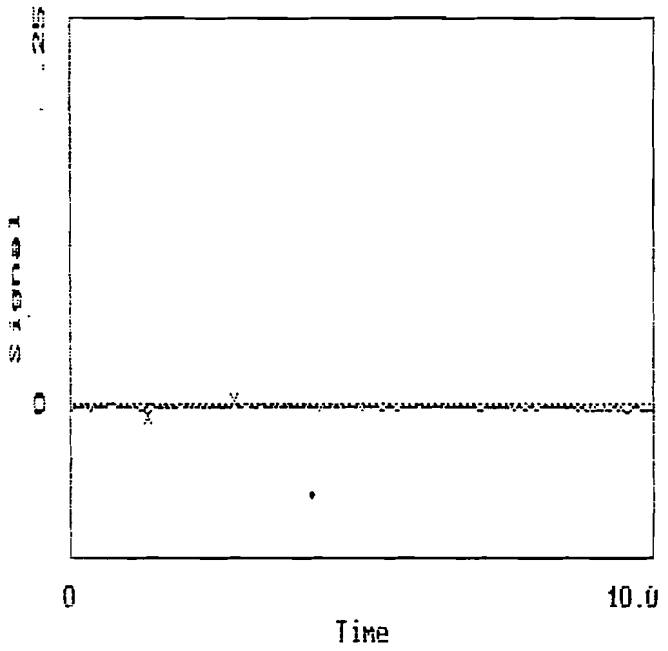
Method: HG Sample Name: T606310-6 Operator: VD
Run Time: 06/27/96 22:04:11
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	<.0000

HG Unk Conc F:1 SN:T606310-7 06/27/96 22:07:26

xHg

#1 .0239



Corrected ———
Uncorrected - - - - -

Analysis Report Thu 06-27-96 10:09:09 PM page

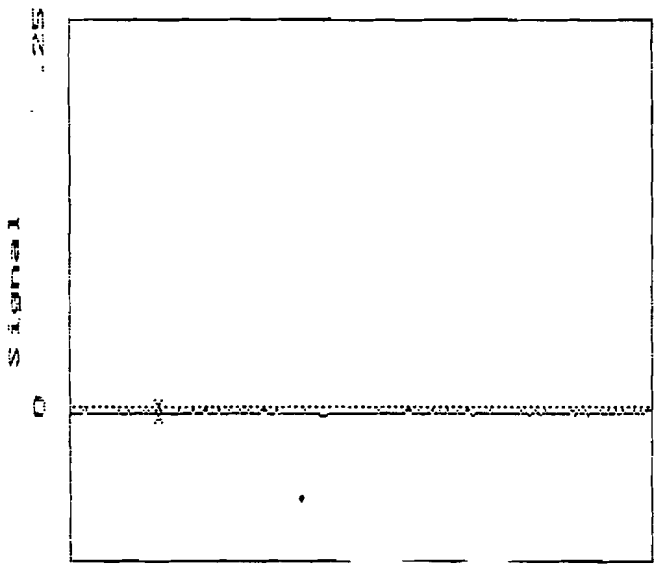
Method: HG Sample Name: T606310-7 Operator: VD
Run Time: 06/27/96 22:07:26
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0239

HG Unk Conc F:1 SN:T606310-8 06/27/96 22:11:05

xHg

E1 -.0258



Corrected - ——
Uncorrected - - - - -

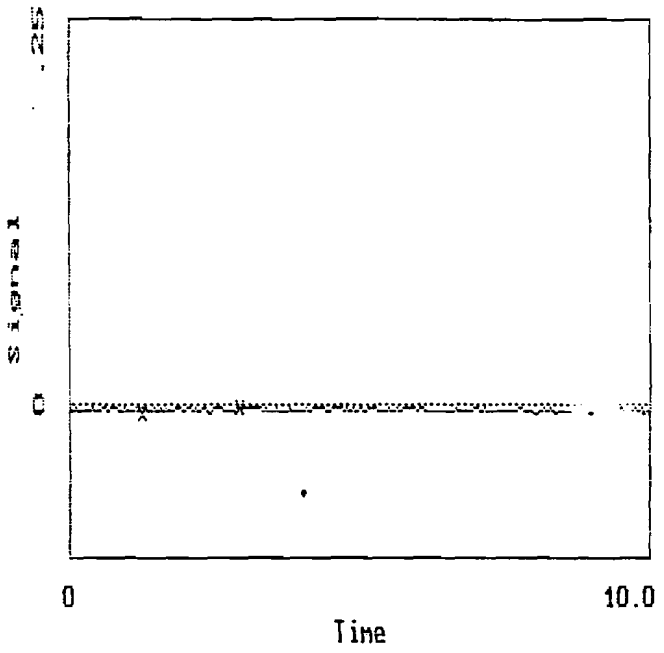
Method: HG Sample Name: T606310-8 Operator: VD
Run Time: 06/27/96 22:11:05
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	<.0000

HG Unk Conc F:1 SN:I606310-9 06/27/96 22:14:36

xHg

#1 -.0306



Corrected ———
Uncorrected - - - - -

Analysis Report Thu 06-27-96 10:16:19 PM page 1

Method: HG Sample Name: T606310-9 Operator: VD
Run Time: 06/27/96 22:14:36
Comment:
Mode: Conc Corr. Factor: 1

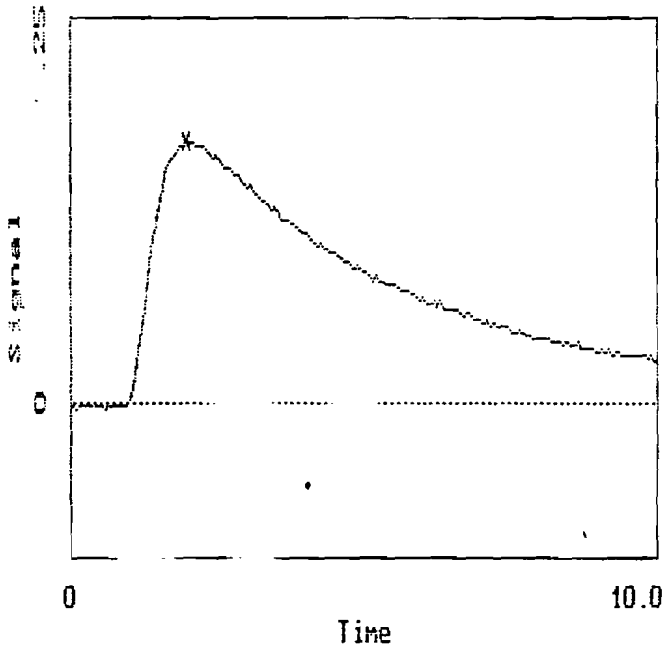
Elem	Hg
Units	PPB
Avge	<.0000

000455

HG Unk Conc F:1 SN:CCV-1-3 06/27/96 22:17:43

xHg

#1 3.784



Corrected ———
Uncorrected - - - - -

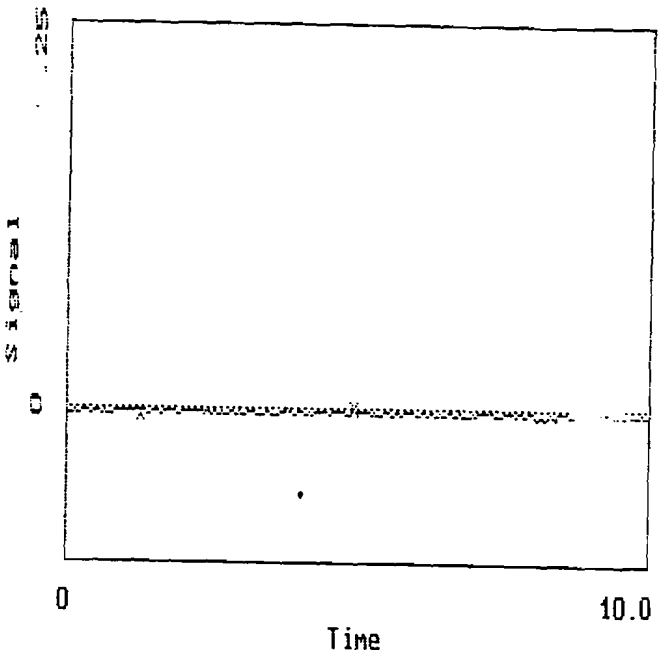
Method: HG Sample Name: CCV-1-3 Operator: VD
Run Time: 06/27/96 22:17:43
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	3.784

HG Unk Conc F:1 SN:CCB-1-3 06/27/96 22:20:45

xHg

#1 -.0261



Corrected ————

Uncorrected - - - - -

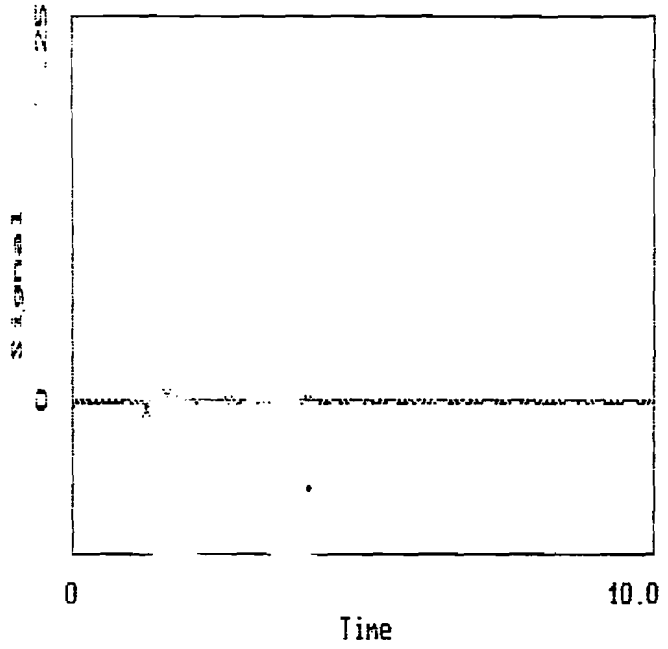
Method: HG Sample Name: CCB-1-3 Operator: VD
Run Time: 06/27/96 22:20:45
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	<.0000

HG Unk Conc F:1 SN:I606310-10 06/27/96 22:23:56

xHg

#1 .0305



Corrected ———
Uncorrected - - - - -

Analysis Report Thu 06-27-96 10:25:39 PM

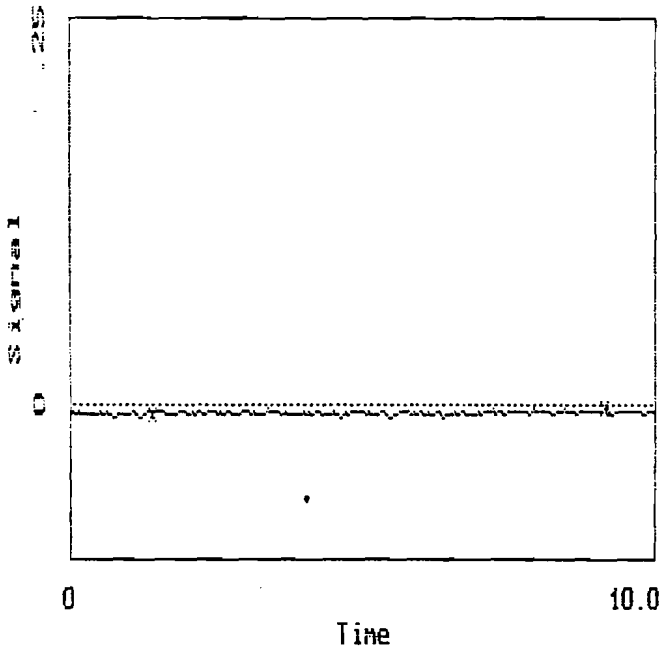
Method: HG Sample Name: T606310-10 Operator: VD
Run Time: 06/27/96 22:23:56
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0305

HG Unk Conc 1:1 SN:T606231-3 06/27/96 22:27:42

xHg

#1 -.0441



Corrected ———

Uncorrected - - - - -

Analysis Report

Thu 06-27-96 10:29:25 PM

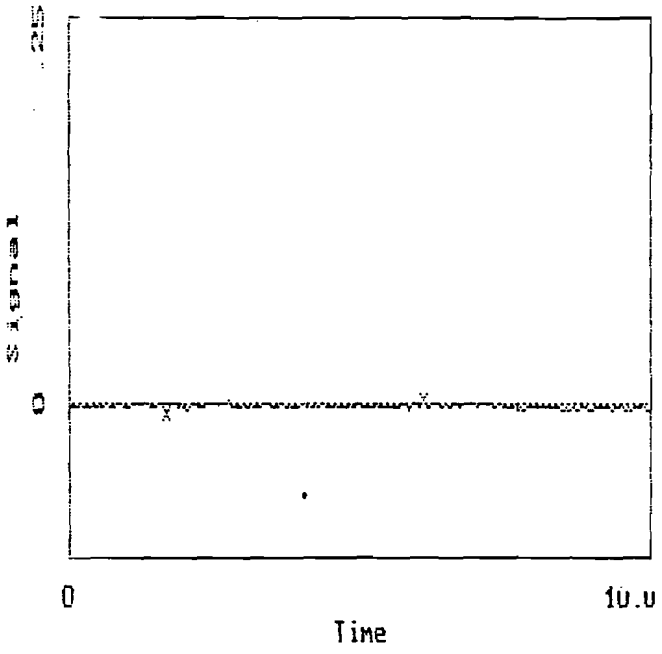
Method: HG Sample Name: T606231-3 Operator: VD
Run Time: 06/27/96 22:27:42
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	<.0000

HG Unk Conc F:1 SN:T606231-6 06/27/96 22:31:16

xHg

#1 .0198



Corrected ———

Uncorrected - - - -

Analysis Report Thu 06-27-96 10:32:59 PM

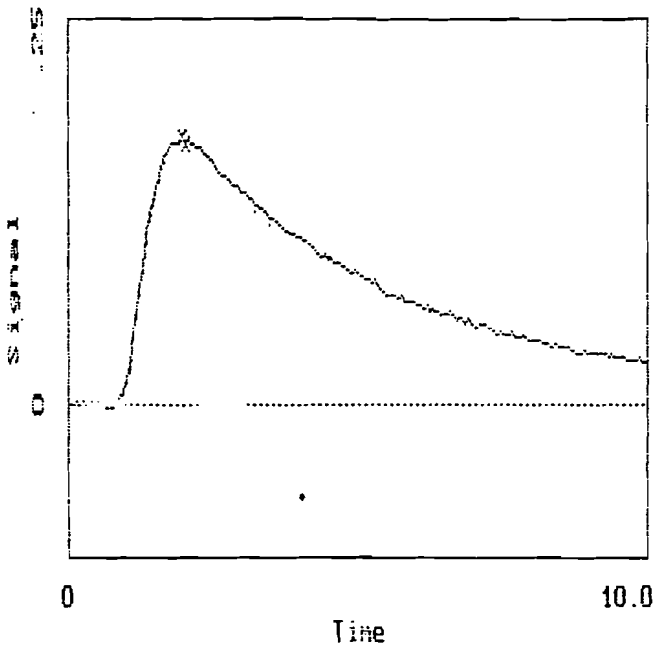
Method: HG Sample Name: T606231-6 Operator: VD
Run Time: 06/27/96 22:31:16
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0190

HG Unk Conc F:1 SN:CCV-1-4 06/27/96 22:34:43

xHg

#1 3.847



Corrected ———
Uncorrected - - - - -

Analysis Report

Thu 06-27-96 10:36:26 PM page

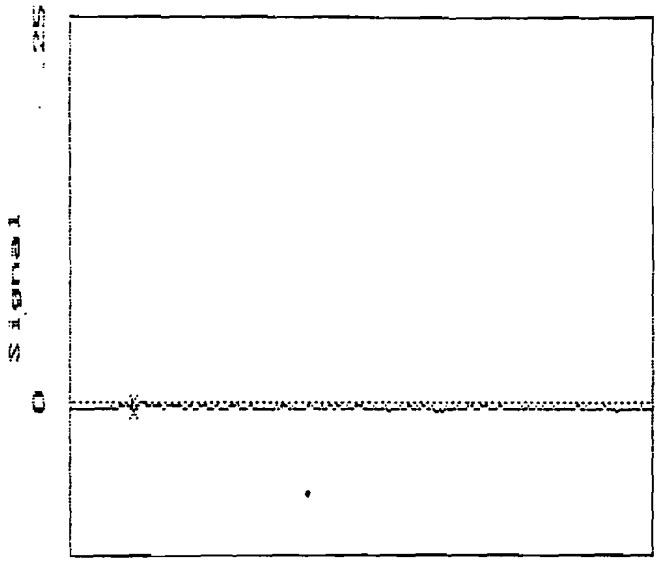
Method: HG Sample Name: CCV-1-4 Operator: VD
Run Time: 06/27/96 22:34:43
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	3.847

HG Unk Conc F:1 SN:CCB-1-3 06/27/96 22:38:17

xHg

#1 -.0036



Corrected ———
Uncorrected - - - - -

Analyte Report Thu 06-27-96 10:40:00 PM page

Method: HG Sample Name: CCB-1-3 Operator: VD
Run Time: 06/27/96 22:38:17
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	<.0000

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 07/10/96

Shift: Night

Instrument No.: TJA 1000

Batch No.: 1977, 1978, 1933, 1922, 1946

Raw Data W/: 1977, 1978, 1933, (1922) 1946

Analyst: HJ

Supervisor:

Prep Date: 07/09/96

Prep Time

Start: 6:00pm

End: 6:30pm

Water Bath: 95 T, OC

RUN LOG

Parameter: Mercury

Matrix: Liquids/Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
	ICV -1				4.321		TV=4.0 ppb %R= 108.0
	ICB -1				0.0763		
	CCV -1-1				4.324		TV=4.0 ppb %R= 108.1
	CCB -1-1				0.0828		
1	CRA -1				0.2500		TV=0.20 ppb %R= 125
2	PBS -1977	1977	500D		0.3742		
3	LCSS -1977				0.9526		TV= 1.0 ppb %R= 95.3
4	0651501				0.2807		
5	0651501D				0.2946		
6	0651515				1.316		TV=1.0ppb %R=103.5%
7	0651504				0.2138		
8	0651505				-0.1221		
9	0651509				0.1429		
10	0651517	↓	↓		0.2717		
	CCV -1-2				4.264		TV=4.0 ppb %R= 106.6
	CCB -1-2				0.0433		

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 07/10/96 Analyst: AD

RUN LOG

Parameter: Mercury

Matrix: Liquids / Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
1	0651520	1977	500 D		0-3680		
2	PBS	1978, 1933, 1922, 1946	↓		0.0505		
3	LCSS	↓			0.8042		TV=1.0PPb %R=80.4
4	0651521	1978			0-3129		
5	0651521D				0-3252		
6	0651521S				1-389		TV=10PPb %R=107.6
7	0651522				0-3261		
8	0651530				0.3170		
9	0651532				0-4469		
10	0651533	↓	↓		0-5760		
	CCV-1-3				4.043		TV = 4.0 ppb %R = 101.1
	CCB-1-3				0-0278		
1	0623105	1922	500D		0-1699		
2	0623105D				0-0677		
3	0623105S	↓			0-7667		TV=1.0PPb %R=76.7
4	0627506	1933		10D	-0-0101		See R2 straight-
5	0627507				9-666		OK.
6	0627508			2D	3.855		OK
7	0627509			5D	4.172		OK
8	0627503			25D	1-162		See R2
9	0627504				9-310		
10	0627505	↓	↓	↓	12-66	OVR	See R2
	CCV-1-4				4.202		TV = 4.0 ppb %R = 105.1
	CCB-1-4				0.0417		

000471

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 07/10/96 Analyst: AB

RUN LOG

Parameter: Mercury

Matrix: Liquids / Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
1	0638006	1946	500	10	3.855		ok
2	0636007				4.193		ok
3	0640804				5.769		ok
4	0640805				3.251		ok
5	0627806	1933			0.0352		ok
6	0627803			5	5.468		ok
7	0627804			50	4.812		ok
8	0627805			100	6.676		ok
9							
10							
	CCV 1-5				4.293		TV = 4.0 ppb %R = 107.3
	CCB 1-5				0.0606		
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
	CCV						TV = 4.0 ppb %R =
	CCB						

000472

0188

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 07/10/96 Analyst: AD

RUN LOG

Parameter: Mercury

Matrix: Liquids / Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
	CCV						TV = 4.0 ppb %R =
	CCB						
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
	CCV						TV = 4.0 ppb %R =
	CCB						

000473

0189

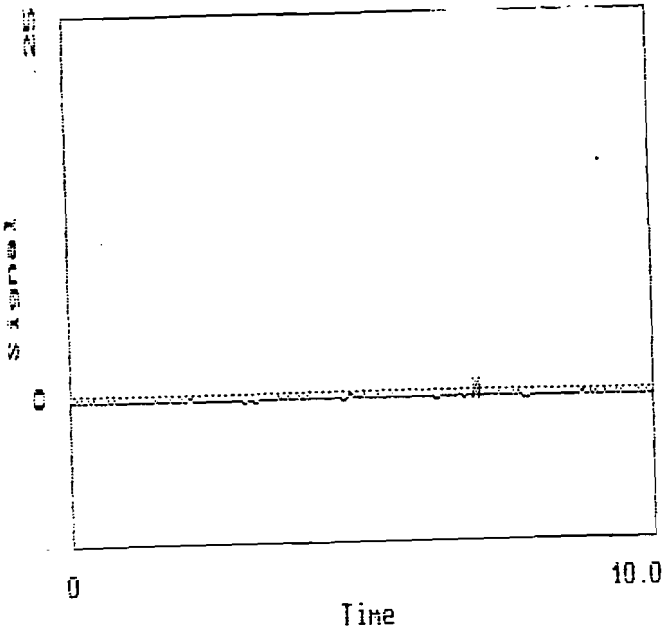
ANALYST SIGNATURE: _____

SUPERVISOR SIGNATURE: _____

Method: HG Standard: BlankSTD 07/10/96 02:28

xHg

#1 -.0020



Corrected ———

Uncorrected - - - - -

Standardization Rpt. Wed 07-10-96 02:22:05 PM page 1

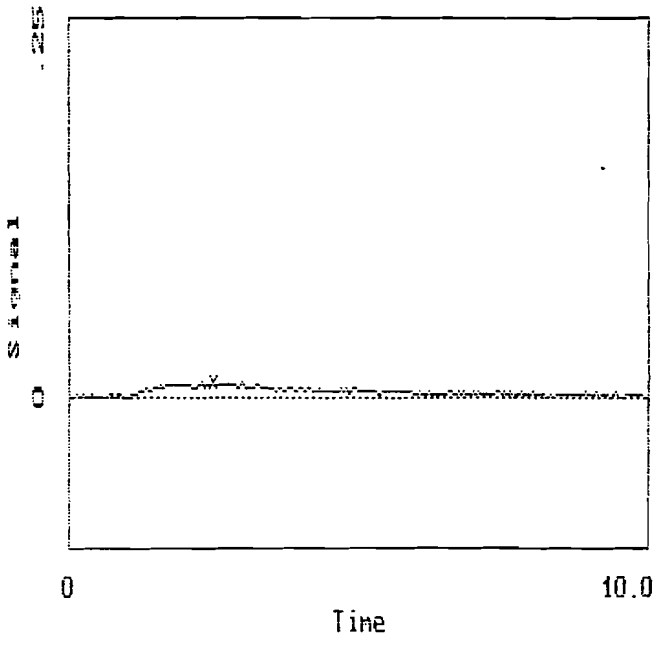
Method: HG Standard: BlankSTD Date: 07/10/96 02:20

Item	Hg
Avge	-.0020

Method: HG Standard: STD1 07/10/96 02:23

xHg

#1 .0093



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Wed 07-10-96 02:24:46 PM page 1

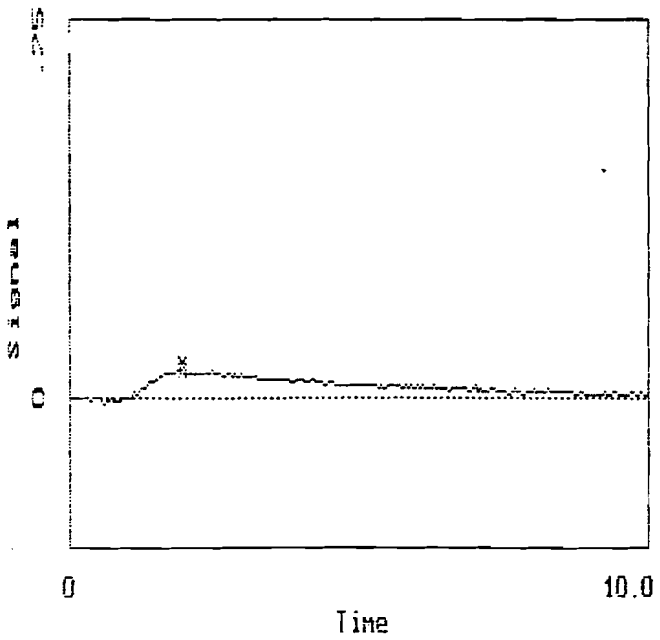
Method: HG Standard: STD1 Date: 07/10/96 02:23

Elem	Hg
Avge	.0093

Method: HG Standard: STD2 07/10/96 02:25

xHg

#1 .0198



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Wed 07-10-96 02:27:12 PM page 1

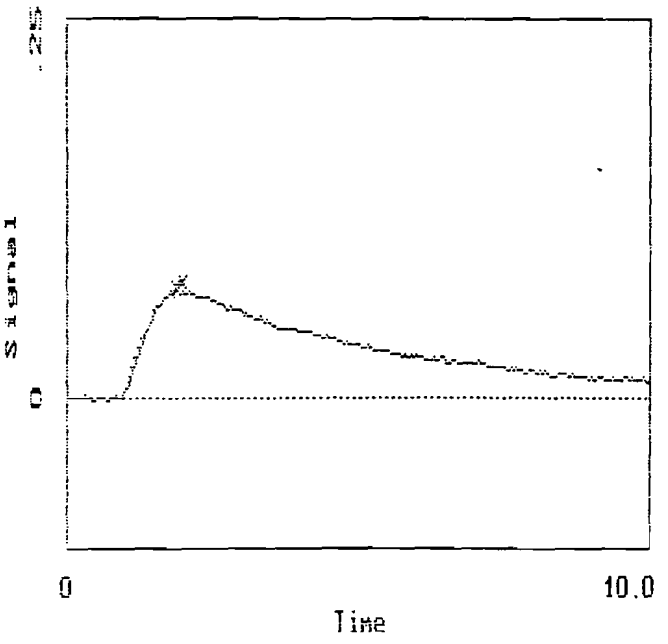
Method: HG Standard: STD2 Date: 07/10/96 02:25

Elem	Hg
Avge	.0188

Method: HG Standard: STD3 07/10/96 02:28

xHg

#1 .0716



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Wed 07-10-96 02:30:27 PM page 1

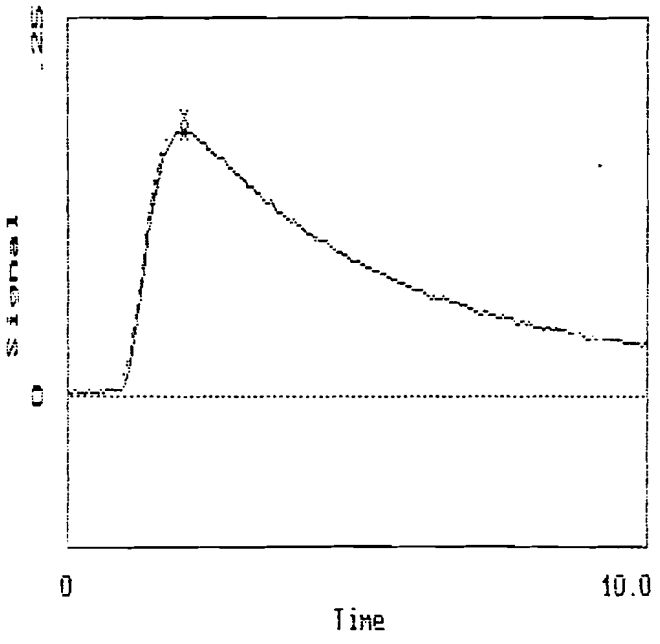
Method: HG Standard: STD3 Date: 07/10/96 02:28

Elem	Hg
Avge	.0716

Method: HG Standard: STD4 07/10/96 02:31

xHg

#1 .1743



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Wed 07-10-96 02:32:49 PM page 1

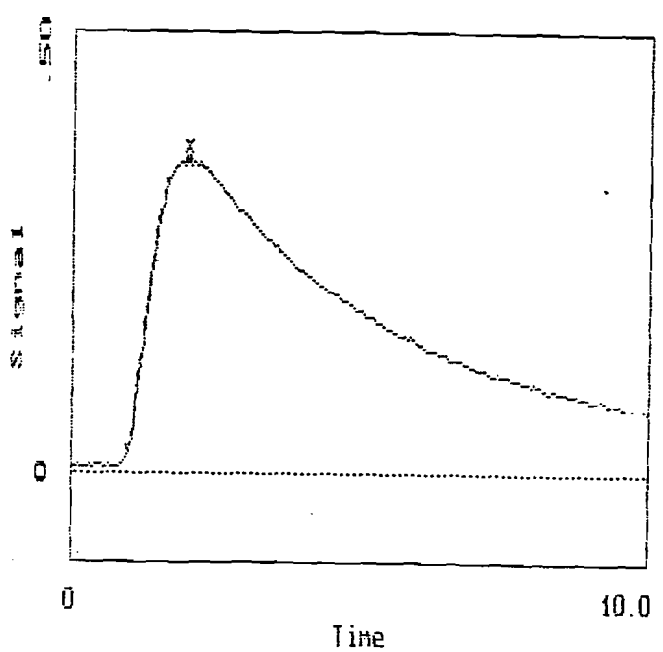
Method: HG Standard: STD4 Date: 07/10/96 02:31

Elem	Hg
Avge	.1743

Method: HG Standard: STD5 07/10/96 02:33

xHg

#1 .3560



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Wed 07-10-96 02:35:29 PM page

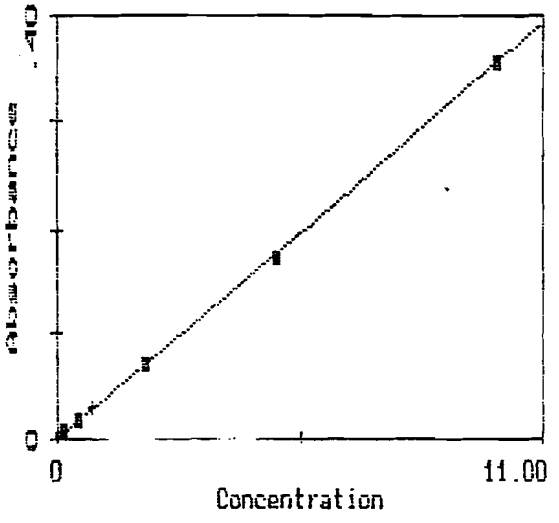
Method: HG Standard: STD5 Date: 07/10/96 02:33

Elem	Hg
Avge	.3560

Method: HG Element: Hg Wavelength: 253.70 Element 1 of 1

Correlation Coefficient: .999505
Conc. Correlation: .999918

Coefficients
a1 = .035589 Abs : .028575
a2 = 0 Conc : .80292
a3 = 0



Fit Straight Line

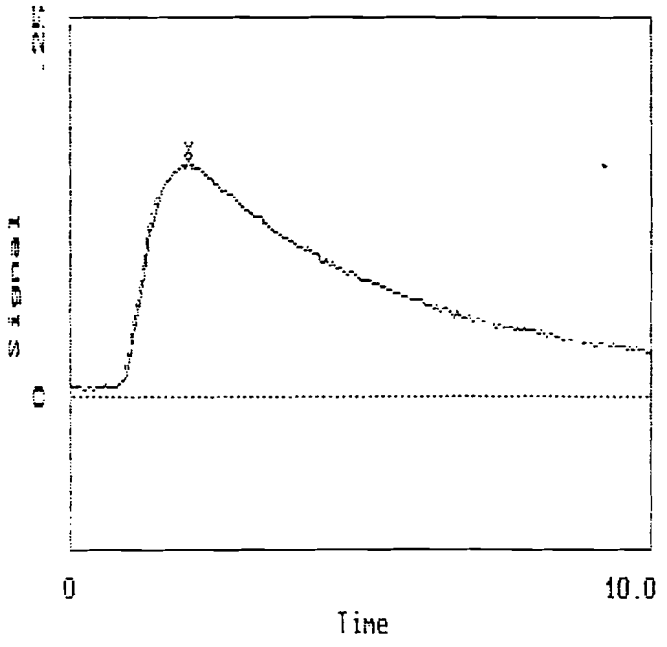
Date: 10 Jul 96 14:33
Slope corr.: 1

Standard:	BlankSTD	STD1	STD2	STD3	STD4	STD5
Absorbance:	0.0000	.009288	.018766	.071551	.174334	.356026
Known conc :	0	.2	.5	2	5	10
Calc. conc.:	0.0000	.26098	.527304	2.0105	4.89857	10.0039
Residual:	0.0000	.06098	.027304	.010495	-.101429	.003939

Unk Conc F:1 SN:ICV-1 07/10/96 14:36:20

xHg

#1 4.321



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 02:38:00 PM page

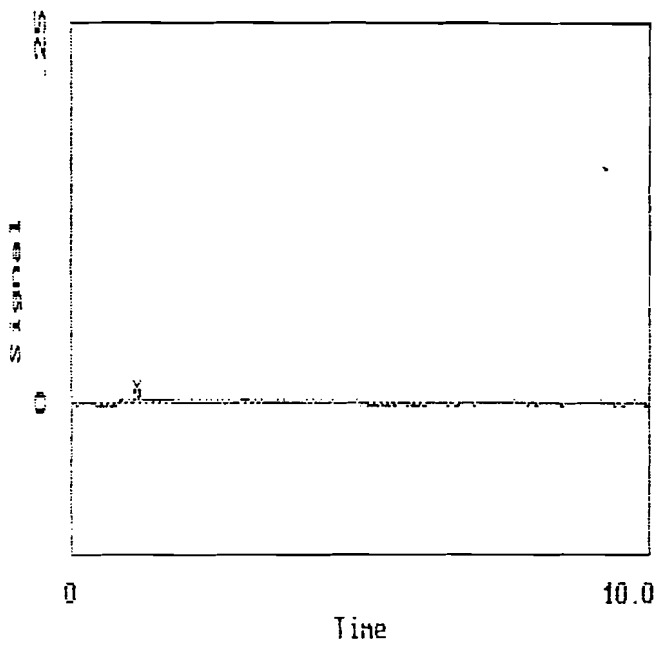
Method: HG Sample Name: ICV-1 Operator: AMB
Run Time: 07/10/96 14:36:20
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	4.321

TP Unk Conc F:1 SN:ICB-1 07/10/96 14:40:02

xHg

#1 .0763



Corrected ———
Uncorrected - - - - -

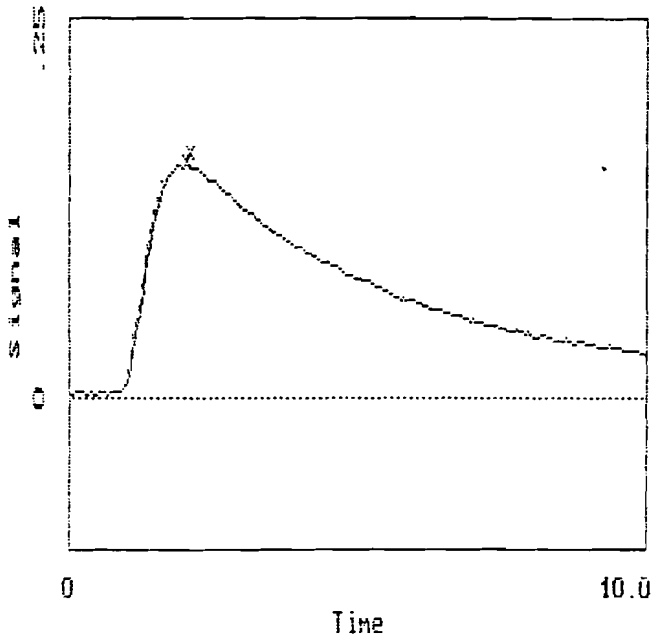
Method: HG Sample Name: ICB-1 Operator: AMB
Run Time: 07/10/96 14:40:02
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0763

'G Unk Conc F:1 SN:CCV-1-1 07/10/96 14:42:36

xHg

#1 4.324



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 02:44:16 PM Page

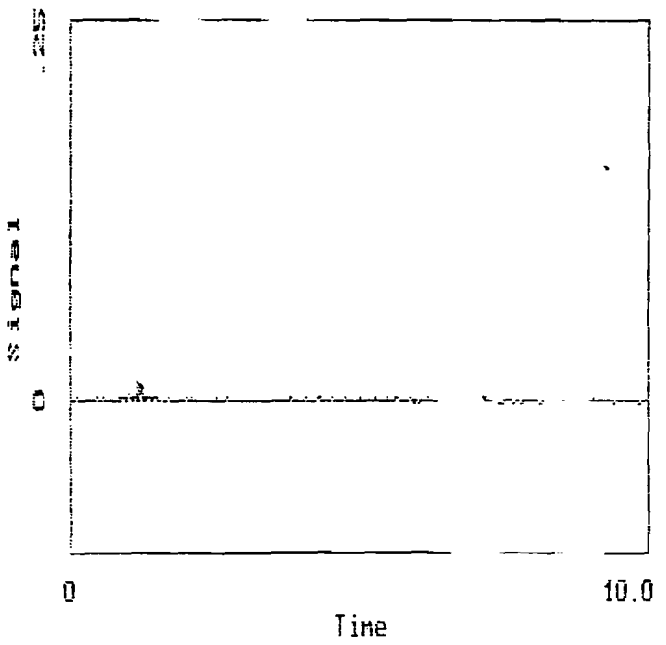
Method: HG Sample Name: CCV-1-1 Operator: AMB
Run Time: 07/10/96 14:42:36
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	4.324

"G Unk Conc F:1 SN:CCB-1-1 07/10/96 14:45:00

xHg

#1 .0828



Corrected — ——
Uncorrected - - - - -

Analysis Report Wed 07-10-96 02:46:40 PM page

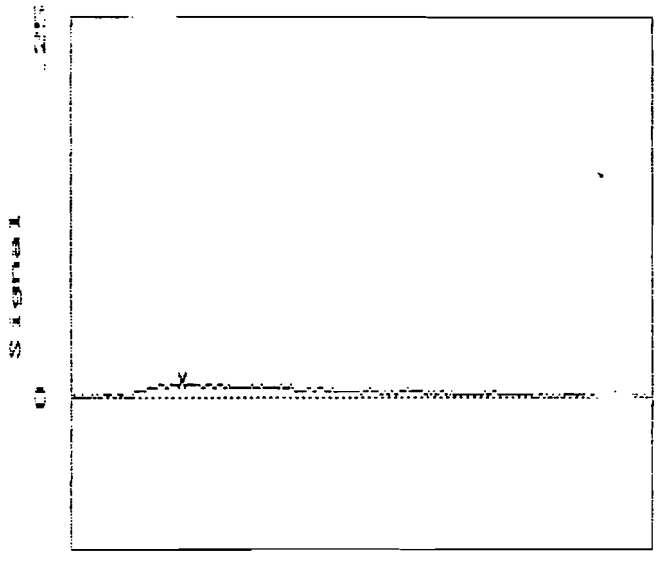
Method: HG Sample Name: CCB-1-1 Operator: AMB
Run Time: 07/10/96 14:45:00
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0828

'G Unk Conc F:1 SN:CRA-1 07/10/96 14:48:11

xHg

#1 .2500



Corrected ——————

Uncorrected - - - -

000495

Analysis Report Wed 07-10-96 02:49:50 PM pag. 1

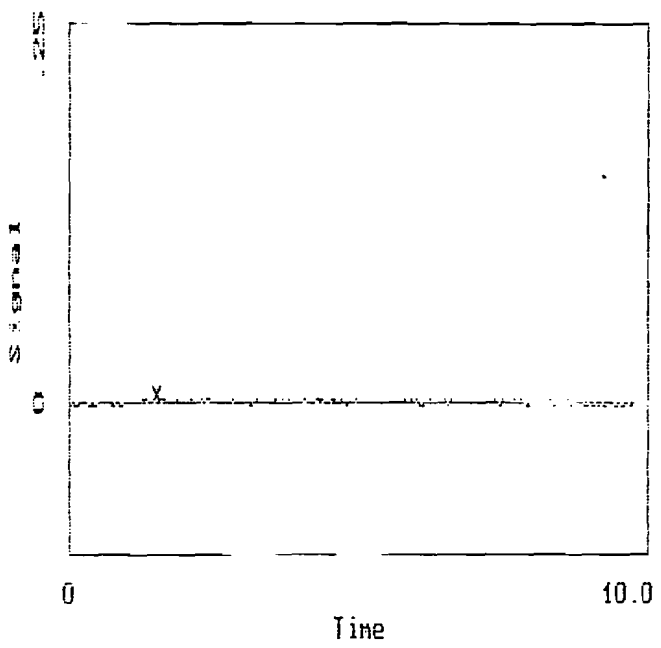
Method: HG Sample Name: CRA-1 Operator: AMB
Run Time: 07/10/96 14:48:11
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.2500

HG Unk Conc F:1 SN:PBS-1977 07/10/96 14:50:41

xHg

#1 .0742



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 02:52:21 PM page

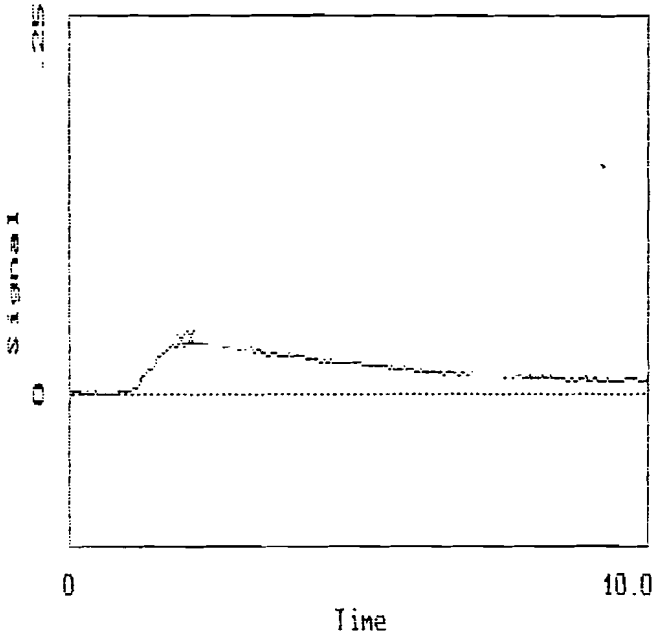
Method: HG Sample Name: PBS-1977 Operator: AMB
Run Time: 07/10/96 14:50:41
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0742

6 Unk Conc F:1 SN:LCSS-1977 07/10/96 14:58:55

x¹/₂

#1 .9526



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:00:35 PM page 1

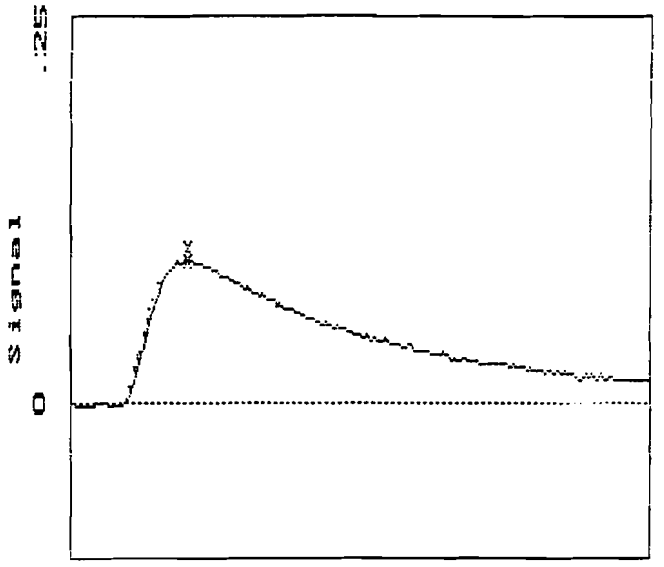
Method: HG Sample Name: LCSS-1977 Operator: AMB
Run Time: 07/10/96 14:58:55
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.9526

Method: HG Standard: STD3 07/12/96 06:14

xHg

#1 .0911



Corrected ———
Uncorrected - - - - -

000597

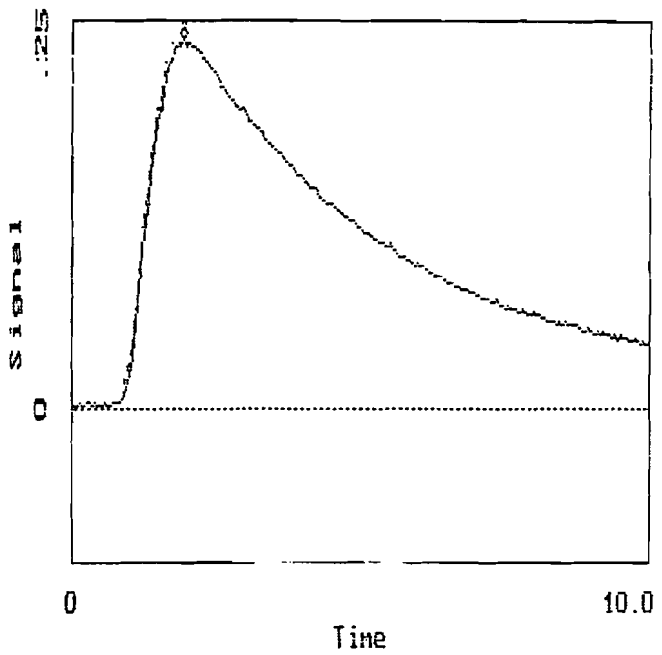
Method: HG Standard: STD3 Date: 07/12/96 06:14

Elem	Hg
Avge	.0911

Method: HG Standard: STD4 07/12/96 06:16

xHg

#1 .2345



Corrected ———
Uncorrected - - - - -

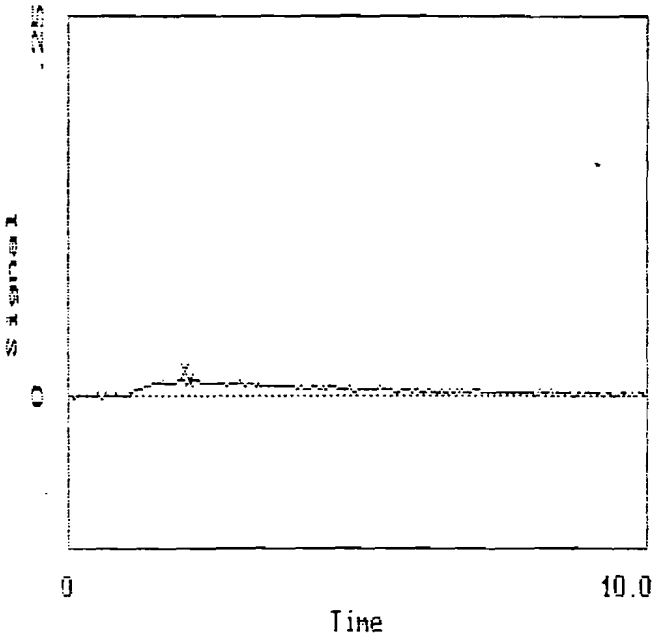
Method: HG Standard: STD4 Date: 07/12/96 06:16

Elem	Hg
Avge	.2345

HC Unk Conc F:1 SN:0651501 07/10/96 15:01:17

xHg

#1 .2807



Corrected ———
Uncorrected - - - - -

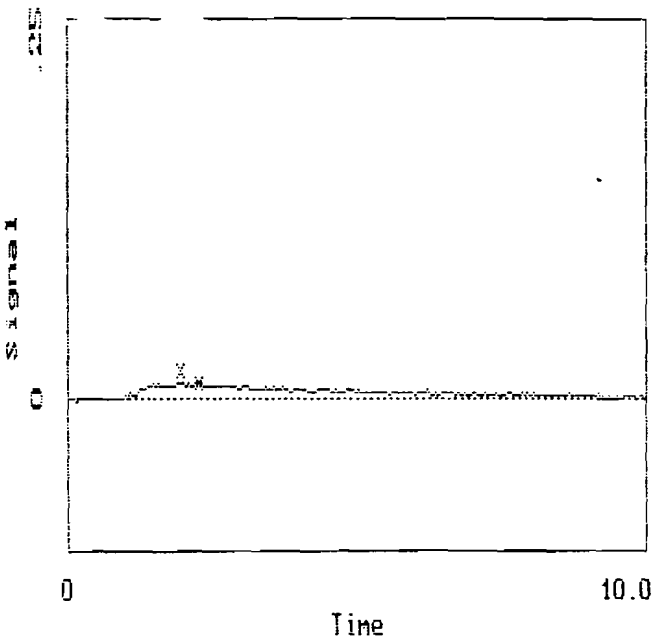
Method: HG Sample Name: 0651501 Operator: AMB
Run Time: 07/10/96 15:01:17
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.2807

Unk Conc F:1 SN:8651501D 07/10/96 15:03:56

xHg

#1 .2946



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:05:36 PM Page 1

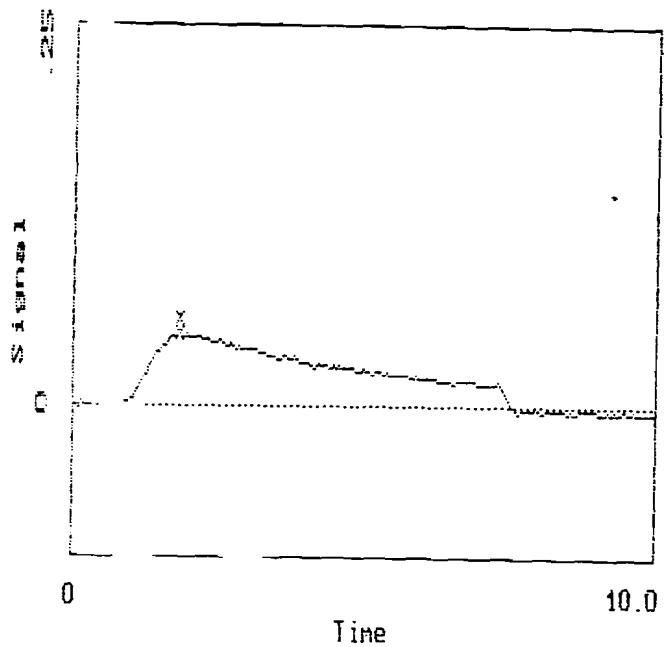
Method: HG Sample Name: 0651501D Operator: AMB
Run Time: 07/10/96 15:03:56
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.2946

HG Unk Conc F:1 SN:86515015 07/10/96 15:06:24

xHg

#1 1.316



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:08:04 PM page 1

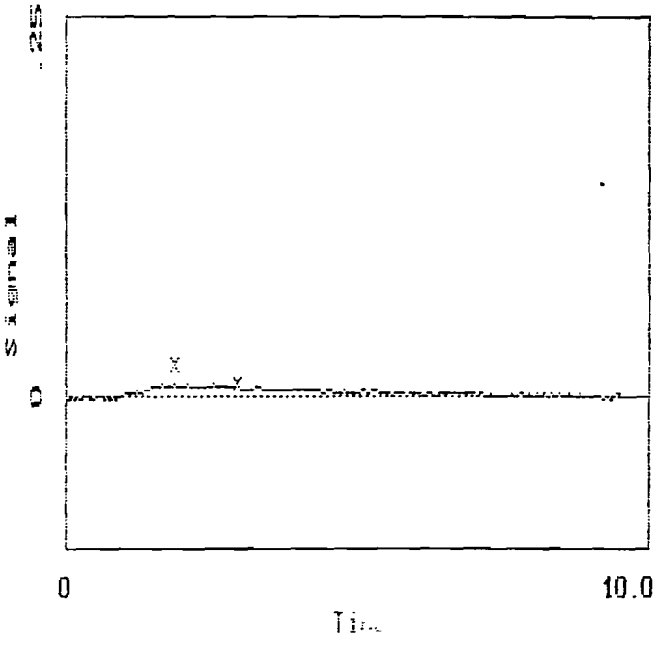
Method: HG Sample Name: 0651501S Operator: AMD
Run Time: 07/10/96 15:06:24
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	1.316

HG Unk Conc F:1 SN:0651504 07/10/96 15:10:08

xhg

#1 .2138



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:11:48 PM page 1

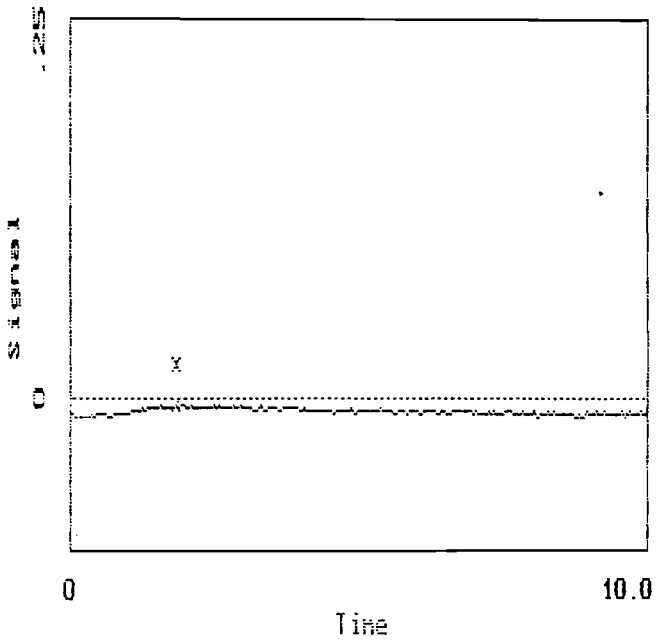
Method: HG Sample Name: 0651504 Operator: AMB
Run Time: 07/10/96 15:10:08
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.2138

HG Unk Conc F:1 SN:0651505 07/10/96 15:12:36

xHg

#1 -.1221



Corrected ————
Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:14:16 PM page 1

Method: HG Sample Name: 0651505 Operator: AMB
Run Time: 07/10/96 15:12:36
Comment:
Mode: Conc Corr. Factor: 1

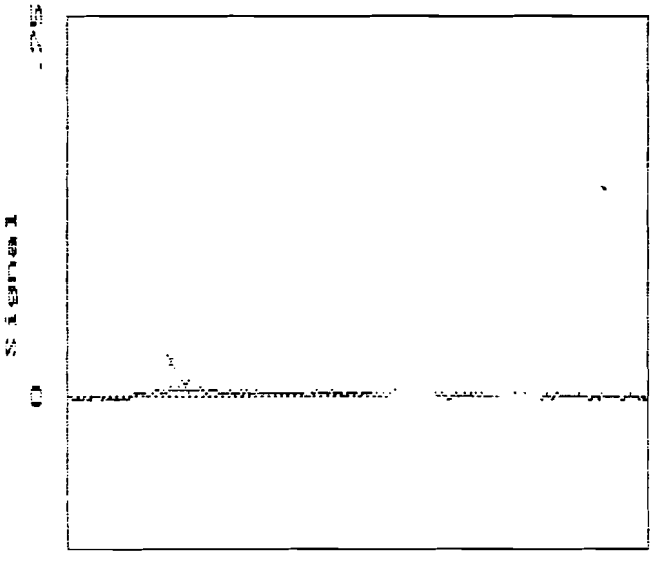
Elem	Hg
Units	PPB
Avge	<.0000

Wed 07-10-96 03:15:10 PM page

"G Unk Conc F:1 SN:8651509 07/10/96 15:15:09

xHg

#1 .1429



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:16:49 PM page 1

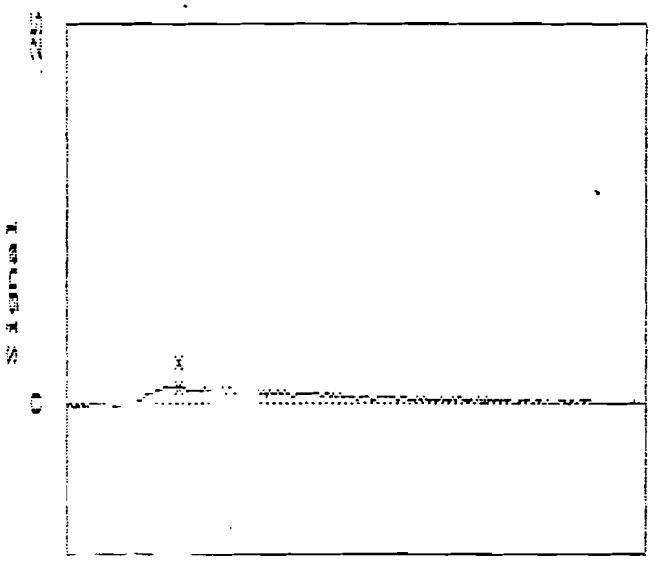
Method: HG Sample Name: 0651509 Operator: AMB
Run Time: 07/10/96 15:15:09
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.1429

HG Unk Conc F:1 SN:0651517 07/10/96 15:17:38

xHg

#1 .2717



Corrected ———
Uncorrected - - - - -

0 10.0

Time

Analysis Report Wed 07-10-96 03:19:18 PM page 1

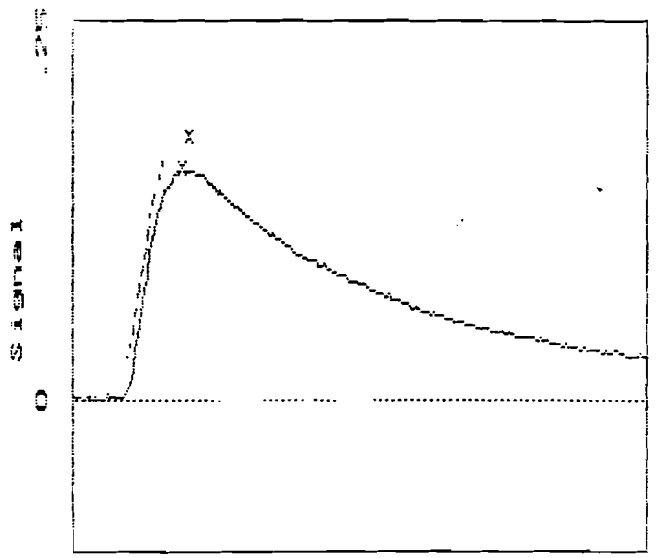
Method: HG Sample Name: 0651517 Operator: AMB
Run Time: 07/10/96 15:17:38
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.2717

HG Unk Conc F:1 SN:CCV-1-2 07/10/96 15:20:06

xHg

#1 4.264



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:21:46 PM page 1

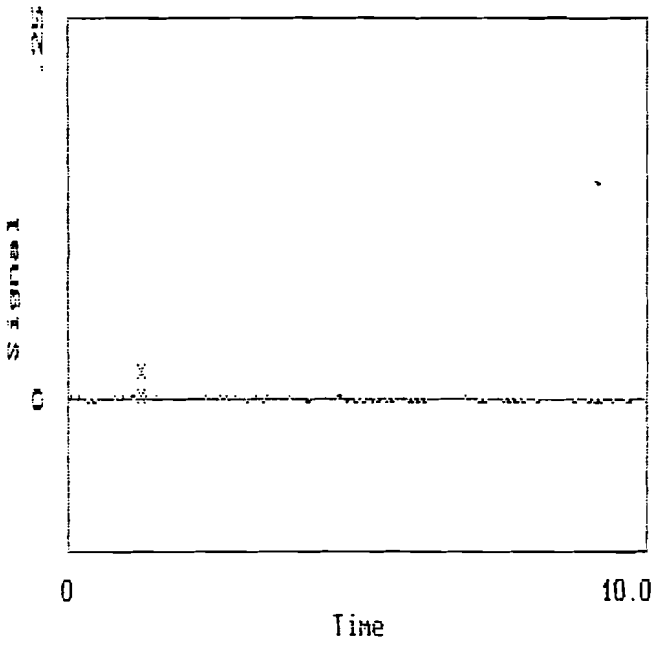
Method: HG Sample Name: CCV-1-2 Operator: AMB
Run Time: 07/10/96 15:20:06
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	4.264

HG Unk Conc F:1 SN:CCB-1-2 07/10/96 15:22:34

xHg

#1 .0433



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:24:13 PM page 1

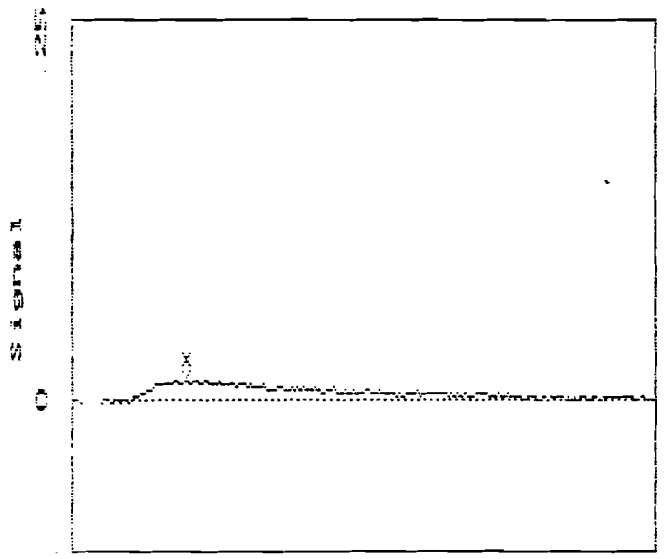
Method: HG Sample Name: CCB-1-2 Operator: AMB
Run Time: 07/10/96 15:22:34
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0433

"G Unk Conc F:1 SN:0651520 07/10/96 15:25:04

xHg

#1 .3688



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:26:44 PM page

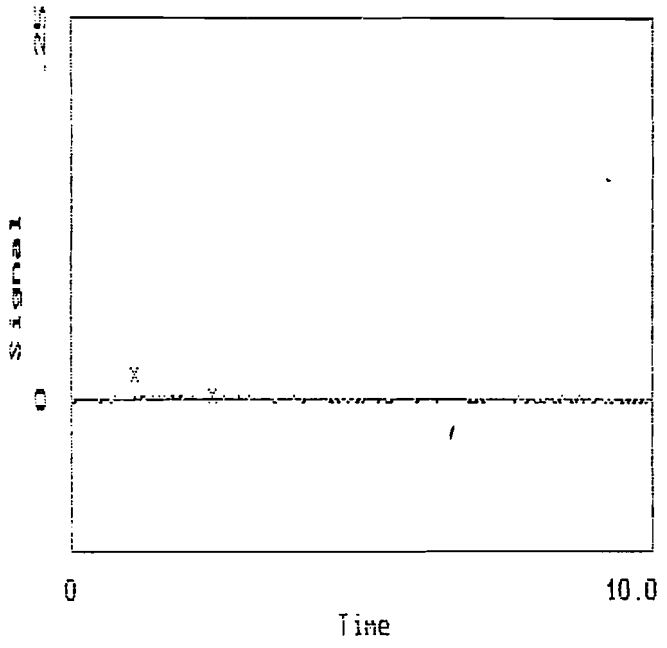
Method: HG Sample Name: 0651520 Operator: AMB
Run Time: 07/10/96 15:25:04
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0080

"G Unk Conc F:1 SN:PRS-1978,1933,1922, 07/10/96 15:27:58

xHg

#1 .0505



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:29:38 PM page

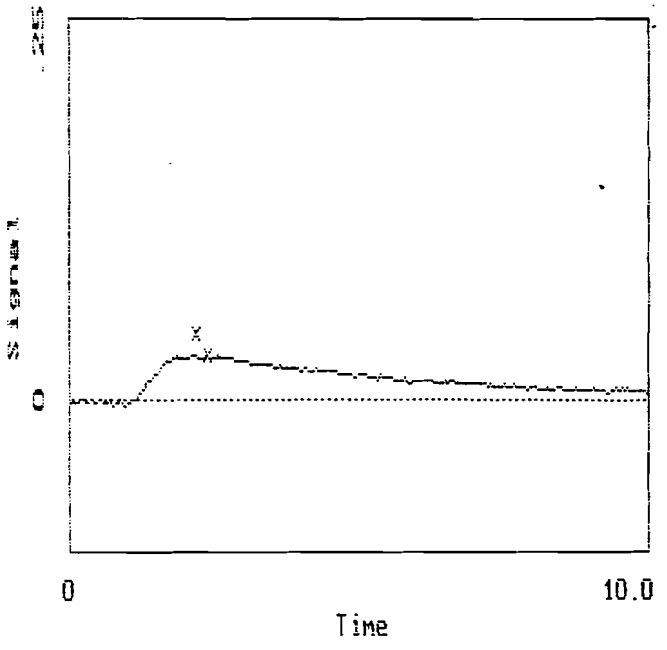
Method: HG Sample Name: PB-1978,1933,1922, Operator: AMB
Run Time: 07/10/96 15:27:58
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0505

HG Unk Conc F:1 SN:LCSS-1978,1922,1946 07/10/96 15:30:36

xHg

#1 .8042



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:32:15 PM page

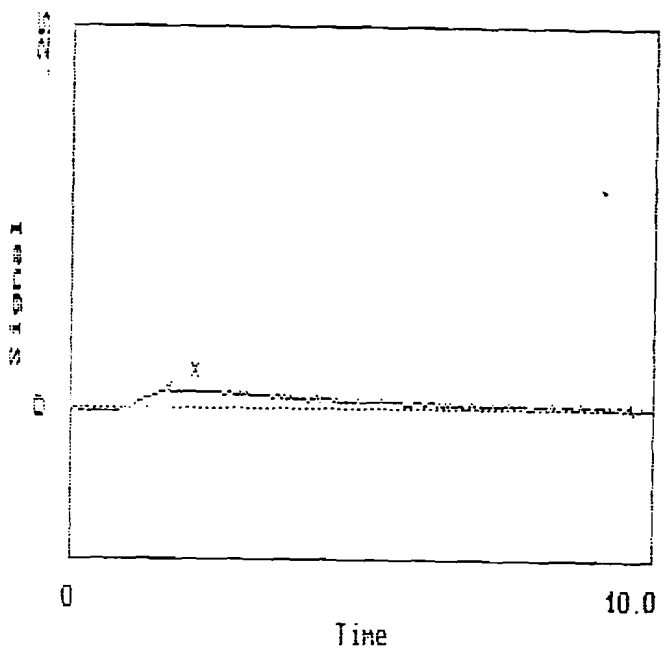
Method: HG Sample Name: LCSS-1978,1922,1946 Operator: AMB
Run Time: 07/10/96 15:30:36
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.8042

HG Unk Conc F:1 SN:8651521 07/10/96 15:33:17

xHg

#1 .3129



Corrected ———

Uncorrected - - - - -

000525

Analysis Report Wed 07-10-96 03:34:56 PM page 1

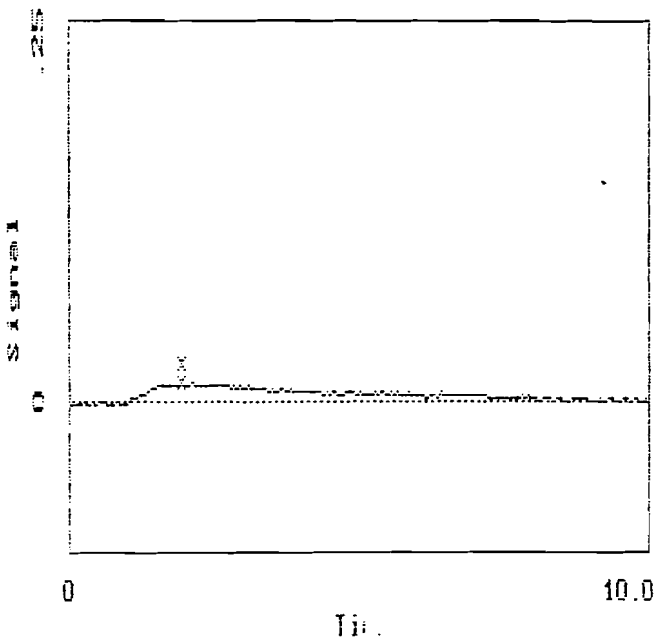
Method: HG Sample Name: 0651521 Operator: AMB
Run Time: 07/10/96 15:33:17
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.3129

"G Unk Conc F:1 SN:06515210 07/10/96 15:35:42

xHg

#1 .3252



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:37:22 PM page 1

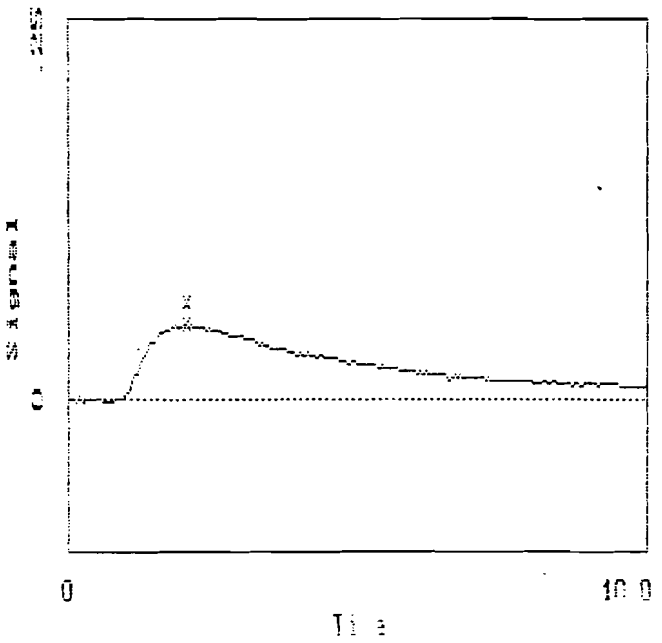
Method: HG Sample Name: 0651521D Operator: AMB
Run Time: 07/10/96 15:35:42
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	3252

'C Unk Conc F:1 SN:0651521S 07/10/96 15:38:25

xHg

#1 1.389



Corrected ———
Uncorrected - - - - -

0 10.0

Time

Analysis Report Wed 07-10-96 03:40:05 PM Page 1

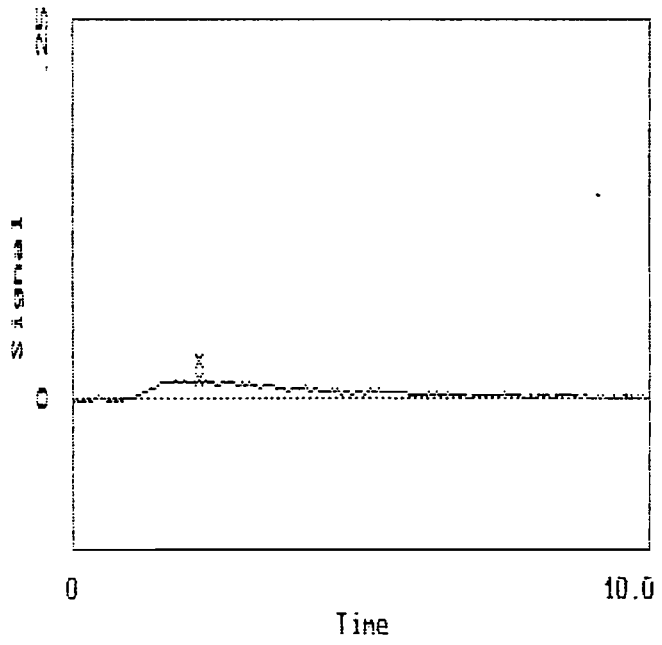
Method: HG Sample Name: 0651521S Operator: AMB
Run Time: 07/10/96 15:38:25
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	1.389

HG Unk Conc F:1 SN:0651522 07/10/96 15:49:58

xHg

#1 .3261



Corrected ———
Uncorrected - - - -

Analysis Report Wed 07-10-96 03:42:37 PM page

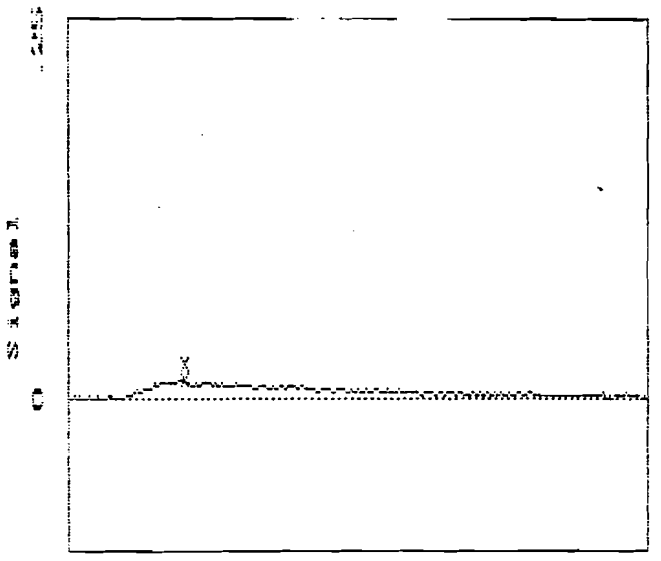
Method: HG Sample Name: 0651522 Operator: AMB
Run Time: 07/10/96 15:40:58
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.3261

HG Unk Conc F:1 SN:8651530 07/10/96 15:43:23

xHg

#1 .3178



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:45:03 PM page 1

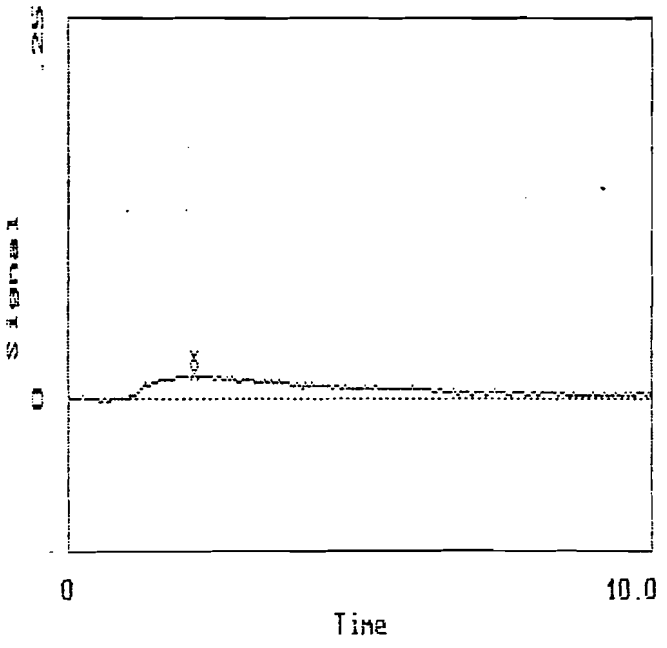
Method: HG Sample Name: 0651530 Operator: AMB
Run Time: 07/10/96 15:43:23
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.3170

HG Unk Conc F:1 SN:0651532 07/10/96 15:45:48

xHg

#1 .4469



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:47:28 PM page 1

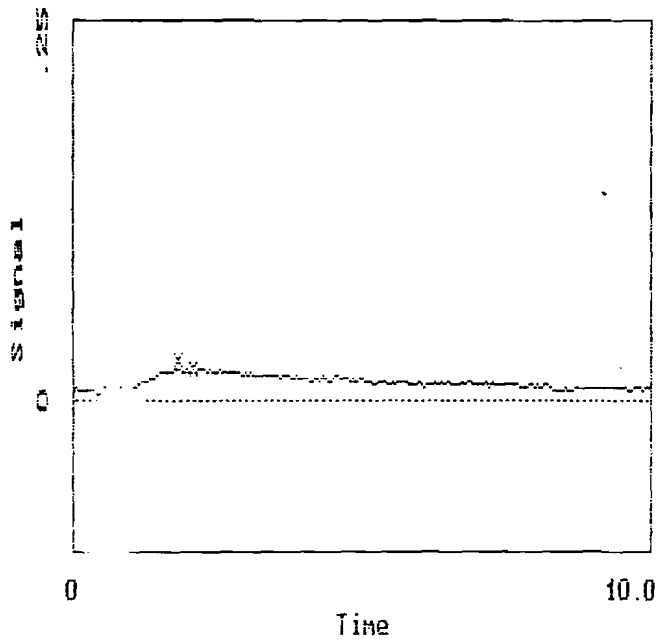
Method: HG Sample Name: 0651532 Operator: AMB
Run Time: 07/10/96 15:45:48
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.4469

HG Unk Conc F:1 SN:0651533 07/10/96 15:48:24

xHg

RT .5760



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:50:03 PM page 1

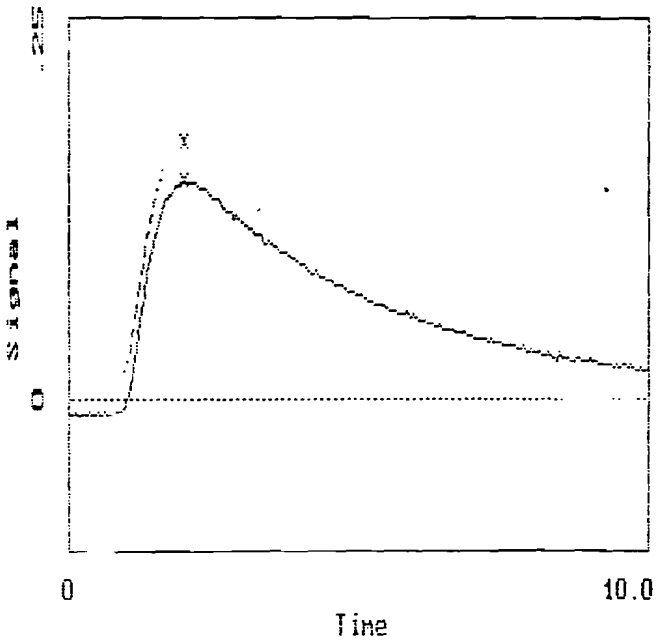
Method: HG Sample Name: 0651533 Operator: AMB
Run Time: 07/10/96 15:48:24
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.5760

°C Unk Conc F:1 SN:CCV-1-3 07/10/96 15:50:49

xHg

#1 4.8[illegible]



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:52:28 PM page 1

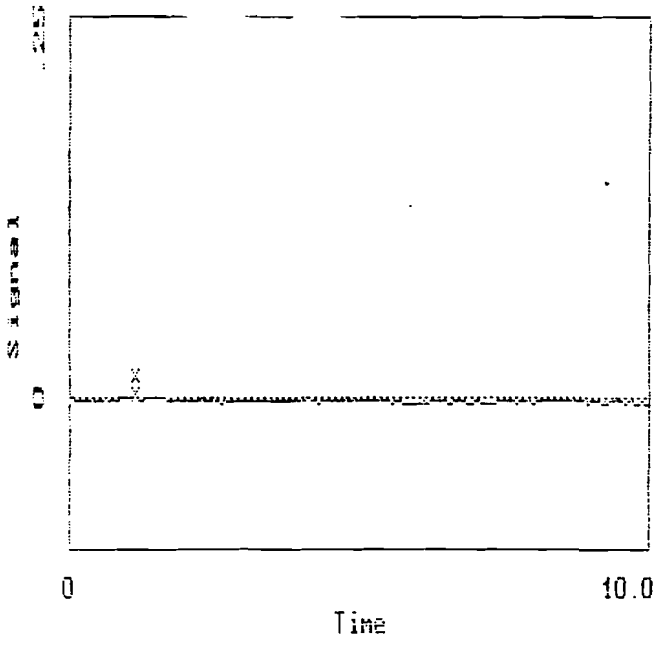
Method: HG Sample Name: CCV-1-3 Operator: AMB
Run Time: 07/10/96 15:50:49
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	4.043

%C Unk Conc F:1 SN:CCB-1-3 07/10/96 15:53:44

xHg

#1 .0278



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:55:24 PM page 1

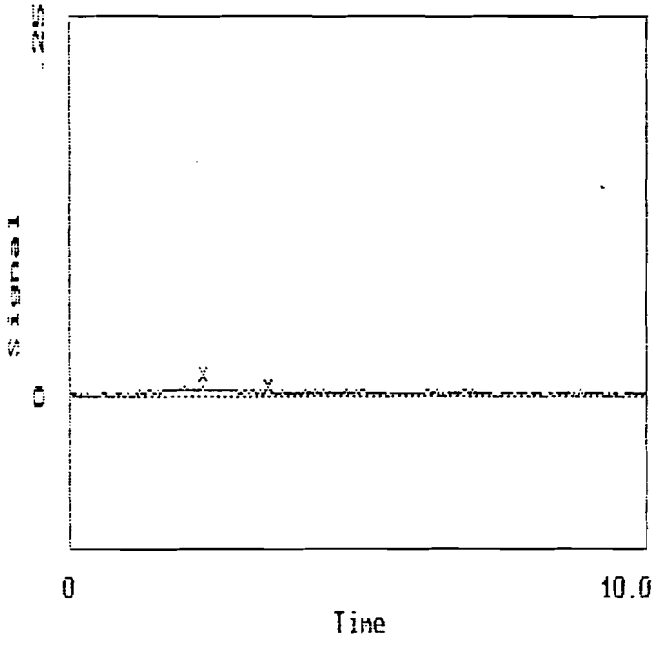
Method: HG Sample Name: CCB-1-3 Operator: AMB
Run Time: 07/10/96 15:53:44
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0278

4G Unk Conc F:1 SN:0623105 07/10/96 15:56:18

xHg

#1 .1699



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 07-10-96 03:57:57 PM Page

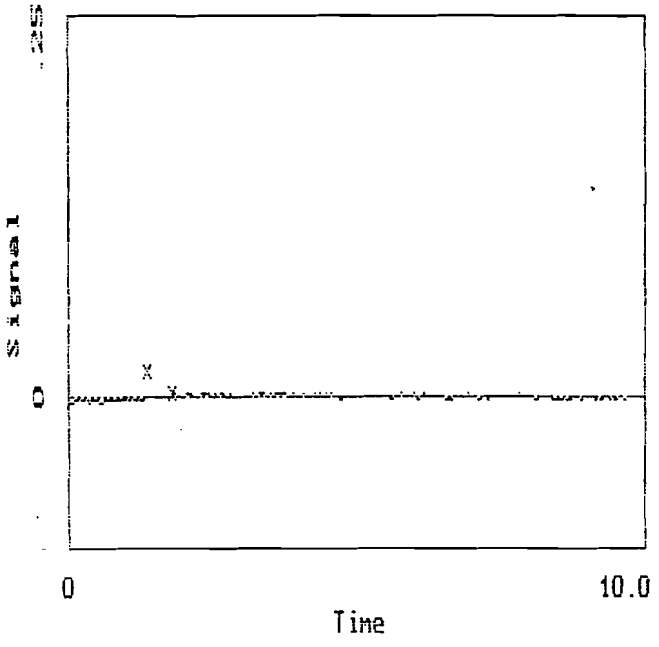
Method: HG Sample Name: 0623105 Operator: AMB
Run Time: 07/10/96 15:56:18
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.1699

HG Unk Conc F:1 SN:0623165? 07/10/96 15:58:54

xHg

#1 .0677



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 04:00:34 PM page 1

Method: HG Sample Name: 0623105D Operator: AMB
Run Time: 07/10/96 15:58:54
Comment:
Mode: Conc Corr. Factor: 1

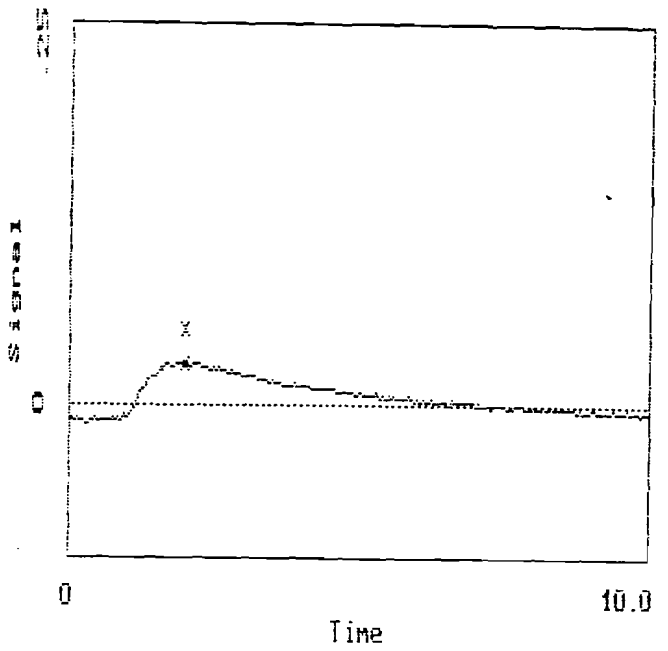
Elem	Hg
Units	PPB
Avge	.0677

000546

HC Unk Conc F:1 SN:06231055 07/10/96 16:01:20

xµg

#1 .7667



Corrected ———
Uncorrected - - - -

Analysis Report Wed 07-10-96 04:03:00 PM page

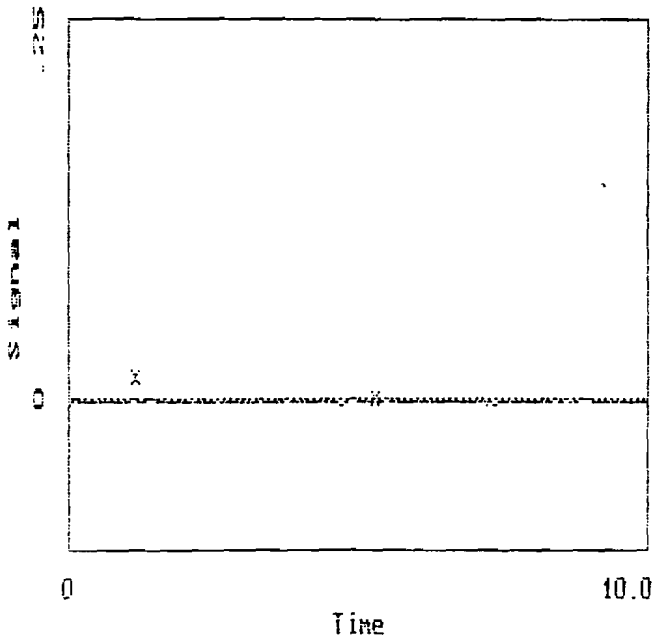
Method: HG Sample Name: 0623105S Operator: AMB
Run Time: 07/10/96 16:01:20
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.7667

HG Unk Conc F:1 SN:0627808 10X 07/10/96 16:10:20

xHg

#1 -.0181



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 04:12:00 PM page 1

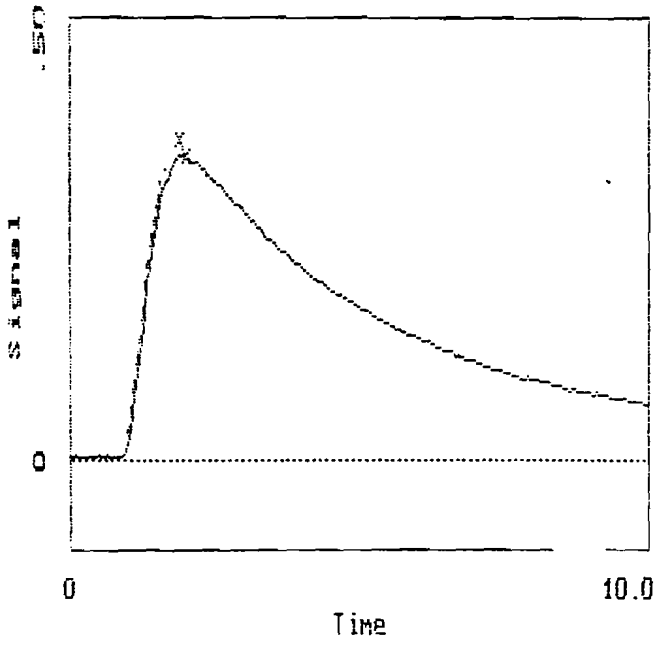
Method: HG Sample Name: 0627806 10X Operator: AMB
Run Time: 07/10/96 16:10:20
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	<.0000

HG Unk Conc F:1 SN:0627807 07/10/96 16:13:54

xHg

#1 9.666



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 04:15:34 PM page 1

Method: HG Sample Name: 0627807 Operator: AMB
Run Time: 07/10/96 16:13:54
Comment:
Mode: Conc Corr. Factor: 1

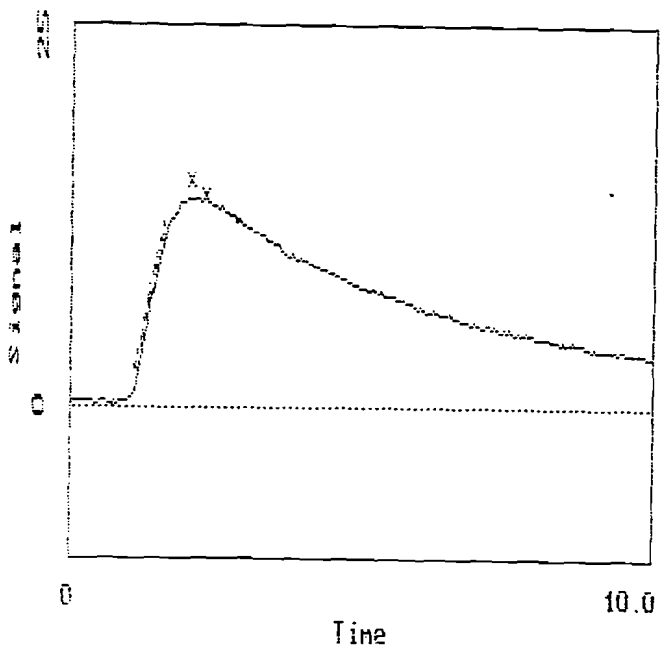
Elem	Hg
Units	PPB
Avge	9.666

Wed 07 10-96 04:20:09 PM page 1

HG Unk Conc F:1 SN:0627808 2X 07/10/96 16:28:03

xHg

#1 3.855



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 04:21:49 PM page 1

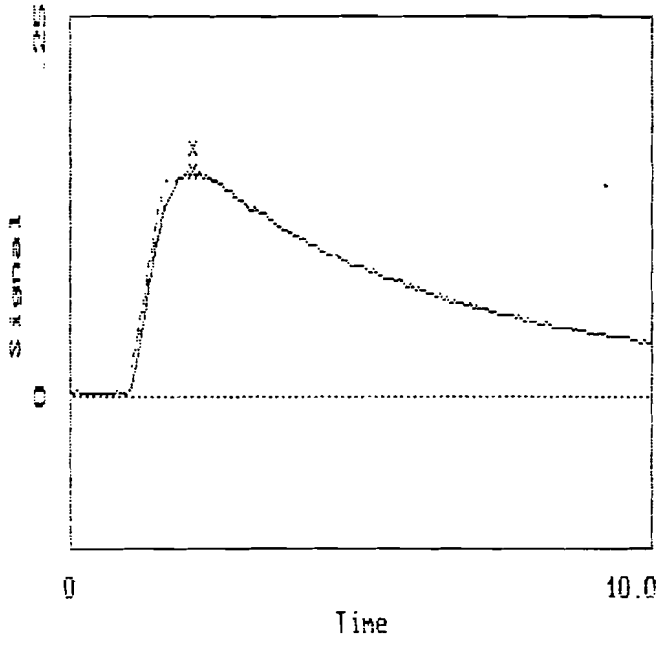
Method: HG Sample Name: 0627808 2X Operator: AMB
Run Time: 07/10/96 16:20:09
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	3.855

HG Unk Conc F:1 SN:0627009 5X 07/10/96 16:26:59

xHg

#1 4.172



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 04:28:39 PM page 1

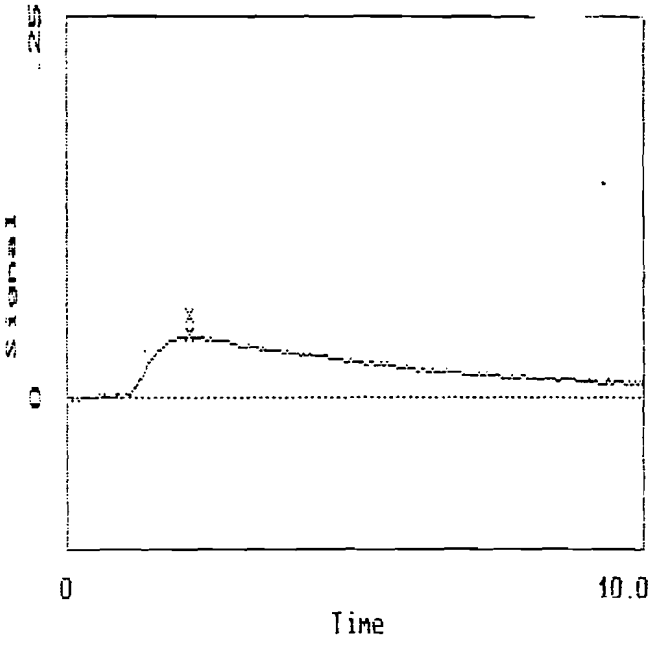
Method: HG Sample Name: 0627809 5X Operator: AMB
Run Time: 07/10/96 16:26:59
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	4.172

Hg, Unk Conc F:1 SN:8627883-25X 07/10/96 16:29:54

xHg

#1 1.162



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 07-10-96 04:31:34 PM page 1

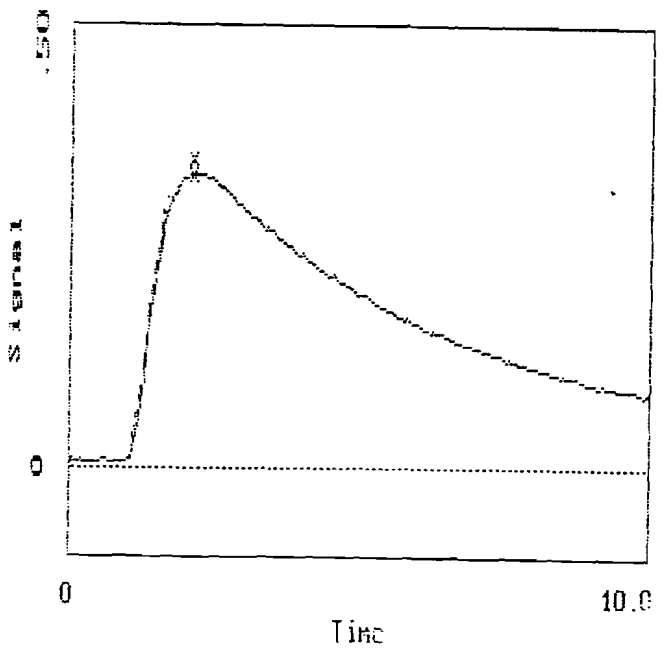
Method: HG Sample Name: 0627803 25X Operator: AMB
Run Time: 07/10/96 16:29:54
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	1.162

HG Unk Conc F:1 SN:8627804 25X 07/10/96 16:35:28

xHg

#1 9.310



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 04:37:07 PM page 1

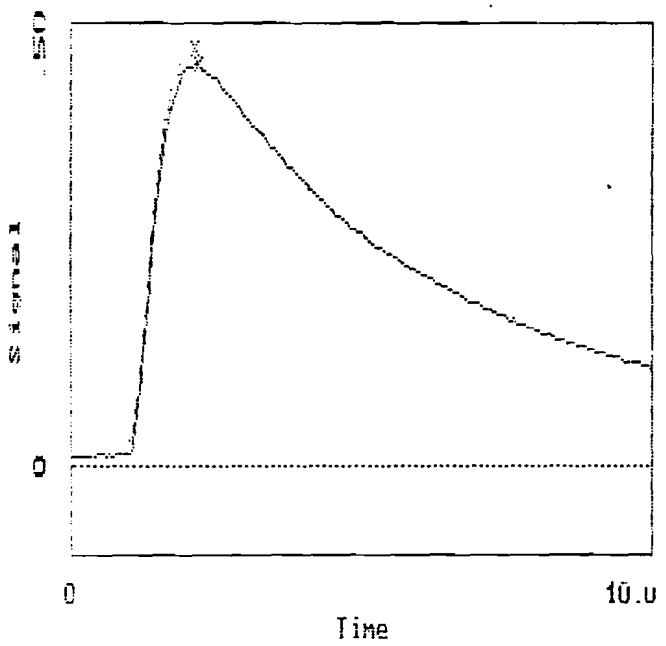
Method: HG Sample Name: 0627804 25X Operator: AMB
Run Time: 07/10/96 16:35:28
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	9.310

HG Unk Conc F:1 SN:0627985 25X 07/10/96 16:38:28

xHg

#1 12.64



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 04:40:00 PM page 1

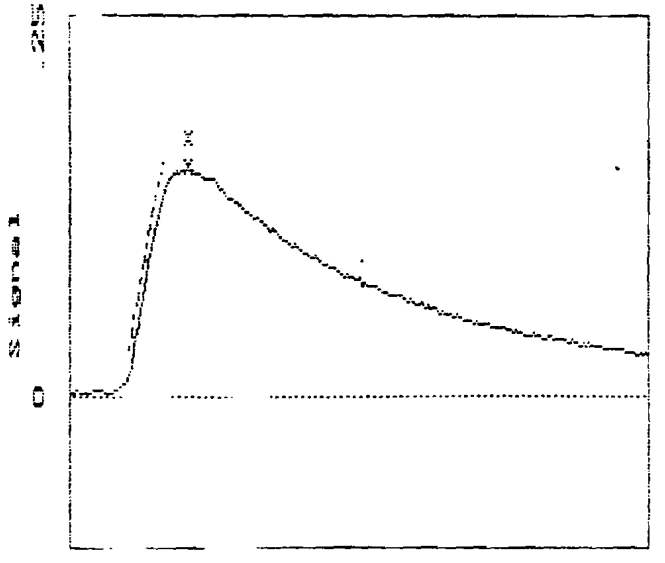
Method: HG Sample Name: 0627805 25X Operator: AMB
Run Time: 07/10/96 16:38:20
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	C12.64

Hg Unk Conc F:1 SN:CCV-1-4' 07/10/96 16:41:17

xHg

#1 4.282



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 04:42:56 PM page 1

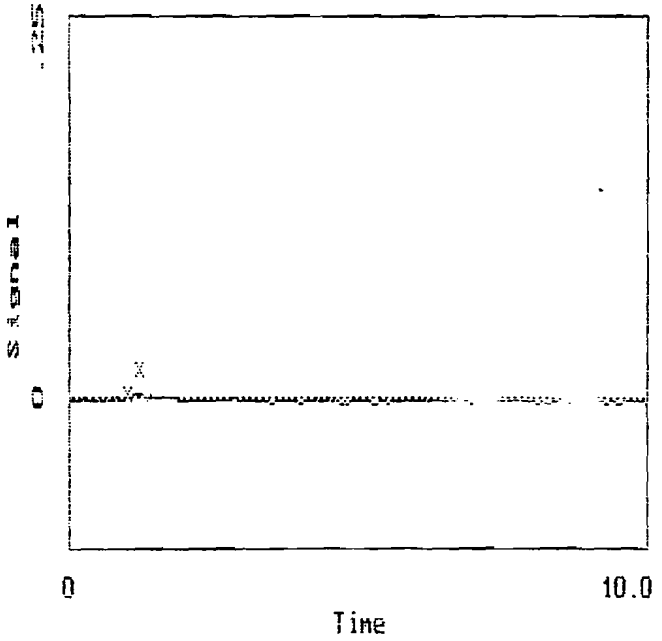
Method: HG Sample Name: CCV-1-4 Operator: AMD
Run Time: 07/10/96 16:41:17
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	4.202

HG Unk Conc F:1 SW:CCR-1-4 07/10/96 16:44:12

xHg

#1 .0417



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 04:45:52 PM page

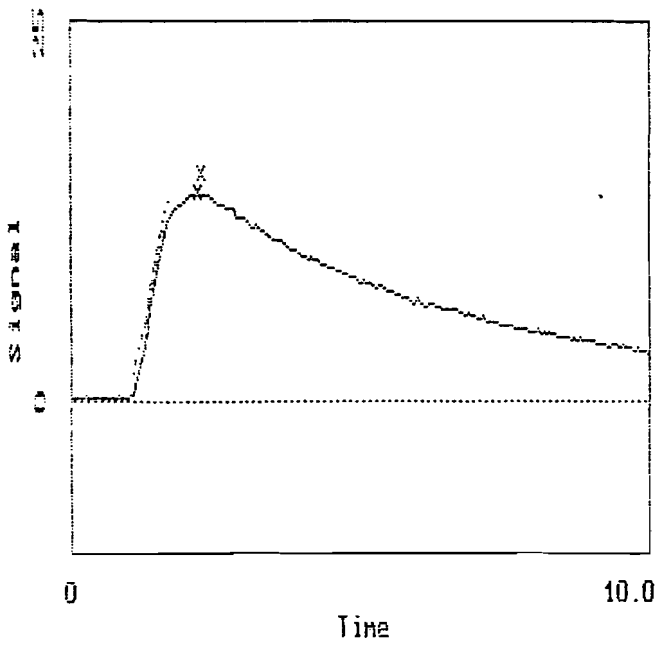
Method: HG Sample Name: CCB-1-4 Operator: AMB
Run Time: 07/10/96 16:44:12
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0417

HG Unk Conc F:1 SN:8638006 10X 07/10/96 16:46:42

xHg

#1 3.855



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 04:48:21 PM page 1

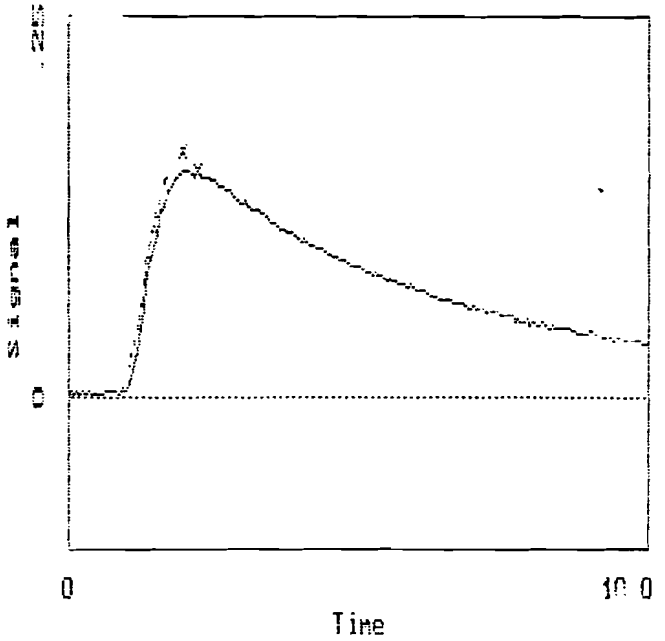
Method: HG Sample Name: 0638006 10X Operator: AMB
Run Time: 07/10/96 16:46:42
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	3.855

HG Unk Conc F:1 SN:0638007 10X 07/10/96 16:49:26

xHg

#1 4.193



Corrected ———
Uncorrected - - - - -

Analysis Report

Wed 07-10-96 04:51:06 PM Page

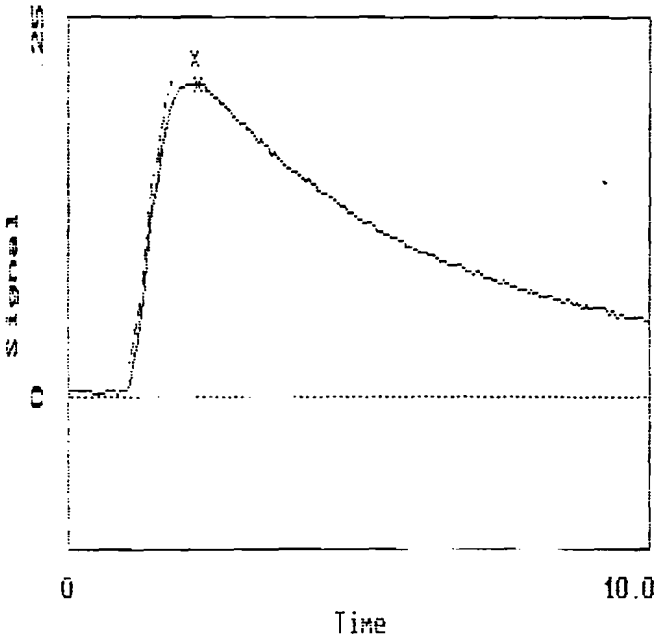
Method: HG Sample Name: 0638007 10X Operator: AMB
Run Time: 07/10/96 16:49:26
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	4.193

"G Unk Conc F:1 SN:0640884 10X 07/10/96 16:52:01

xng

#1 5.769



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 04:53:41 PM page 1

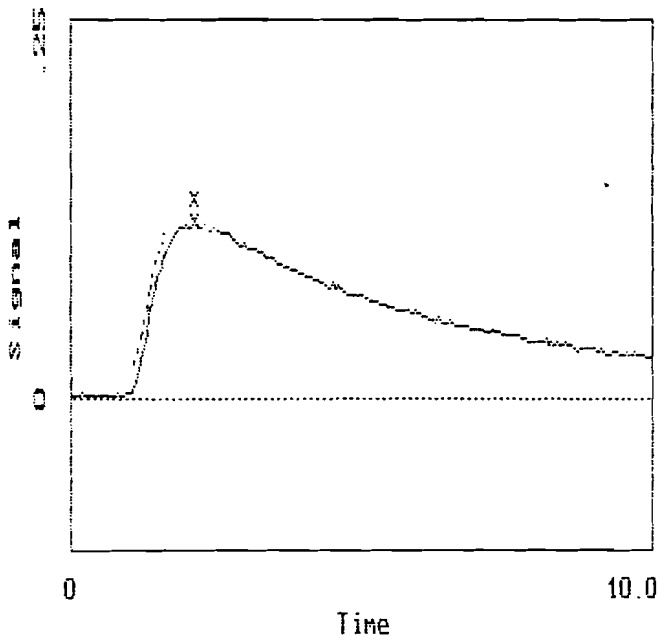
Method: HG Sample Name: 0640804 10X Operator: AMB
Run Time: 07/10/96 16:52:01
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	5.769

"G Unk Conc F:1 SN:0640805 10X 07/10/96 16:54:41

xHg

#1 3.281



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 04:56:20 PM page 1

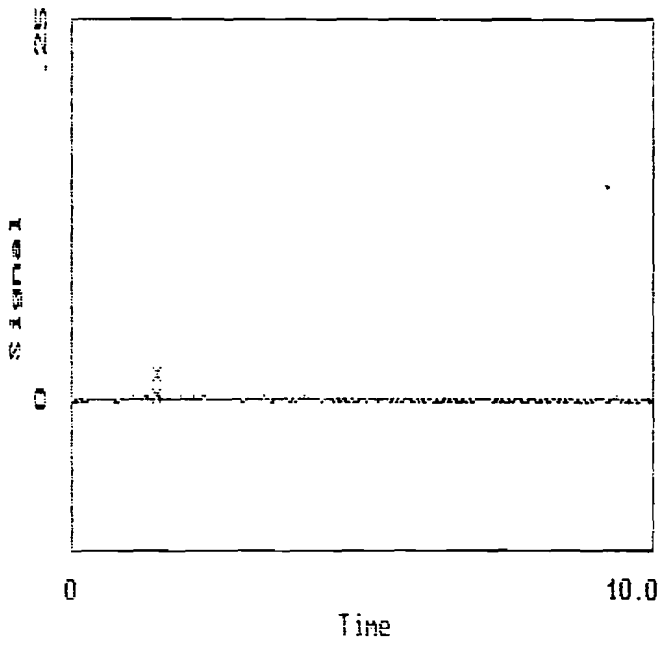
Method: HG Sample Name: 0640805 10X Operator: AMB
Run Time: 07/10/96 16:54:41
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	3.281

HG Unk Conc F:1 SN:0627806 07/10/96 16:57:14

xHg

#1 .0352



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 04:58:54 PM page 1

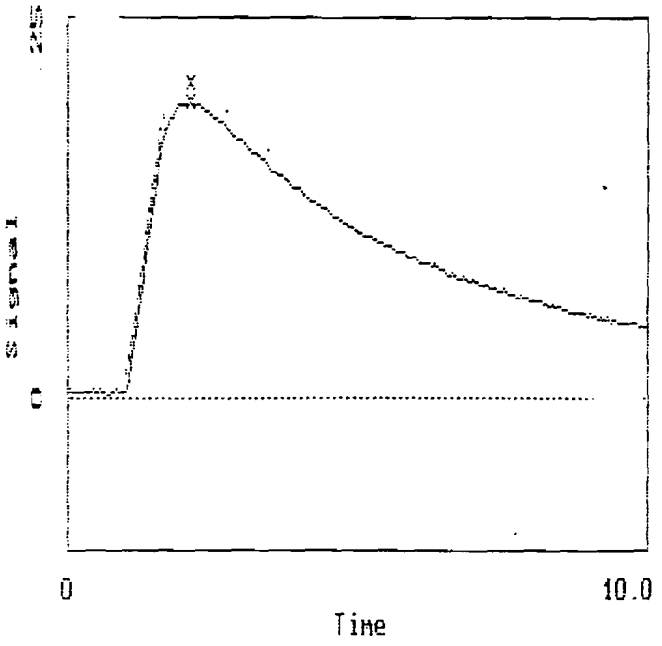
Method: HG Sample Name: 0627806 Operator: AMB
Run Time: 07/10/96 16:57:14
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0352

HG Unk Conc F:1 SN:0627003 5D 07/10/96 17:00:05

xHg

#1 5.468



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 07-10-96 05:01:44 PM Page 1

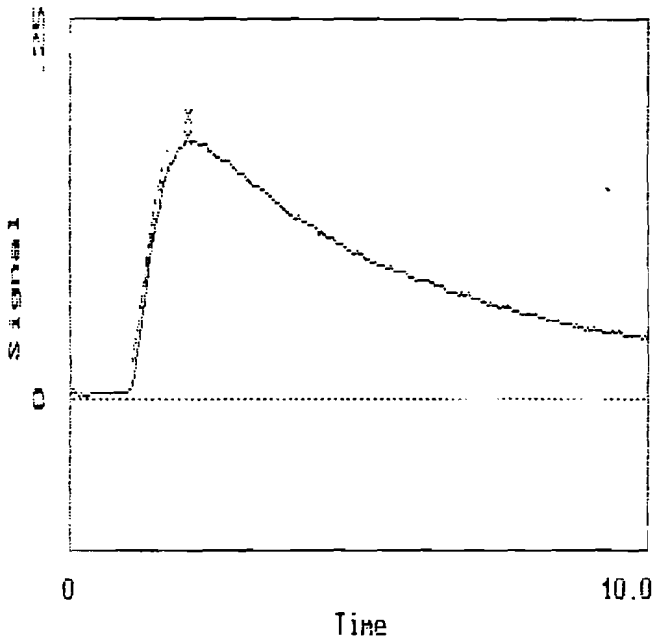
Method: HG Sample Name: 0627803 5D Operator: AMB
Run Time: 07/10/96 17:00:05
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	5.468

HG Unk Conc F:1 SN:0627804-50D 07/10/96 17:03:08

xHg

#1 4.812



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 05:04:48 PM page 1

Method: HG Sample Name: 0627804 50D Operator: AMB
Run Time: 07/10/96 17:03:08
Comment:
Mode: Conc Corr. Factor: 1

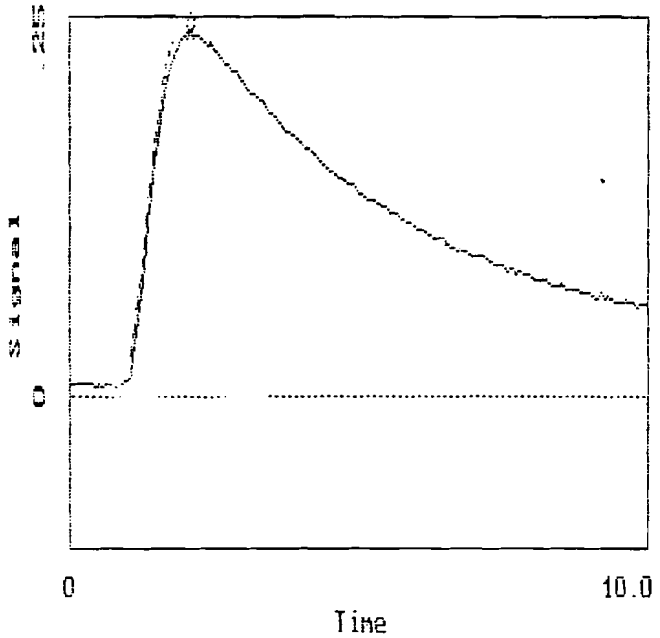
Elem	Hg
Units	PPB
Avge	4.812

000580

HG Unk Conc F:1 SN:0627805 50X 07/10/96 17:05:45

xHg

#1 6.676



Corrected ———
Uncorrected - - -

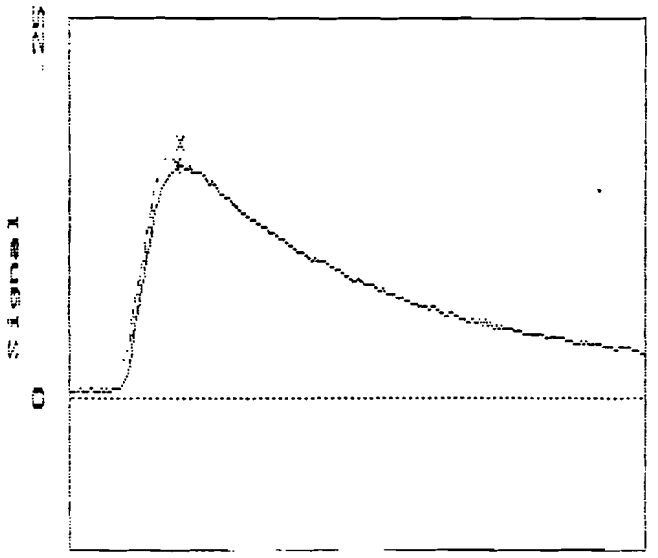
Method: HG Sample Name: 0627805 50X Operator: AMB
Run Time: 07/10/96 17:05:45
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	6.676

HG Unk Conc F:1 SN:CCV-1-5 07/10/96 17:08:25

xHg

#1 4.293



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 05:10:05 PM page 1

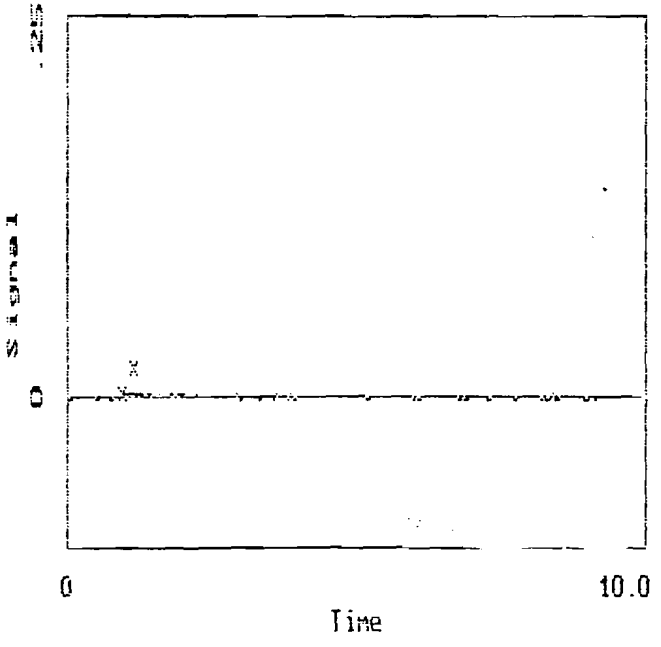
Method: HG Sample Name: CCV-1-5 Operator: AMB
Run Time: 07/10/96 17:08:25
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	4.293

HG Unk Conc F:1 SN:CCR-1-5 07/10/96 17:10:56

xHg

#1 .0606



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 07-10-96 05:12:35 PM page 1

Method: HG Sample Name: CCB-1-5 Operator: AMB
Run Time: 07/10/96 17:10:56
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0606

Laboratory Resources, Inc

Division: Taterboro

Department: Metals

Date: 07/12/96

Shift: Night

Instrument No.: TJA 1000

Batch No.: 1933, 1922, Rush (9).

Raw Data W/: 1933, 1922

Analyst: AR

Supervisor: _____

Prep Date: 07/11/96 / 07/12/96

Prep Time

Start: _____ / 5:30 pm

End: _____ / 6:00 pm

Water Bath: 95 T, OC

RUN LOG

Parameter: Mercury

Matrix: Liquids/Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
	ICV-1				4.159		TV = 4.0 ppb %R = 104
	ICB-1				0.0668		
	CCV-1-1				4.204		TV = 4.0 ppb %R = 105.1
	CCB-1-1				0.0314		
1	CRA-1				0.2010		TV = 0.20 ppb %R = 100.5
2	PBS-1933	1933	500D		0.0055		
3	LCSS-1933	↓	↓		1.180		TV = 1.0 ppb %R = 118
4	0623901				0.6527		
5	0623902				0.0635		
6	0623902D				0.0602		
7	0623902S				1.085		TV = 1.0 ppb %R = 108.5
8	0623904				5.059		
9	0623905				0.0461		
10	0623906	↓	↓		1.168		
	CCV-1-2				4.191		TV = 4.0 ppb %R = 104.8
	CCB-1-2				0.0558		

000587

0000

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 07/12/96 Analyst: AD

RUN LOG

Parameter: Mercury

Matrix: Liquids / Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
1	0623907	1933	500D		0.9357		
2	0623910	↓	↓		0.0594		
3	0627801				0.6088		
4	0627806	↓	↓		0.0338		
5							
6							
7							
8							
9							
10							
	CCV-1-3				4.157		TV = 4.0 ppb %R = 103.9
	CCB-1-3				0.0290		
1	PBS-1922	1922	500D		-0.1038		
2	LCSS	↓	↓		0.8877		TV = 1.0 ppb %R = 88.8
3	0623116				1.031		
4	0623117	↓	↓		0.1754		
5	PBS				-0.1138		
6	LCSS				3.747	1870	TV = 2000 ppb %R = 94
7	LCSSD				3.685	1840	92
8	0721001				3.716		
9	0721002				2.463		
10	0721003		↓		30.29	dil	RR
	CCV-1-4				4.195		TV = 4.0 ppb %R = 104.9
	CCB-1-4				0.0628		

000588

0007

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 07/12/96 Analyst: AD

RUN LOG

Parameter: Mercury

Matrix: Liquids / Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
1	07210038		500		32.56	OVR	RR
2	07210044				10.12	OVR	RR
3	07210055				29.98	OVR	RR
4	07210065D				26.27	OVR	RR
5	0721007				21.58	OVR	RR
6	0721008				3.093		
7	0721009				23.20	OVR	RR
8	0721010				0.7824		
9							
10							
	CCV-1-5				3.634		TV = 4.0 ppb %R = 90.9
	CCB-1-5				0.1719		
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
	CCV						TV = 4.0 ppb %R =
	CCB						

000589

0008

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 07/12/96 Analyst: AD

RUN LOG

Parameter: Mercury

Matrix: Liquids / Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
	CCV						TV = 4.0 ppb %R =
	CCB						
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
	CCV						TV = 4.0 ppb %R =
	CCB						

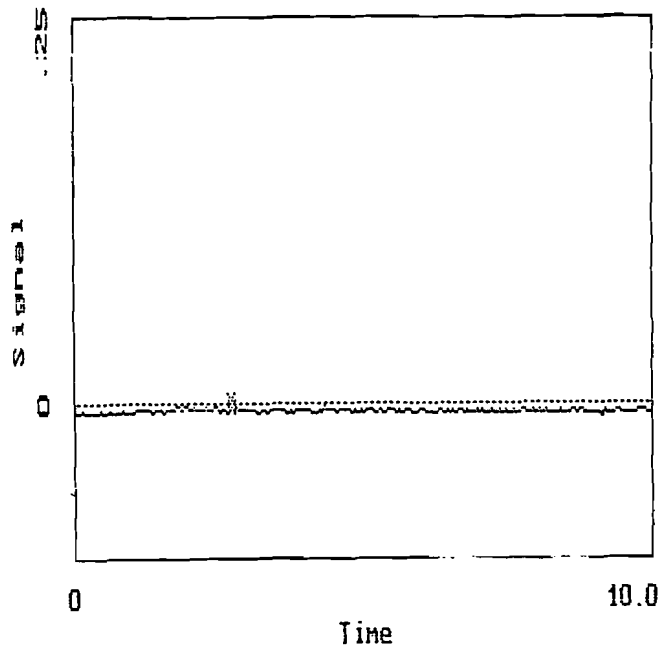
000590

0009

Method: HG Standard: BlankSTD 07/12/96 06:05

xHg

#1 -.0026



Corrected ———
Uncorrected - - - - -

ANALYST SIGNATURE: _____

SUPERVISOR SIGNATURE: _____

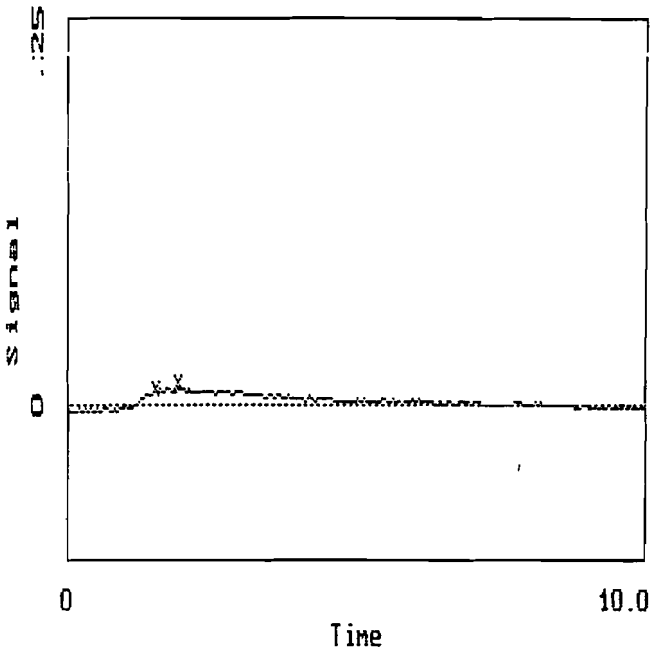
Method: HG Standard: BlankSTD Date: 07/12/96 06:05

Elem	Hg
Avge	-.0026

Method: HG Standard: STD1 07/12/96 06:08

xHg

#1 .0096



Corrected ———
Uncorrected - - - - -

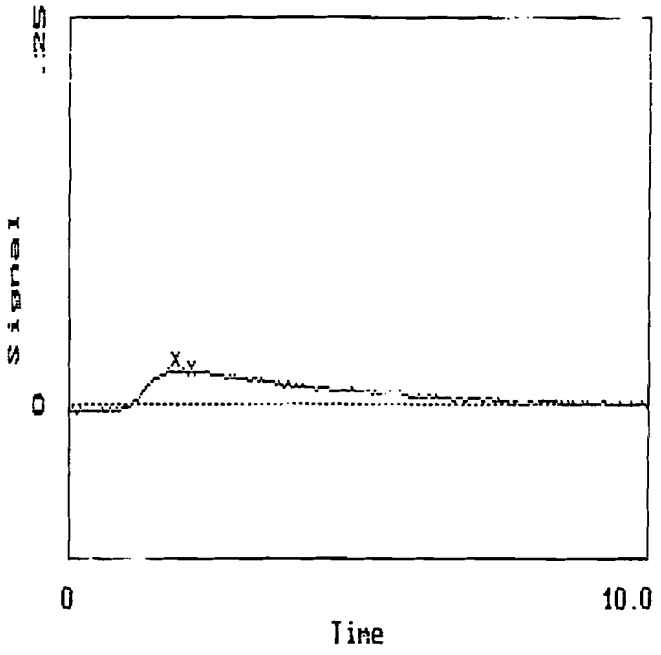
Method: HG Standard: STD1 Date: 07/12/96 06:08

Elem	Hg
Avge	.0096

Method: HG Standard: STD2 07/12/96 06:11

xHg

#1 .0216



Corrected ———
Uncorrected - - - - -

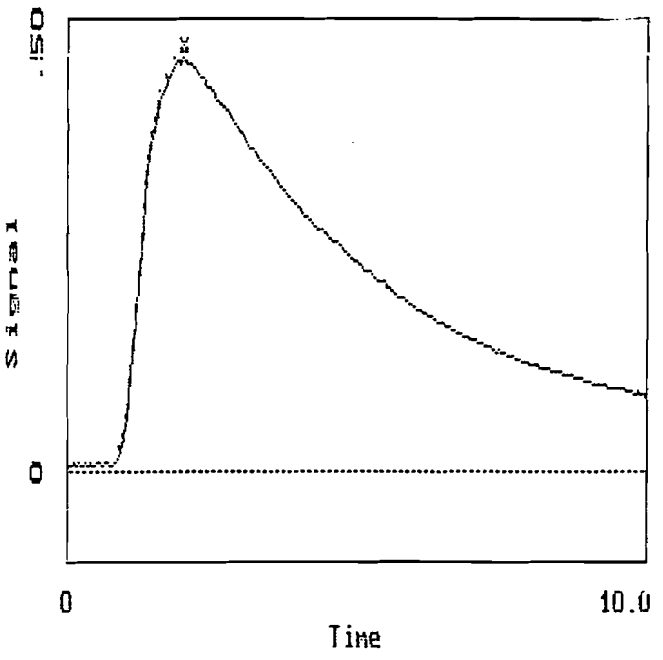
Method: HG Standard: STD2 Date: 07/12/96 06:11

Elem	Hg
Avge	.0216

Method: HG Standard: STD5 07/12/96 06:19

xHg

#1 .4564



Corrected ———
Uncorrected - - - - -

Method: HG Standard: STD5 Date: 07/12/96 06:19

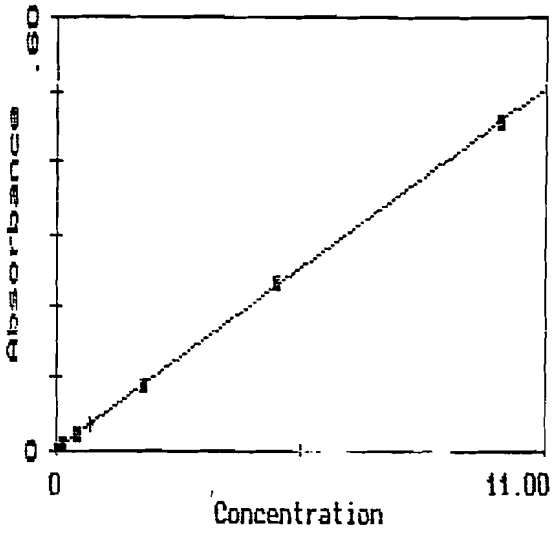
Elem	Hg
Avge	.4564

Method: HG Element: Hg Wavelength: 253.70 Element 1 of 1

Correlation Coefficient: .999847
Conc. Correlation: .999895

Coefficients
a1 = .045942 Abs : .036888
a2 = 0 Conc : .80292
a3 = 0

Fit Straight Line



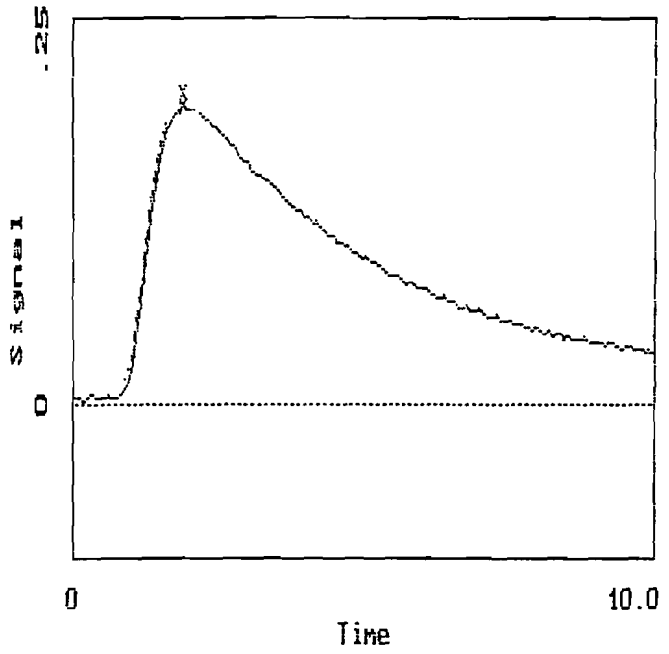
Date: 12 Jul 96 18:19
Slope corr.: 1

Standard:	BlankSTD	STD1	STD2	STD3	STD4	STD5
Absorbance:	0.0000	.009635	.021632	.091055	.234499	.456358
Known conc.:	0	.2	.5	2	5	10
Calc. conc.:	0.0000	.209713	.470865	1.98196	5.10427	9.93339
Residual:	0.0000	.009713	-.029135	-.018042	.104267	-.066609

HG Unk Conc F:1 SN:ICV-1 07/12/96 18:22:52

xHg

#1 4.159



Corrected ———
Uncorrected - - - - -

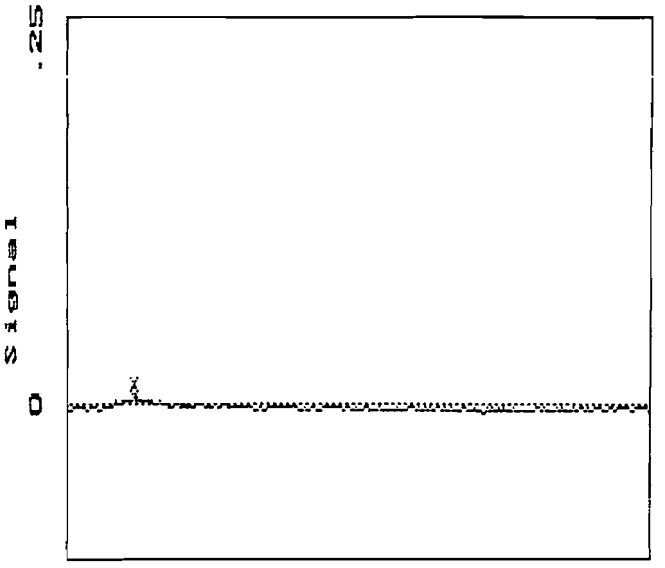
Method: HG Sample Name: ICV-1 Operator: AMB
Run Time: 07/12/96 18:22:52
Comment:
Mode: Conc Corr. Factor: 1

lem	Hg
Units	PPB
Avge	4.159

HG Unk Conc F:1 SN:ICB-1 07/12/96 18:25:49

xHg

#1 .8668



Corrected ————

Uncorrected - - - - -

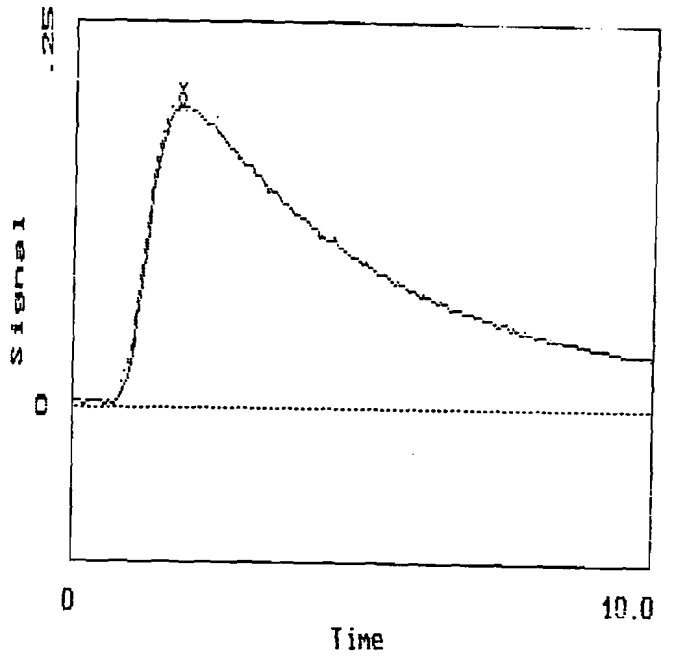
Method: HG Sample Name: ICB-1 Operator: AMB
Run Time: 07/12/96 18:25:49
Comment:
Mode: Conc Corr. Factor: 1

Item	Hg
Units	PPB
Avge	.0668

HG Unk Conc F:1 SN:CCV-1-1 07/12/96 18:28:44

xHg

#1 4.284



Corrected ———
Uncorrected - - - - -

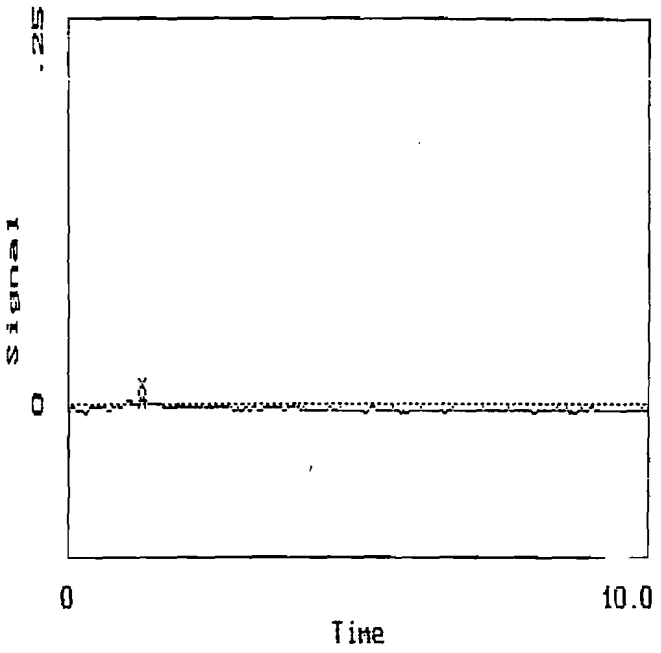
Method: HG Sample Name: CCV-1-1 Operator: AMB
Run Time: 07/12/96 18:28:44
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	4.204

HG Unk Conc F:1 SN:CCB-1-1 07/12/96 18:31:39

xHg

#1 .8314



Corrected ———

Uncorrected - - - - -

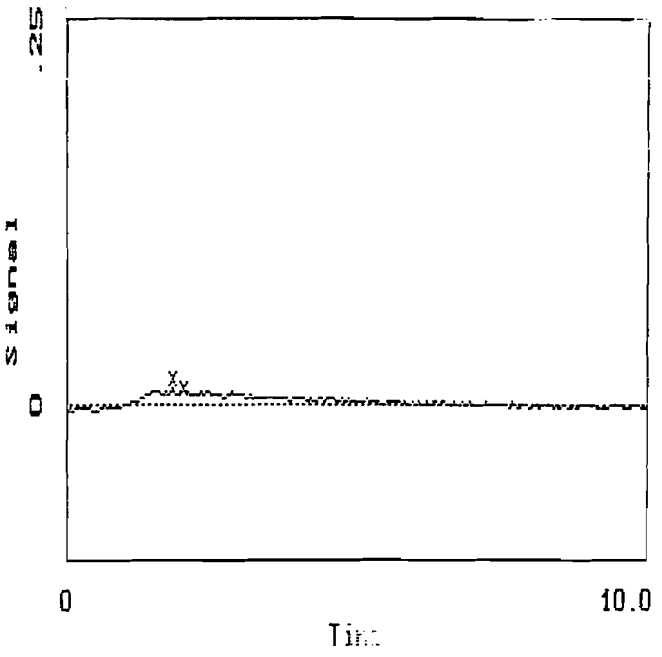
Method: HG Sample Name: CCB-1-1 Operator: AMB
Run Time: 07/12/96 18:31:39
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0314

HG Unk Conc F:1 SN:CRA-1 07/12/96 18:34:31

xHg

#1 .2810



Corrected ———
Uncorrected - - - - -

000612

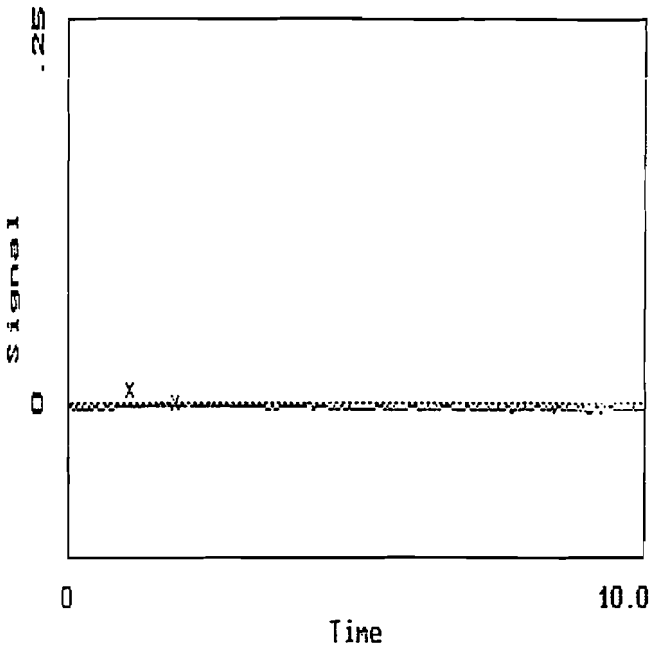
Method: HG Sample Name: CRA-1 Operator: AMB
Run Time: 07/12/96 18:34:31
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.2010

HG Unk Conc F:1 SN:PBS-1933 07/12/96 18:37:27

xHg

#1 -.0055



Corrected ————

Uncorrected - - - - -

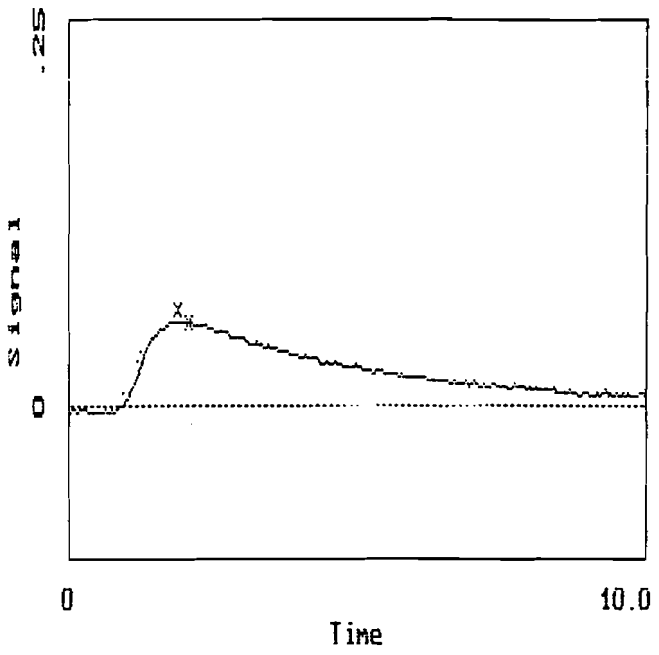
Method: HG Sample Name: PBS-1933 Operator: AMB
Run Time: 07/12/96 18:37:27
Comment:
Mode: Conc Corr. Factor: 1

lem	Hg
Units	PPB
Avge	<.0000

HG Unk Conc F:1 SN:LCSS-1933 07/12/96 18:40:27

xHg

#1 1.199



Corrected ———

Uncorrected - - - - -

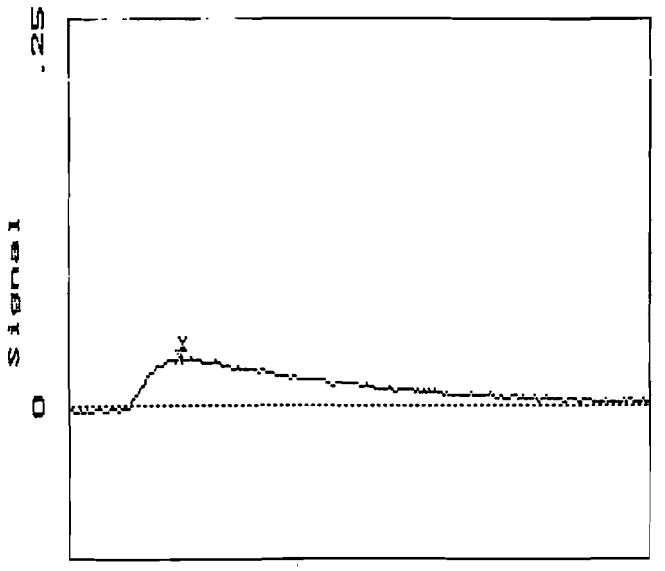
Method: HG Sample Name: LCSS-1933 Operator: AMB
Run Time: 07/12/96 18:40:27
Comment:
Mode: Conc Corr. Factor: 1

lem	Hg
Units	PPB
Avge	1.180

HG Unk Conc F:1 SN:0623981 07/12/96 18:43:25

xHg

#1 .6527



Corrected ———
Uncorrected - - - - -

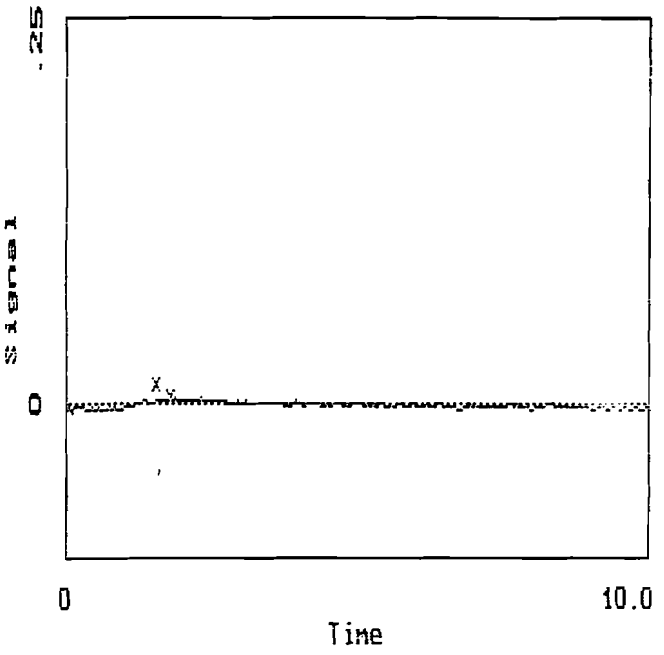
Method: HG Sample Name: 0623901 Operator: AMB
Run Time: 07/12/96 18:43:25
Comment:
Mode: Conc Corr. Factor: 1

Item	Hg
Units	PPB
Avge	.6527

HG Unk Conc F:1 SN:8623902 07/12/96 18:46:27

xHg

#1 .0635



Corrected ———

Uncorrected - - - - -

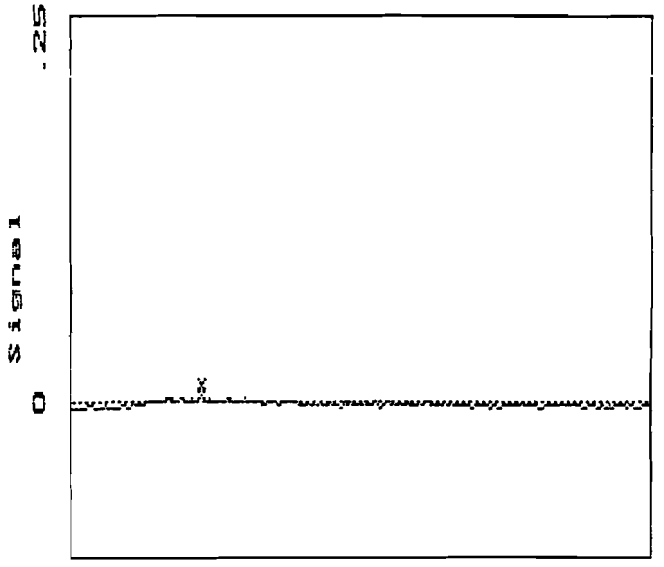
Method: HG Sample Name: 0623902 Operator: AMB
Run Time: 07/12/96 18:46:27
Comment:
Mode: Conc Corr. Factor: 1

Item	Hg
Units	PPB
Avge	.0635

HG Unk Conc F:1 SN:0623902D 07/12/96 18:49:24

xHg

#1 .0682



Corrected ———
Uncorrected - - - - -

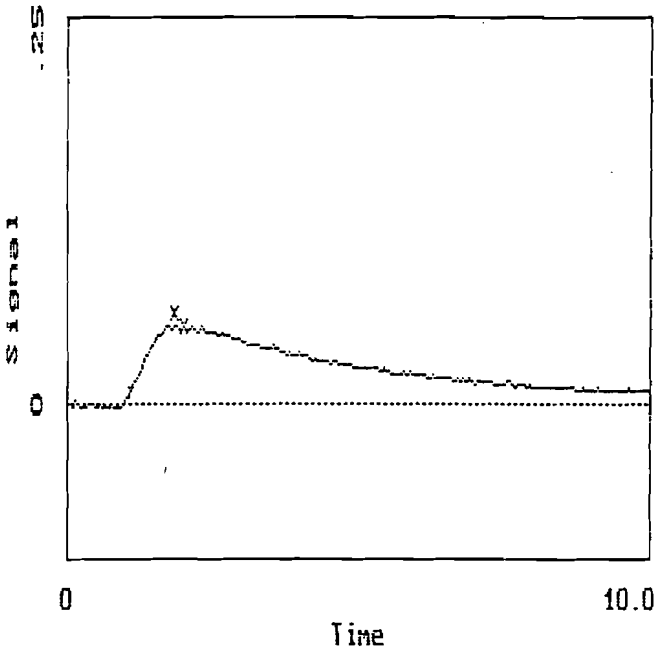
Method: HG Sample Name: 0623902D Operator: AMB
Run Time: 07/12/96 18:49:24
Comment:
Mode: Conc Corr. Factor: 1

Item	Hg
Units	PPB
Avge	.0602

HG Unk Conc F:1 SN:0623982S 07/12/96 18:52:25

xHg

#1 1.885



Corrected ———

Uncorrected - - - - -

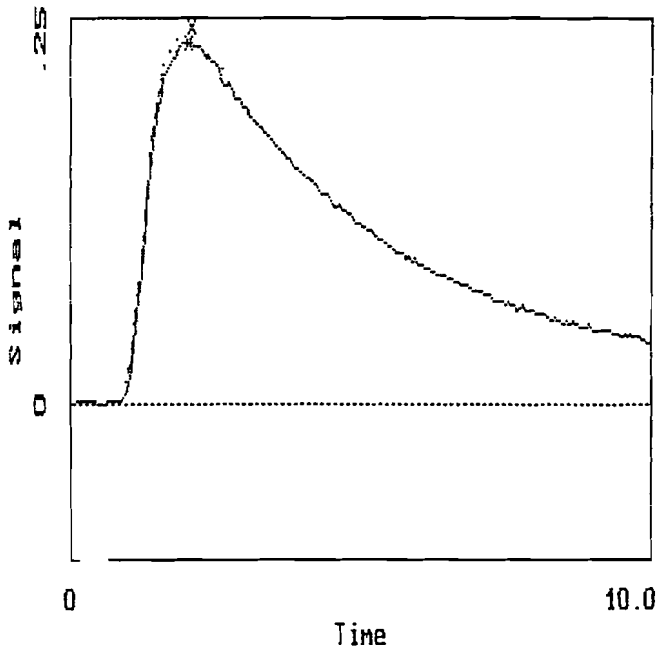
Method: HG Sample Name: 0623902S Operator: AMB
Run Time: 07/12/96 18:52:25
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	1.085

HG Unk Conc F:1 SN:0623984 07/12/96 18:55:25

xHg

#1 5.057



Corrected ———
Uncorrected - - - - -

000626

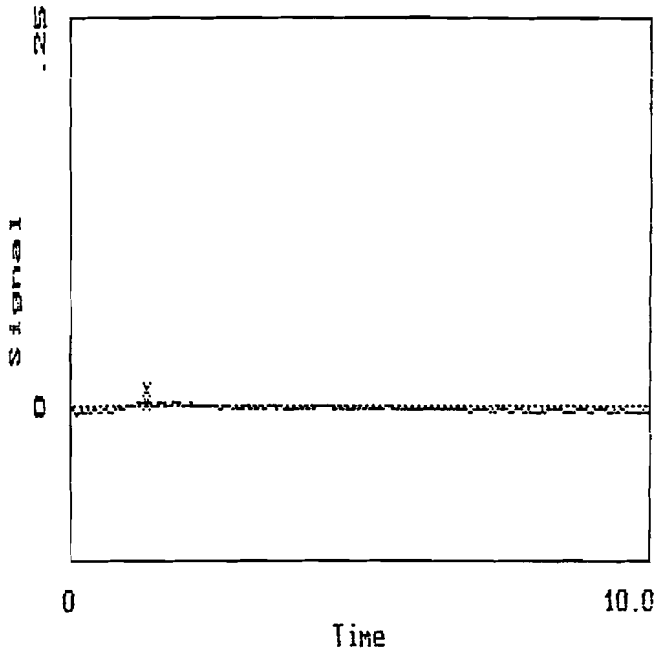
Method: HG Sample Name: 0623904 Operator: AMB
Run Time: 07/12/96 18:55:25
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	5.057

HG Unk Conc F:1 SN:0623985 07/12/96 18:58:46

xHg

#1 .0461



Corrected ———

Uncorrected - - - - -

000628

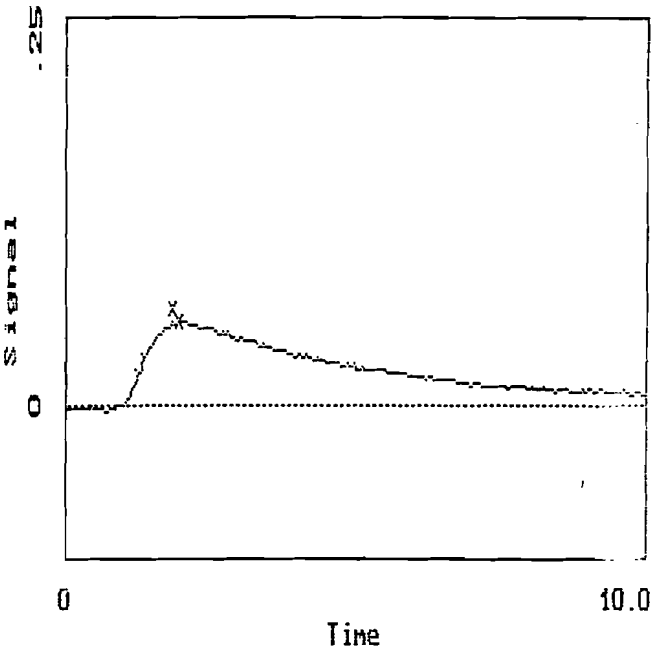
Method: HG Sample Name: 0623905 Operator: AMB
Run Time: 07/12/96 18:58:46
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0461

HG Unk Conc F:1 SN:0623906 07/12/96 19:01:47

xHg

#1 1.168



Corrected ———
Uncorrected - - - - -

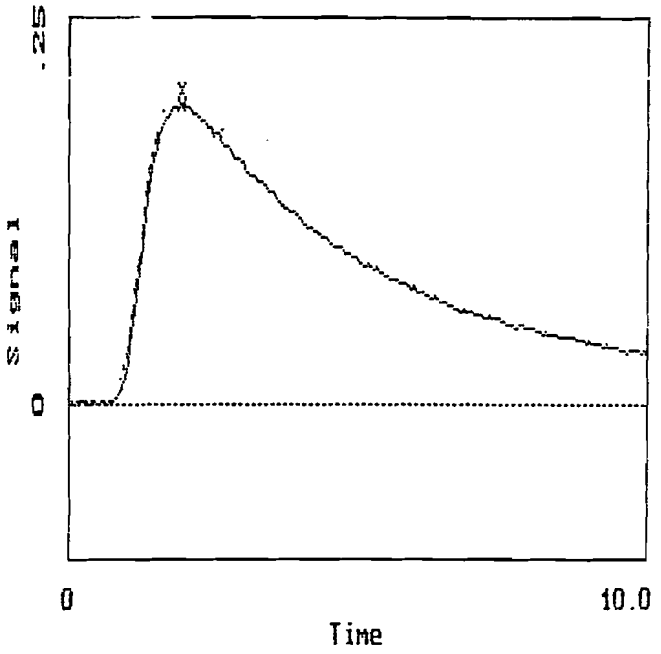
Method: HG Sample Name: 0623906 Operator: AMB
Run Time: 07/12/96 19:01:47
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	1.168

HG Unk Conc F:1 SN:CCV-1-2 07/12/96 19:04:48

xHg

#1 4.191



Corrected ———

Uncorrected - - - - -

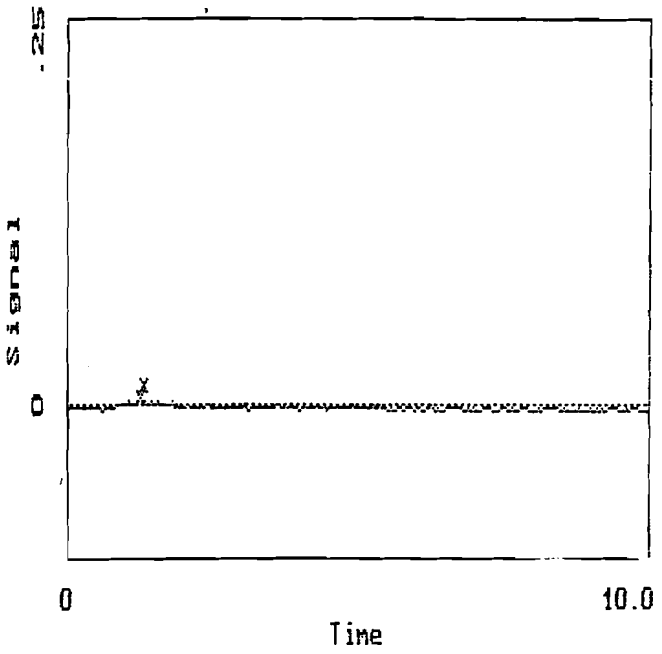
Method: HG Sample Name: CCV-1-2 Operator: AMB
Run Time: 07/12/96 19:04:48
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	4.191

HG Unk Conc F:1 SN:CCB-1-2 07/12/96 19:07:41

xHg

#1 .0558



Corrected ———
Uncorrected - - - - -

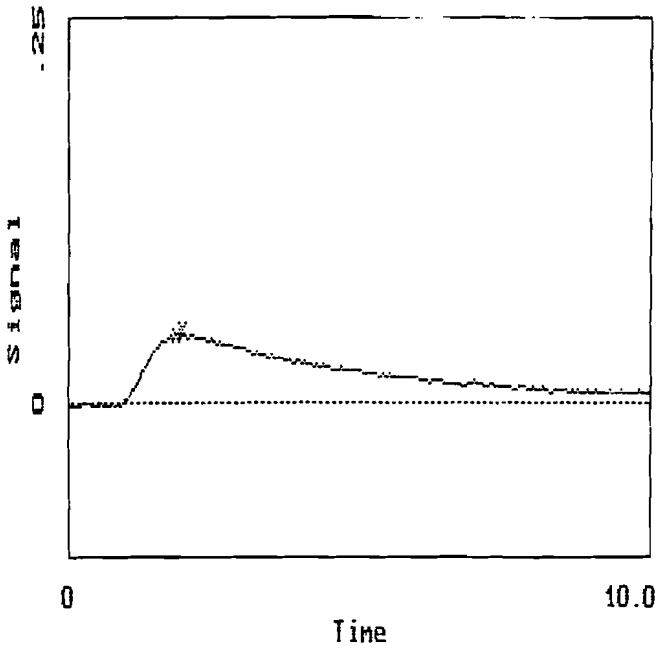
Method: HG Sample Name: CCB-1-2 Operator: AMB
Run Time: 07/12/96 19:07:41
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0558

HG Unk Conc F:1 SN:0623987 07/12/96 19:12:46

xHg

#1 .9357



Corrected ———
Uncorrected - - - - -

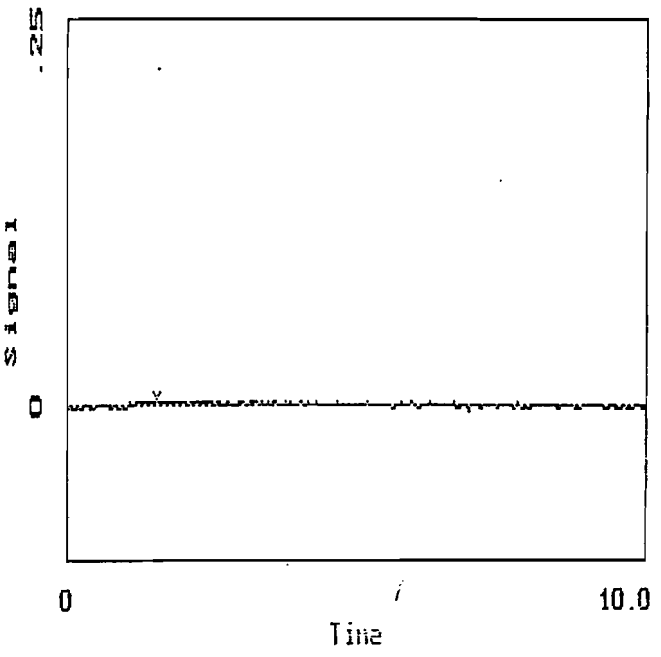
Method: HG Sample Name: 0623907 Operator: AMB
Run Time: 07/12/96 19:12:46
Comment:
Mode: Conc Corr. Factor: 1

Item	Hg
Units	PPB
Avge	.9357

HG Unk Conc F:1 SN:0623910 07/12/96 19:15:40

xHg

#1 .0594



Corrected ———
Uncorrected - - - - -

000638

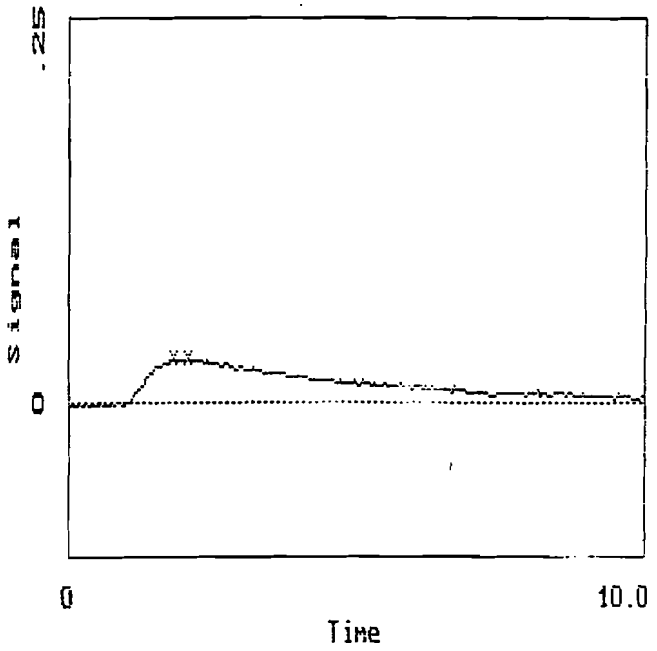
Method: HG Sample Name: 0623910 Operator: AMB
Run Time: 07/12/96 19:15:40
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0594

HG Unk Conc F:1 SN:0627881 07/12/96 19:18:30

xHg

#1 .6088



Corrected ———

Uncorrected - - - - -

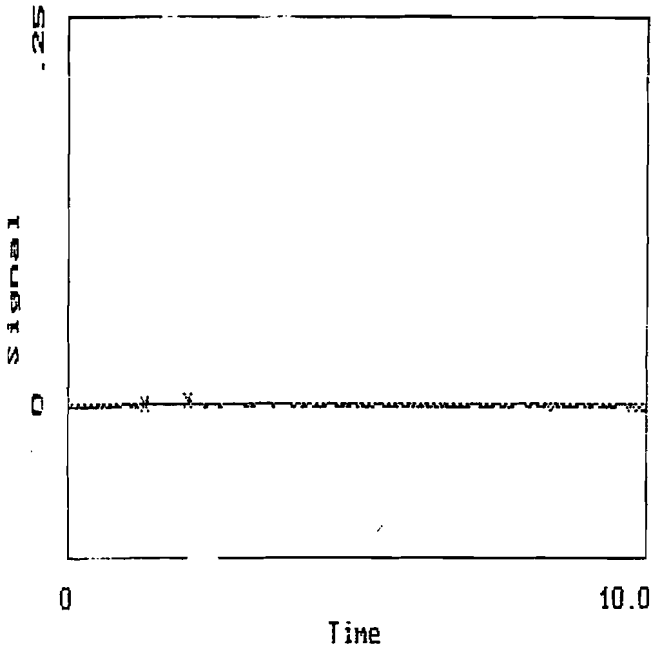
Method: HG Sample Name: 0627801 Operator: AMB
Run Time: 07/12/96 19:18:30
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.6088

HG Unk Conc F:1 SN:0627806 07/12/96 19:21:36

xHg

#1 .0338



Corrected ——— ---
Uncorrected - - - - -

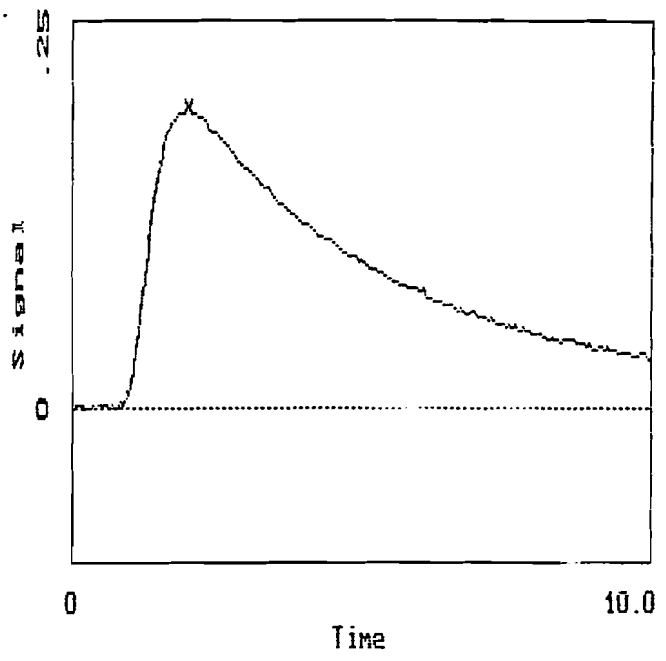
Method: HG Sample Name: 0627806 Operator: AMB
Run Time: 07/12/96 19:21:36
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0338

HG Unk Conc F:1 SN:CCV-1-3 07/12/96 19:24:46

xHg

#1 4.157



Corrected ———

Uncorrected - - - - -

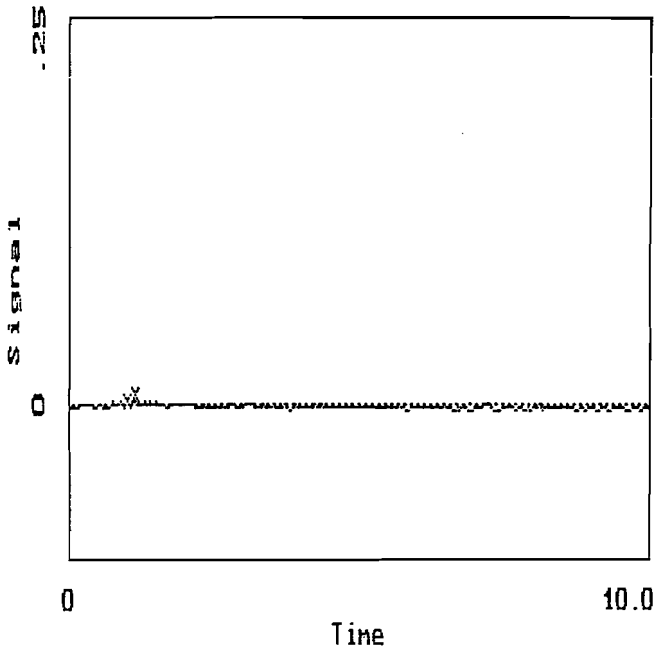
Method: HG Sample Name: CCV-1-3 Operator: AMB
Run Time: 07/12/96 19:24:46
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	4.157

HG Unk Conc F:1 SN:CCB-1-3 07/12/96 19:27:44

xHg

#1 .0290



Corrected ———

Uncorrected - - - - -

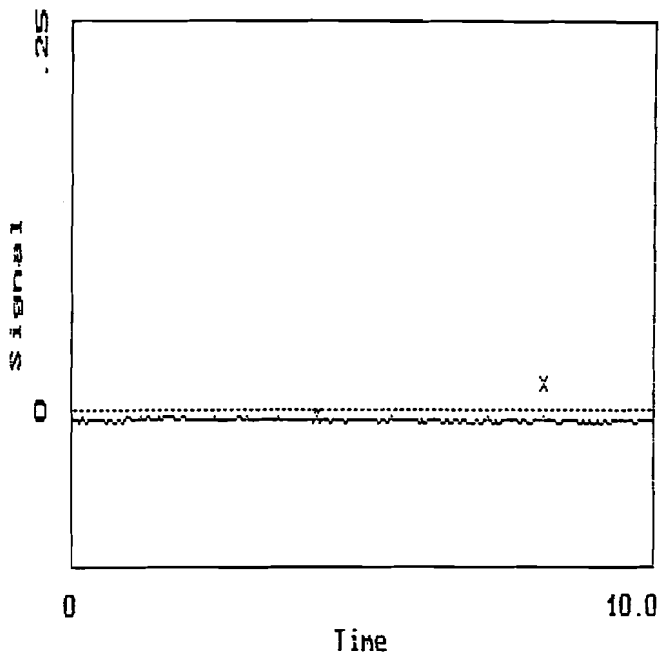
Method: HG Sample Name: CCB-1-3 Operator: AMB
Run Time: 07/12/96 19:27:44
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.0290

HG Unk Conc F:1 SN:PBS-1922 07/12/96 20:17:40

xHg

#1 -.1038



Corrected ————

Uncorrected - - - - -

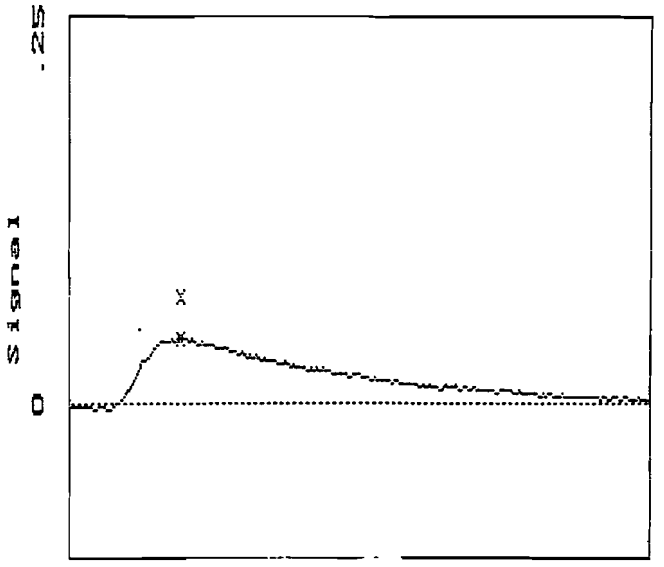
Method: HG Sample Name: PBS-1922 Operator: AMB
Run Time: 07/12/96 20:17:40
Comment:
Mode: Conc Corr. Factor: 1

Item	Hg
Units	PPB
Avge	<.0000

HG Unk Conc F:1 SN:LCSS-1922 07/12/96 20:21:04

xHg

#1 .8877



Corrected ———

Uncorrected - - - - -

000650

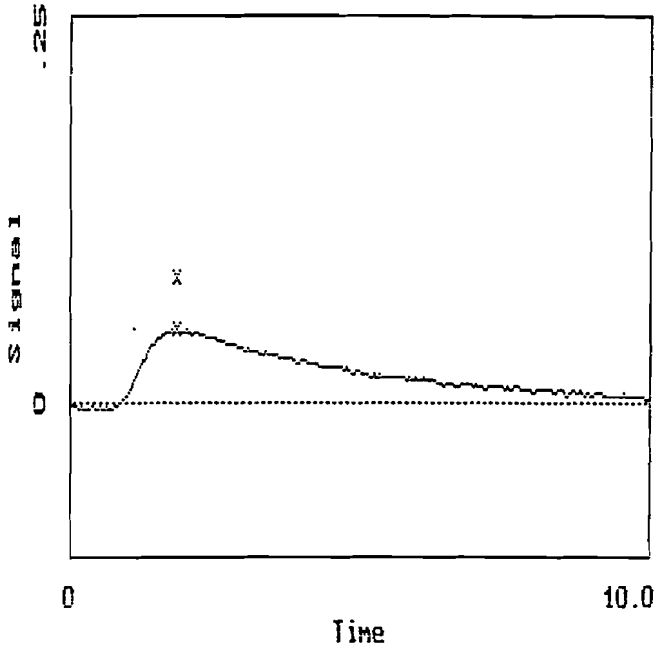
Method: HG Sample Name: LCSS-1922 Operator: AMB
Run Time: 07/12/96 20:21:04
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.8877

HG Unk Conc F:1 SN:0623116 07/12/96 20:24:04

xHg

#1 1.031



Corrected ———
Uncorrected - - - - -

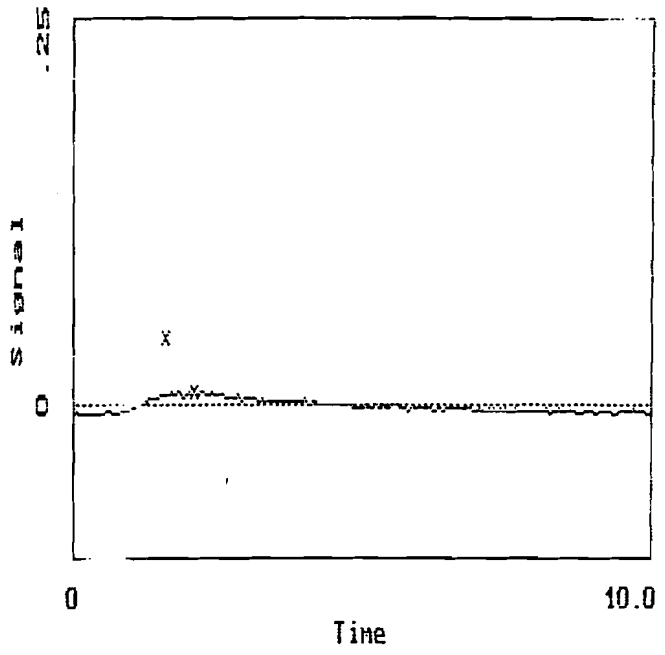
Method: HG Sample Name: 0623116 Operator: AMB
Run Time: 07/12/96 20:24:04
Comment:
Mode: Conc Corr. Factor: 1

Item	Hg
Units	PPB
Avge	1.031

HG Unk Conc F:1 SN:0623117 07/12/96 20:27:17

xHg

#1 .1754



Corrected ———
Uncorrected - - - - -

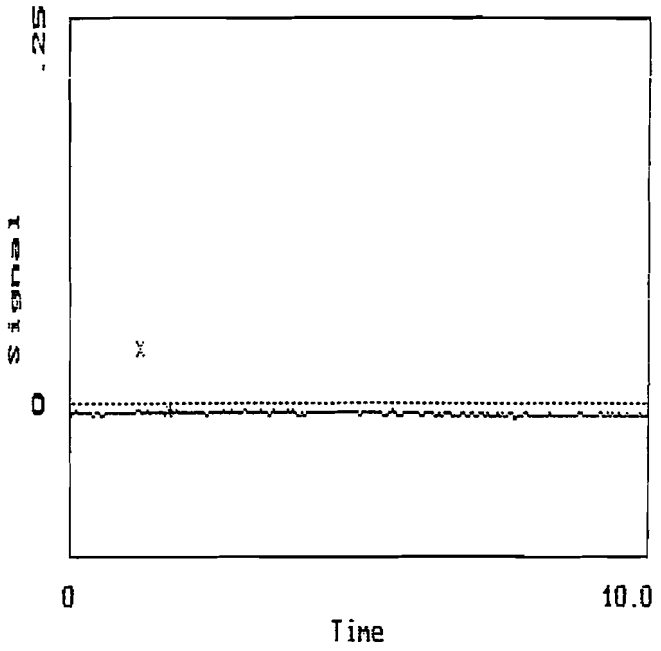
Method: HG Sample Name: 0623117 Operator: AMB
Run Time: 07/12/96 20:27:17
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	.1754

HG Unk Conc F:1 SN:PBS RUSH 07/12/96 20:30:16

xHg

#1 -.1138



Corrected ———
Uncorrected - - - - -

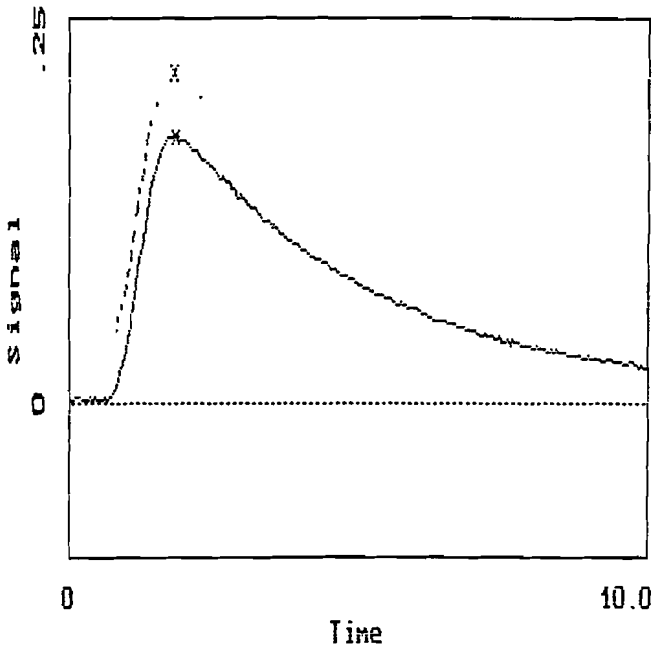
Method: HG Sample Name: PBS RUSH Operator: AMB
Run Time: 07/12/96 20:30:16
Comment:
Mode: Conc Corr. Factor: 1

Item	Hg
Units	PPB
Avge	<.0000

HG Unk Conc F:1 SN:LCSS-RUSH 07/12/96 20:33:26

xHg

#1 3.747



Corrected ———
Uncorrected - - - - -

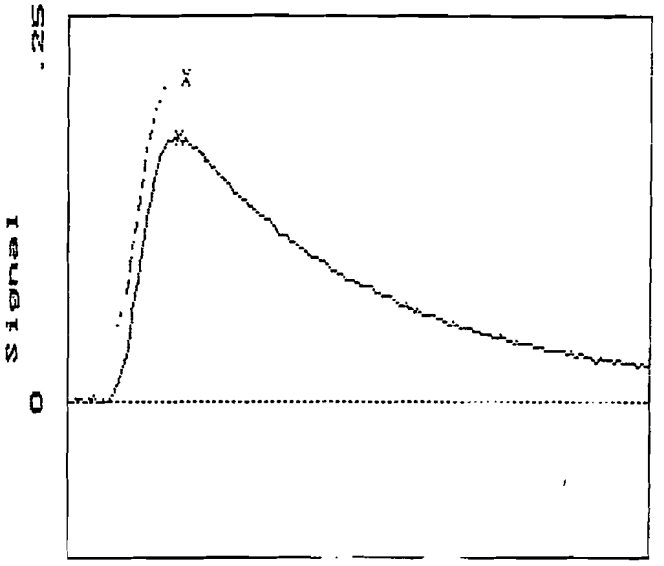
Method: HG Sample Name: LCSS-RUSH Operator: AMB
Run Time: 07/12/96 20:33:20
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	3.747

HG Unk Conc F:1 SN:LCSSD-RUSH 07/12/96 20:36:18

xHg

#1 3.605



Corrected ———

Uncorrected - - - - -

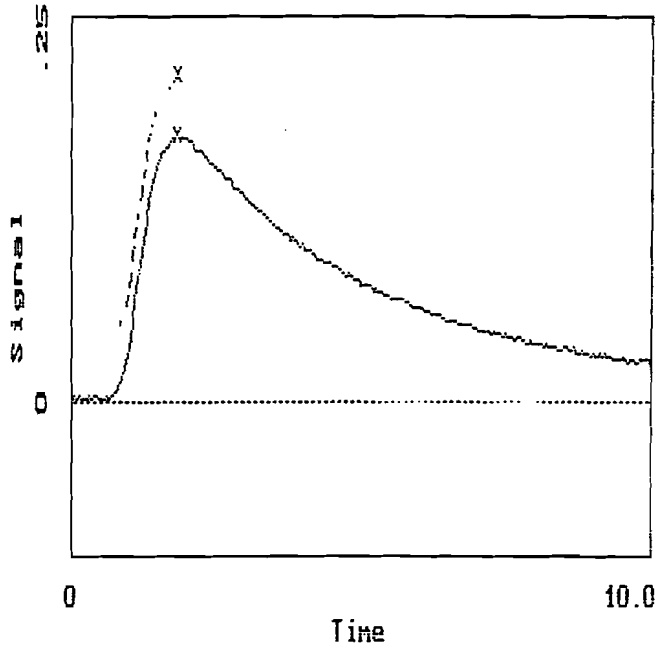
Method: HG Sample Name: LCSSD-RUSH Operator: AMB
Run Time: 07/12/96 20:36:18
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	3.685

HG Unk Conc F:1 SN:0721001 07/12/96 20:39:16

xHg

#1 3.716



Corrected ———
Uncorrected - - - - -

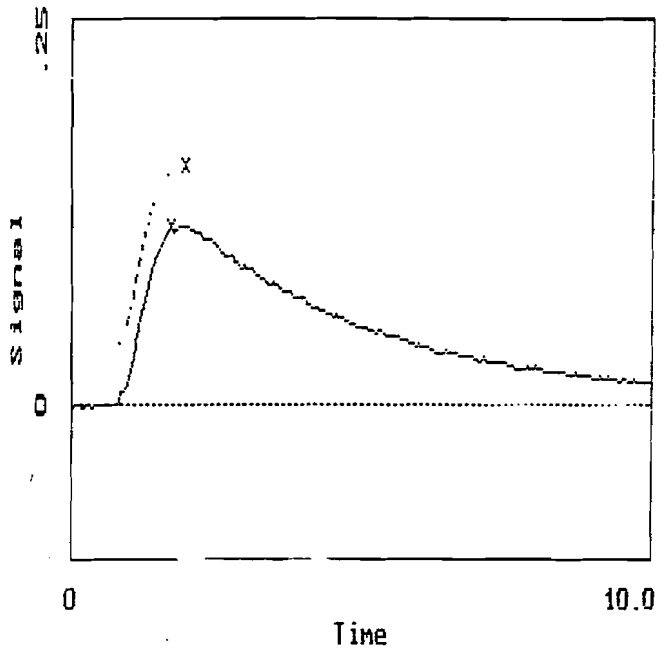
Method: HG Sample Name: 0721001 Operator: AMB
Run Time: 07/12/96 20:39:16
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	3.716

HG Unk Conc F:1 SN:8721002 07/12/96 20:42:22

xHg

#1 2.453



Corrected ———
Uncorrected - - - - -

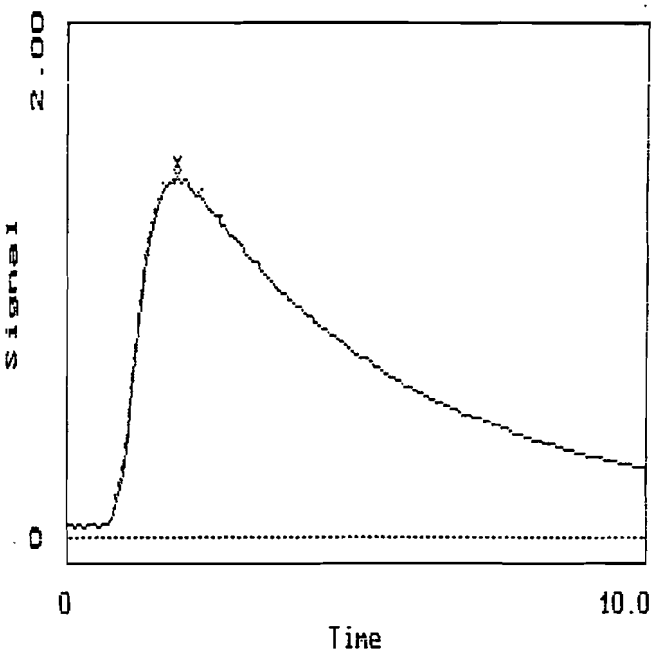
Method: HG Sample Name: 0721002 Operator: AMB
Run Time: 07/12/96 20:42:22
Comment:
Mode: Conc Corr. Factor: 1

lem	Hg
Units	PPB
Avge	2.463

HG Unk Conc F:1 SN:0721003 07/12/96 20:45:28

xHg

#1 30.29



Corrected ———
Uncorrected - - - - -

000666

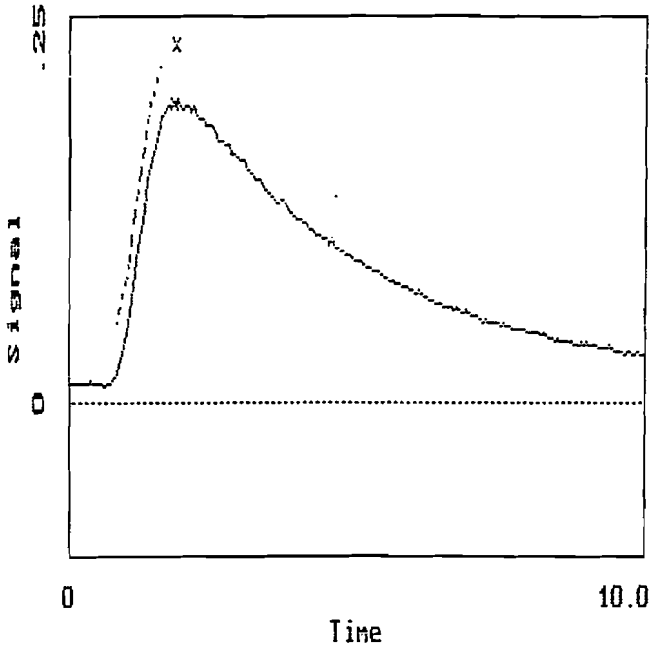
Method: HG Sample Name: 0721003 Operator: AMB
Run Time: 07/12/96 20:45:28
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	PPB
Avge	C30.29

HG Unk Conc F:1 SN:CCV-1-4 07/12/96 20:48:43

xHg

#1 4.195



Corrected ———
Uncorrected - - - - -

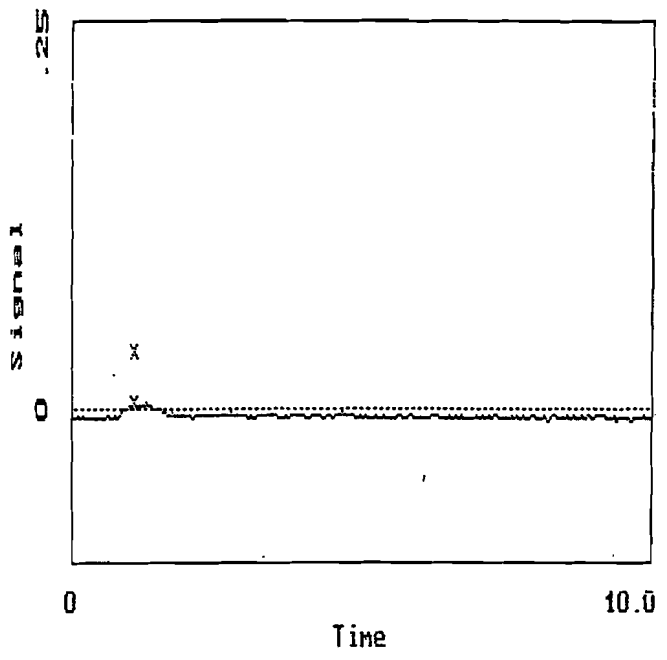
Method: HG Sample Name: CCV-1-4 Operator: AMB
Run Time: 07/12/96 20:48:43
Comment:
Mode: Conc Corr. Factor: 1

lem	Hg
Units	PPB
Avge	4.195

HG Unk Conc F:1 SN:CCB-1-4 07/12/96 20:54:07

xHg

#1 .8628



Corrected ———
Uncorrected - - - - -

Method: HG Sample Name: CCB-1-4 Operator: AMB
Run Time: 07/12/96 20:54:07
Comment:
Mode: Conc Corr. Factor: 1

Item	Hg
Units	PPB
Avge	.0628

ASP

SAMPLE PREPARATION LOG BATCH NO. 1922 002

LRI No.	ICP				Furnace				PH S.U	Comments
	Initial Vol/Wt	Final Vol/Wt	Factor	Acid Added	Initial Vol/Wt	Final Vol/Wt	Factor	Acid Added		
PBS	1.0	200ml	200D	5ml HNO_3 5ml HNO_3						
CSS	1.0	↓	↓	3ml H_2O_2 5ml HCL						2ml each of SS Trace # 1, 2, 3, 4, 5
CSSD	1.0									
606231-1	1.0g									
2	1.0g	↓	↓	↓						
3	100ml	100ml	1D	1ml HNO_3 5ml HCL					<2	
4	1.0g	200ml	200D	5ml HNO_3						
5	↓	↓	↓	5ml HNO_3 3ml H_2O_2 5ml HCL						
5D				↓						
5MS	↓	↓	↓							2ml each of SS Trace # 1, 2, 3, 4, 5
6	100ml	100ml	1D	1ml HNO_3 5ml HCL					<2	
7	1.0g	200ml	200D	5ml HNO_3						
8	↓	↓	↓	5ml HNO_3 3ml H_2O_2						
9				5ml HCL						
10				↓						
11										
12										
13										
14										
15										
16										
17	↓	↓	↓	↓						
18	100ml	100ml	1D	1ml HNO_3 5ml HCL					<2	
PBW	↓	↓	↓	↓					↓	1ml each of SS Trace # 1, 2, 3, 4, 5
LCSW										
LCSWD										

Analyst/Date 6-21-96 BS

Sample Spiked 606231-5

Sample Duped 606231-5

Spiked Added 2ml each of SS Trace # 1, 2, 3, 4, 5
1ml each of SS Trace # 1, 2, 3, 4, 5

000672

Laboratory Resources Inc

SAMPLE PREPARATION LOG BATCH NO. 1934, 1919, 1922, 1929

LRI Sample No.	Mercury				PH S.U	Comments
	Initial Vol/Wt	Final Vol/Wt	Factor	Reagent Added		
PBW	100 ml	100 ml	1D		–	
LCSW	100 ml	100 ml	1D		–	1 ml of Hg working
T606239-8	100 ml	100 ml	1D		<2	Std 100 ng/L (
T606239-11	100 ml	100 ml	1D		<2	(SPEX
-11D	100 ml	100 ml	1D		–	
-11MS	100 ml	100 ml	1D		–	1 ml of Hg working
T606278-2	100 ml	100 ml	1D		<2	Std 100 ng/L
T606209-19	100 ml	100 ml	1D		<2	Batch 1919
T606231-3	100 ml	100 ml	1D		<2	
-6	100 ml	100 ml	1D		<2	Batch
-18	100 ml	100 ml	1D		<2	1922
T606265-1 (1D)	100 ml	100 ml	1D		<2	Batch
310-2	100 ml	100 ml	1D		<2	1929
-3	100 ml	100 ml	1D		<2	
-4	100 ml	100 ml	1D		<2	
-5	100 ml	100 ml	1D		<2	
-6	100 ml	100 ml	1D		<2	
-7	100 ml	100 ml	1D		<2	
-8	100 ml	100 ml	1D		<2	
-9	100 ml	100 ml	1D		<2	
-10	100 ml	100 ml	1D		<2	

Analyst/Date 6/27/96

000673

Sample Spiked T606239-11

Sample Duped T606239-11

Spiked Added 1 ml of Hg working Std 100 ng/L (SPEX-62-11)

Laboratory Resources Inc

A United Water Resources Company (NYSE)

CLP

SAMPLE PREPARATION LOG BATCH NO. 1977, 1978, 1933, 1922, 1946

LRI Sample No.	Mercury				PH S.U	Comments
	Initial Vol/Wt	Final Vol/Wt	Factor	Reagent Added		
PBS	0.20 g	100 ml	500	5ml HCl + Conc 2.5ml HNO3		
Less						1 ml of 1ppb Hg (spex)
T606515-1						
" -1D						
" -1S						1 ml of 1ppb Hg (spex)
" -4						
" -5						
" -9						
" -17						
" -20						
PBS						
Less						1 ml of 1ppb Hg (spex)
T606515-21						
" -21D						
" -21S						1 ml of 1ppb Hg (spex)
" -22						
" -30						
" -32						
" -33						
T606278-3						
-4						
-5						
-6						
-7						
-8						
-9						
T606231-5						
-5D						
-5S						1 ml of 1ppb Hg (spex)
T606350-6						
-7						000674

Analyst/Date 07/09/96 AH

Sample Spiked T606515-1, T606515-21, T606231-5

Sample Duped -1 -21 -5

Spiked Added ← 1 ml of 1ppb Hg (spex) →

Continued on page 119

continues from Page 118

SAMPLE PREPARATION LOG BATCH NO. 1977, 1978, 1933, 1922, 1946

LRI Sample No.	Mercury				PH S.U	Comments
	Initial Vol/Wt	Final Vol/Wt	Factor	Reagent Added		
T606408-4	0.2gm	100 ml	500 D	5ml aqua regia		
-5	↓	↓	↓	2-5ml HNO3		

Analyst/Date 07/09/96

Sample Spiked

Sample Duped

Spiked Added

Laboratory Resources Inc

SAMPLE PREPARATION LOG BATCH NO. 1975, 1922

LRI Sample No.	Mercury				PH S.U	Comments
	Initial Vol/Wt	Final Vol/Wt	Factor	Reagent Added		
PBS	0.2g	100ml	500D			
LCSS	0.2g	100ml	500D			4ml of Hg working
LCSSD	0.2g	100ml	500D			std 108ug/L (SPEX)
T607059-1	0.2g	100ml	500D			
-2	0.2g	100ml	500D			
-3	0.2g	100ml	500D			
-4	0.2g	100ml	500D			
-5	0.2g	100ml	500D			
-6	0.2g	100ml	500D			
-7	0.2g	100ml	500D			
-8	0.2g	100ml	500D			
-9	0.2g	100ml	500D			
-9D	0.2g	100ml	500D			
-9MS	0.2g	100ml	500D			4ml of Hg working
-9MSD	0.2g	100ml	500D			std 108ug/L (SPEX)
-10	0.2g	100ml	500D			
-11	0.2g	100ml	500D			
-12	0.2g	100ml	500D			
T606231-15	0.2g	100ml	500D			Batch 1922
-16	0.2g	100ml	500D			" "
-17	0.2g					
-17D						

Tyst/Date 7/8/96 MK

Sample Spiked T607059-9

Sample Duped T607059-9

Spiked Added 4ml of Hg working std 100 ug/L (SPEX-62-11)

000676

Laboratory Resources INC

CLP

12r

SAMPLE PREPARATION LOG BATCH NO. 1922,

LRI Sample No.	Mercury				PH S.U	Comments
	Initial Vol/Wt	Final Vol/Wt	Factor	Reagent Added		
PBS	0.2g	100ml	500D	5ml H2SO4 conc 2.5ml HNO3		
LCS						1ml of 100ppb Hg (SPCX)
T607237 16						
17						
PBS				5ml Aqua Regia		
LCS						4ml of 100 ppb Hg (SPCX)
LCSD						
T607210 01						
" 02						
" 03						
" 03D						
" 04						
" 05S						4ml of recon Hg conc
" 06SD						
" 07						
" 08						
" 09						
" 10						

Analyst/Date 07/12/96 AB

Sample Spiked T607210-05

Sample Duped ~~03~~ 03

Spiked Added 4ml of 100ppb Hg (SPCX)

000677

Laboratory Resources Inc

A United Water Resources Company (NYSE)

SAMPLE PREPARATION SHEET METALS DEPT.

DESCRIPTION

-CLP-

ASP 1922

SAMPLE NO.	COLOR BEFORE	COLOR AFTER	CLARITY BEFORE	CLARITY AFTER	TEXTURE	ARTIFACTS	COMMENTS
606231-1	Brown	light yellow	NA	clear	Medium		
2	↓	↓	↓	↓	↓		
4	↓	↓	↓	↓	↓		
5	↓	↓	↓	↓	↓		
~~8~~	↓	↓	↓	↓	↓		
7	Brown	↓	↓	↓	↓		
8	↓	↓	↓	↓	↓		
9	↓	↓	↓	↓	↓		
10	↓	colorless	↓	↓	↓		
11	↓	light yellow	↓	↓	↓		
12	↓	↓	↓	↓	↓		
13	↓	↓	↓	↓	↓		
14	↓	↓	↓	↓	↓		
15	↓	↓	↓	↓	↓		
16	↓	↓	↓	↓	↓		
17	↓	yellow	↓	↓	↓		
606231-3	colorless	colorless	clear	clear			
6	↓	↓	↓	↓			
18	↓	↓	↓	↓			

CLP DESCRIPTIVE TERMS

1.COLOR: Red,BLUE,YELLOW,Green,Orange,Violet,White,Colorless,Brown,Gray,Black;

2.CLARITY: Clear,Cloudy,Opaque;

3.TEXTURE: Fine(powdery),Medium(sand),Coarse(large crystals or rocks);

If artifacts are present, enter YES in the artifacts field.Describe the artifac

Record any significant changes that occur during sample preparation in the comments field.

000678

000077

TITLE

PROJECT NO.

BOOK NO.

LRI LOT NO.	STD	Manufacturer	Lot. No	Con mg/L	Date Received	Date Opened	Expiration Date	Notes
A-57-01	Cu	Spex	4-CuCu	1,000	2/[illegible]/95	3/16/95	2/[illegible]/96	
A-57-02	Hg	Spex	4-5616	1,000	2/[illegible]/95	3/6/95	2/[illegible]/96	
A-57-03	Mn	Spex	4-63MN	1,000	2/[illegible]/95	3/[illegible]/95	2/[illegible]/96	
A-57-04	Sb	Spex	4-735B	1,000	2/[illegible]/95	3/[illegible]/95	2/[illegible]/96	
A-57-05	Si	Spex	4-6851	1,000	2/[illegible]/95	3/06/95	2/[illegible]/96	
A-57-06	Ag	Spex	4-57AG	1,000	3/16/95	3/16/95	3/15/96	
I-57-07	Mg Ca	Spex	4-94CA	1,000	3/16/95	3/16/95	3/16/96	
I-57-08	AL	I.V.	J-AL03001	10,005	4/05/95	4/5/95	5-1-96	
I-57-09	Ca	I.V.	J-CA0312	10,005	4/05/95	4/24/95	5-1-96	
I-57-10	Li	I.V.	K-LI0109R	10,022	4/05/95	4/5/95	5-1-96	
I-57-11	Li	I.V.	K-LI0109R	10,022	4/05/95	4/5/95	5-1-96	
I-57-12	Mg	I.V.	K-MG0281	10,039	4/05/95	4/19/95	5-1-96	
I-57-13	Y	I.V.	J-Y01042	1,005	4/05/95	4/5/95	5-1-96	
I-57-14	Ca	Spex	I-94CA	10,000	5/04/95	6/24/95	5-15-96	
I-57-15	Pb	Spex	I-98PB	1,000	5/04/95	6/29/95	5-15-96	
I-57-16	Mg	Spex	I3-174MG	10,000	5/04/95	5/[illegible]/95	5-15-96	
I-57-17	Ni	Spex	4-100NI	1,000	5/04/95	6/29/95	5-15-96	

000679

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TITLE

PROJECT NO.

BOOK NO.

LRL LOT No.	STD	Manufacturer	Lot. No.	Conc. mg/L	Date Recieved	Date Opened	Expiration Date	Notes
A-SU-01	Si	Spex	H-12SSI	10,000	5/04/95	5/10/95	5/15/96	
A-SU-02	TL	Spex	4-113TL	1,000	5/04/95	5/16/95	5/15/96	
A-SU-03	Sn	Spex	4-50SN	1,000	5/04/95	5/11/95	5/15/96	
A-SU-04	Zn	SpeX	4-1162N	1,000	5/04/95	6/29/95	5/15/96	
A-SU-05	Fe	I.V.	K-FE02W9	10,095	6/29/95	6/29/95	6/29/96	
A-SU-06	Li	I.V.	K-LI01W4K	10,022	6/29/95		6/29/96	
A-SU-07	Mg	I.V.	K-MG02W2	10,076	6/29/95	6/29/95	6/29/96	
A-SU-08	Ba	Spex	4-204BA	1,000	6/29/95	6/29/95	6/30/96	
A-SU-09	Be	Spex	4-203BE	1,000	6/29/95	6/29/95	6/30/96	
A-SU-10	AL	Spex	4-152AL	1,000	6/29/95	6/29/95	6/30/96	
A-SU-11	Cr	Spex	4-122CR	1,000	6/29/95	6/29/95	6/30/96	
A-SU-12	Fe	Spex	4-134FE	1,000	6/29/95	6/29/95	6/30/96	
A-SU-13	V	Spex	4-112V	1,000	6/29/95	6/29/95	6/30/96	
A-SU-14	As	Spex	4-121AS	1,000	7/19/95	9/05/95	7/15/95	
A-SU-15	Mg	Spex	4-161MO	1,000	7/19/95	9/05/95	7/15/95	
A-SU-16	Ti	Spex	4-153TI	1,000	7/19/95	7/20/95	7/15/95	
A-SU-17	AL	I.V.	K-AL05W3	1,000	9/07/95	9/07/95	9/07/96	

000680

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO

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LRI Of No.	STD	Manufacturer	Lot No.	Conc MG/L	Date Received	Expiration Date Opened	Expiration Date	Notes
~~A-59-01~~	Ca	~~I.V.~~	~~J-CA0211~~	10,000	~~8/16/95~~	~~9/07/95~~	~~8/07/96~~	
~~A-59-02~~	K	SPEX	K4-61K	10,000	8/29/95	9/05/95	8/31/96	
~~A-59-03~~	Mg	SPEX	4-137MG	1,000	8/29/95	9/02/95	8/31/96	
~~A-59-04~~	Ca	I.V.	J-CA01075	1,002	8/30/95	9/[illegible]/95	8/30/96	
~~A-59-05~~	Co	I.V.	K-CO01079	1,003	8/30/95	9/[illegible]/95	8/30/96	
~~A-59-06~~	Fe	I.V.	J-FE0204	1,005	8/30/95	9/02/95	8/30/96	
~~A-59-07~~	Mn	I.V.	J-MN01109	1,004	8/30/95	9/02/95	8/30/96	
~~A-59-08~~	Mo	I.V.	J-MO01095	1,009	8/30/95	9/[illegible]/95	8/30/96	
~~A-59-09~~	Na	I.V.	J-NA02002	1,009	8/30/95	9/02/95	8/30/96	
~~A-59-10~~	Ni	I.V.	K-NA02011	9974	8/30/95	9/[illegible]/95	8/30/96	
~~A-59-11~~	Pb	I.V.	K-PB02054	996	8/30/95	9/[illegible]/95	8/30/96	
~~A-59-12~~	Sb	I.V.	K-SB02026	1004	8/30/95	9/[illegible]/95	8/30/96	
~~A-59-13~~	Si	I.V.	J-SI01107	1005	8/30/95	9/[illegible]/95	8/30/96	
~~A-59-14~~	Sn	I.V.	J-SN01061	1003	8/30/95	9/[illegible]/95	8/30/96	
~~A-59-15~~	Ti	I.V.	J-TI01106	1007	8/30/95	9/02/95	8/30/96	
~~A-59-16~~	TL	I.V.	J-TL01[illegible]	1004	8/30/95	9/02/95	8/30/96	
~~A-59-17~~	V	I.V.	J-V01117	1002	8/30/95	9/02/95	8/30/96	

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60 TITLE

PROJECT NO.

BOOK NO.

LRI LOT No.	STD	Manufacturer	Lot. No.	Con. Mg/L	Date Recieved	Date Opened	Expiration Date	Notes
A-60-01	Zn	I.U.	J-ZN01094	999	9/30/95	9/07/95	9/30/96	
A-60-02	Li	I.U.	K-LI01407	9957	9/07/95	9/07/95	9/07/96	
A-60-03	Li	I.U.	K-LI01407	9957	9/07/95		9/07/96	
A-60-04	Li	I.U.	K-LI01407	9957	9/07/95		9/07/96	
A-60-05	Al	Spex	H4-93AL	10,000	9/27/95		9/30/96	
A-60-06	Ni	Spex	L-151NA	1,000	9/27/95		9/30/96	
A-60-07	Ni	Spex	I3-166NI	10,000	9/27/95		9/30/96	
A-60-08	Ag	I.U.	K-AG01101	1007	9/20/95	9/30/95	9/20/96	
A-60-09	As	I.U.	J-ASC102	999	9/28/95	9/30/95	9/20/96	
A-60-10	B	I.U.	K-B01105	1007	9/20/95	9/30/95	9/20/96	
A-60-11	Ba	I.U.	K-BA01102	998	9/20/95	9/30/95	9/20/96	
A-60-12	Be	I.U.	K-BE01103	1002	9/20/95	9/30/95	9/20/96	
A-60-13	Ca	I.U.	K-CA0204	10,030	9/20/95		9/20/96	
A-60-14	Cr	I.U.	K-CR02041	1005	9/20/95	9/30/95	9/20/96	
A-60-15	Cu	I.U.	K-CU02015	1001	9/20/95	2/20/96	9/20/96	
A-60-16	Fe	I.U.	K-FE02051	9941	9/20/95		9/20/96	
A-60-17	K	I.U.	J-K02033	10,005	9/20/95	9/30/95	9/20/96	

SCIENTIFIC STANDARD PRODUCTIONS CHICAGO ILLINOIS

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DATE 10/19/95

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TITLE

PROJECT NO.

BOOK NO.

LRI LOT NO.	STD	Manufacturer	Lot No.	Conc. Mg/L	Date Received	Date Opened	Expiration Date	Notes
~~A-61-01~~	~~Mg~~	~~I.V.~~	~~J-MG0212~~	~~1011~~	~~9/20/95~~	~~9/30/95~~	~~9/26/96~~	
~~A-61-02~~	~~Mg~~	~~I.V.~~	~~K-MG0203L~~	~~10,076~~	~~9/25/95~~		~~9/25/96~~	
~~A-61-03~~	~~Se~~	~~I.V.~~	~~J-SE0163~~	~~100~~	~~9/25/95~~	~~9/30/95~~	~~9/26/96~~	
~~A-61-04~~	~~Hydroxylamine Hydrochloride~~	~~J.T. Baker~~	~~H44764 C-5470-95-1~~	~~—~~	~~10/5/95~~			520 gms X 4
~~A-61-05~~	~~Stannous chloride dihydrate~~	~~J.T. Baker~~	~~J16708~~	~~$SnCl_2 \cdot 2H_2O$~~	~~10/13/95~~			520 gms X 4
~~A-61-06~~	~~Potassium persulfate~~	~~J.T. Baker~~	~~J03776~~	~~$K_2S_2O_8$~~	~~10/16/95~~			500gm X 4
~~A-61-07~~	~~B~~	~~Spex~~	~~4-237B~~	~~1000~~	~~10/30/95~~		~~10/31/96~~	
~~A-61-08~~	~~Se~~	~~Spex~~	~~4-140SE~~	~~1000~~	~~10/30/95~~		~~10/31/96~~	
~~A-61-09~~	~~Sn~~	~~Spex~~	~~EY-3SN~~	~~10,000~~	~~10/30/95~~	~~10/30/95~~	~~10/31/96~~	
~~A-61-10~~	~~Fe~~	~~Spex~~	~~FY-92FE~~	~~10,000~~	~~10/30/95~~ 11/01/95	~~11/01/95~~	~~11/15/96~~	
~~A-61-11~~	~~Al~~	~~I.V.~~	~~K-AL0303~~	~~10,051~~	~~10/31/95~~		~~10/31/96~~	
~~A-61-12~~	~~Cu~~	~~I.V.~~	~~K-CU0205~~	~~1004~~	~~10/31/95~~		~~10/31/96~~	
~~A-61-13~~	~~Mg~~	~~I.V.~~	~~K-MG0202L~~	~~10,011~~	~~12/1/95~~		~~12/1/96~~	
~~A-61-14~~	~~Na~~	~~I.V.~~	~~K-NA0204~~	~~9974~~	~~12/1/95~~		~~12/1/96~~	
~~A-61-15~~	~~Cu~~	~~I.V.~~	~~K-CU0205S~~	~~10,009~~	~~12/1/95~~		~~12/1/96~~	
~~A-61-16~~	~~Li~~	~~I.V.~~	~~K-LI0107~~	~~9952~~	~~12/1/95~~		~~12/1/96~~	

SIGNATURE DATE

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TITLE

PROJECT NO.

BOOK NO.

LRL LOT NO.	STD	Manufacturer	Lot. No.	Conc. mg/L	Date Received	Date Opened	Expiration Date	NOTES
A-62-01	Sb	Spex	4-2425B	1,000	12/19/95	2/13/96	12/15/96	
A-62-02	Tl	Spex	4-1131L	1,000	12/19/95	5/17/96	12/15/96	
A-62-03	Al	Inorganic Ventures	K-AL0934	1004	1/05/96		1/05/97	
A-62-04	Hg	Inorganic Ventures	K-HG0105	1005	1/05/96		1/05/97	
A-62-05	Ni	Inorganic ventures	K-NI0111	1004	1/05/96	2/10/96	1/05/97	
A-62-06	Ag	Spex	4-1574G	1000	1/19/96		1/15/97	
A-62-07	Ca	Spex	4-2402A	1000	1/19/96		1/15/97	
A-62-08	Cd	Spex	4-1630	1000	1/19/96	2/27/96	1/15/97	
A-62-09	Co	Spex	4-2200	1000	1/19/96	2/27/96	1/15/97	
A-62-10	Cu	Spex	4-2342C	1000	1/19/96	2/27/96	1/15/97	
A-62-11	Hg	Spex	4-1966G	1000	1/19/96		1/15/97	
A-62-12	Mg	Spex	I3-1744G	10,000	1/19/96	2/27/96	1/15/97	
A-62-13	Mn	Spex	4-2330N	1,000	1/19/96	2/27/96	1/15/97	
A-62-14	Si	Spex	4-1455I	1,000	1/19/96	2/27/96	1/15/97	
A-62-15	Fe	Inorganic Ventures	K-FE0208	10,000	2/01/96	6/19/96	2/01/97	
A-62-16	Li	Inorganic Venture	K-LI0107	10,000	2/01/96	2/05/96	2/01/97	
A-62-17	Li	Inorganic Ventures	K-LI0107	10,000	2/01/96		2/01/97	

SCIENTIFIC UNDERWRITERS INCORPORATED CHICAGO ILLINOIS

SIGNATURE

DATE

000684

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DATE

WITNESS

DATE

TITLE

PROJECT NO.

BOOK NO.

LRI No.	STD	Manufacturer	Lot No.	Conc Mg/L	Date Recieved	Date Opened	Expiration Date	Notes
~~A-63-01~~	K	Inorganic Ventures	K-QK01011	10,000	2/01/96		2/01/97	
~~A-63-02~~	Mg	Inorganic Ventures	K-MG02021	10,011	2/01/96		2/01/97	
~~A-63-03~~	Ti	Inorganic Ventures	K-TI01117	1000	2/01/96		2/01/97	
~~A-63-04~~	AL	Inorganic Ventures	K-AL03037	995	3/05/96	3/06/96	3/05/97	
~~A-63-05~~	Ba	Inorganic Ventures	K-QBA0102	1002	3/05/96		3/05/97	
~~A-63-06~~	Ca	Inorganic Ventures	K-CA01106	10,069	3/05/96	3/05/96	3/05/97	
~~A-63-07~~	Int-Bi	Spex	C-93AS	100 ppm Ag, Cd, Ni, Pb, In 50 ppm Ba, Fe, Co, Cu, Mn, V	3/12/96	3/22/96	3/15/97	
~~A-63-08~~	Spike	Spex	C-113AS	200 Na, K, Li, Se, IL 100 Fe 50 Sb, Be, Pb, Mn, Mo, U, 25 Ca	3/13/96		3/13/97	
~~A-63-09~~	Li	Inorganic Ventures	K-LI01117	995.7				
~~A-63-10~~	STD2 Beta, 100 ppm Cu, Fe, As, Ag, Ba,	Spex	10-09MM	100PPM	4/03/96	4/17/96	4/01/97	Contains of Fe, Ni, As, Ag, Ba, Be, Ca, Cu, Mn, Mo, Ni, Sb, Tl, V, Zn, Pb, Se
~~A-63-11~~	Interference A	Spex	10-34AS	5,000 mAl, Ca, Mg, 7,000 ppm Fe	4/05/96	4/05/96	4/01/97	
~~A-63-12~~	B	Inorganic Ventures	K-B01120	1000	4/22/96		4/22/97	
~~A-63-13~~	AL	Inorganic Ventures	K-AL03037	1004	4/22/96		4/22/97	
~~A-63-14~~	Ca	Inorganic Ventures	K-CA02106	10069	4/22/96	5/10/96	4/22/97	
~~A-63-15~~	Mg	Inorganic Ventures	K-MA01106	9900	4/22/96		4/22/97	
~~A-63-16~~	Ti	Inorganic Ventures	K-TI01117	1000	4/22/96		4/22/97	

SIGNATURE DATE

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TITLE

PROJECT NO.

BOOK NO.

LRT LOT No.	STD	Manufacturer	Lot No.	Conc. Mg/L	Date Received	Date Opened	Expiration Date	Notes
A-64-01	Mg	Inorganic Ventures	K-M0[illegible]3	10,05L	4/17/96	5/10/96	4/22/97	
A-64-02	Y	Inorganic Ventures	L-Y01061	1004	4/12/96	5/01/96	4/22/97	
A-64-03	Li	Inorganic Ventures	L-LI0202	10,07U	4/29/96	4/29/96	5/01/97	
A-64-04	Ba	Spex	4-196BA	1,000	5/09/96		5/15/97	
A-64-05	Ca	Spex	K4-35CA	10,000	5/09/96	5/17/96	5/15/97	
A-64-06	Ni	Spex	4-269NI	1,000	5/09/96	5/17/96	5/15/97	
A-64-07	Pb	Spex	4-103PB	1,000	5/09/96	5/17/96	5/15/97	
A-64-08	Ti	Spex	5-24TI	1,000	5/09/96		5/15/97	
A-64-09	Zn	Spex	4-247ZN	1,000	5/09/96	5/17/96	5/15/97	
A-64-10	As	Spex	4-263AS	1,000	5/16/96		5/15/97	
A-64-11	Fe	Spex	I4-92FE	10,000	5/16/96		5/15/97	
A-64-12	K	Spex	K4-61K	10,000	5/16/96		5/15/97	
A-64-13	Inter Bank A	Spex	10-34AS	5000ppm Al(Mg) Mg 2000ppm Fe	5/16/96	5/20/96	5/15/97	
A-64-14	Sn	Spex	5-45SN	1,000	5/23/96	5/23/96	5/31/97	
A-64-15	Li	Inorganic Ventures	L-LI0202	10,07U	6/07/96	6/07/96	7/01/97	
A-64-16	Al	Inorganic Ventures	K-AL03012	10025	6/07/96		7/01/97	
A-64-17	As	Inorganic Ventures	K-AS01109	1003	6/07/96		7/01/97	

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

SIGNATURE

DATE

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WITNESS

DATE

000686

RI TNo.	STD	Manufacturer	Lot No.	Conc, Mg/L	Date Received	Date Opened	Expiration Date	Notes
A-65-01	Cu	Inorganic Ventures	K-CU0207	10,064	6/07/96		7/01/97	
A-65-02	Fe	Inorganic Ventures	K-FE0203	994	6/07/96		7/01/97	
A-65-03	K	Inorganic Ventures	K-KO205	9950	6/07/96	6/13/96	7/01/97	
A-65-04	Mg	Inorganic Ventures	L-MG0208	10,008	6/07/96	6/19/96	7/01/97	
A-65-05	Mo	Inorganic Ventures	K-MO1102	1005	6/07/96		7/01/97	
A-65-06	Na	Inorganic Ventures	L-NA0207	9985	6/07/96		7/01/97	
A-65-07	Sn	Inorganic Ventures	K-SN0107	998	6/07/96		7/01/97	

SCIENTIFIC ENDEAVOR PRODUCT ON CHARGE 84003

URE DATE

DISCLOSED TO AND UNDERSTOOD BY | DATE | WITNESS | DATE

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: ICV/CCV062796
Std. Name: ICV/CCV
Date Prep.: 6/27/96 Time:
Analyst: Mike Powell
Final Vol.: 500.0 mL
Preservatives: 5.0 mL conc.HNO3
25.0 mL conc.HCl

True Values, ppm:

	Element	TV
1	Ag	0.500
2	As	0.500
3	Ba	0.500
4	Be	0.500
5	Cd	0.500
6	Co	0.500
7	Cr	0.500
8	Cu	0.500
9	Mn	0.500
10	Mo	0.500
11	Ni	0.500
12	Sb	0.500
13	Sn	0.500
14	Tl	0.500
15	V	0.500
16	Zn	0.500
17	Pb	0.500
18	Se	0.500
19	Al	100
20	Ca	100
21	Mg	100
22	Na	100
23	Fe	100
24	K	100
25	Si	10.0
26	Ti	10.0
27	B	5.00

	Stock Std. Name	mL	Stock Conc. ppm	ERI Lot No.
1	Ag	~~0.100~~ 0.25	1000	A- 60-09
2	As	~~0.100~~	1000	A- 60-09
3	Ba	~~0.100~~	1000	A- 63-05
4	Be	~~0.100~~	1000	A- 60-12
5	Cd	~~0.100~~	1000	A- 59-04
6	Co	~~0.100~~	1000	A- 59-05
7	Cr	~~0.100~~	1000	A- 60-14
8	Cu	~~0.100~~	1000	A- 60-15
9	Mn	~~0.100~~	1000	A- 59-07
10	Mo	~~0.100~~	1000	A- 59-09
11	Ni	~~0.100~~	1000	A- 62-05
12	Sb	~~0.100~~	1000	A- 59-12
13	Sn	~~0.100~~	1000	A- 59-14
14	Tl	~~0.100~~	1000	A- 59-16
15	V	~~0.100~~	1000	A- 59-17
16	Zn	~~0.100~~	1000	A- 60-01
17	Pb	~~0.100~~	1000	A- 59-11
18	Se	~~0.100~~ ✓	1000	A- 61-03
19	Al	~~2.00~~ 5.00	~~10000~~ ✓	A- 63-04
20	Ca	2.00	10000	A- 63-14
21	Mg	2.00	10000	A- 65-04
22	Na	2.00	10000	A- 63-15
23	K	2.00	10000	A- 65-03
24	Fe	2.00 ✓	10000	A- 62-15
~~26~~	~~Si~~	~~2.00~~	~~1000~~	A-
26	Ti	2.00 ✓	1000	A- 63-03
27	B	~~1.00~~ 2.50	1000	A- 60-10

Notes: SOURCE: INORGANICS VENTURES

000688

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: ICB/CCB(STD1BLK)060796
Std. Name: STD1-BLANK
Date Prep.: 6/27/96 Time:
Analyst: Mike Pilato
Final Vol.: 500.0
Preservatives: 5.0_____ mL conc.HNO3
25.0_____ mL conc.HCl

True Values, ppm:

	Element	TV
1	ALL	0
2		
3		
4		
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
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Notes:

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: STD2-061996
Std. Name: STD2
Date Prep.: 6/19/96 Time
Analyst: M. Kepler
Final Vol.: 200.0 ML
Preservatives: 20 mL conc.HNO3
100 mL conc.HCl

True Values, ppm:

	Element	TV
1	All	1.00
2		
3		
4		
5		
6		
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8		
9		
10		
11		
12		
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	Stock Std. Name	mL	Stock Conc. ppm	CRI Lot No.
1	Ag	0.100 20	1000	A- A-63-10
2	As	0.100	1000	A-
3	Ba	0.100	1000	A-
4	Be	0.100	1000	A-
5	Cd	0.100	1000	A-
6	Co	0.100	1000	A-
7	Cr	0.100	1000	A-
8	Cu	0.100	1000	A-
9	Mn	0.100	1000	A-
10	Mo	0.100	1000	A-
11	Ni	0.100	1000	A-
12	Sb	0.100	1000	A-
13	Sn	0.100	1000	A- 64-14
14	Tl	0.100 2.4	1000	A- A-63-10
15	V	0.100	1000	A-
16	Zn	0.100	1000	A-
17	Pb	0.100	1000	A-
18	Se	0.100	1000	A-
19				
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Notes: SOURCE: SPEX

Used from SPEX Custommade std which consist of all the std 2 Elements Except Sn

000690

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: STD3061996
Std. Name: STD3
Date Prep.: 6/19/96 Time:
Analyst: M. Kelly
Final Vol.: 200.0 mL
Preservatives: 2.0 mL conc.HNO3
1.0 mL conc.HCl

True Values, ppm:

	Element	TV
1	All	200
2		except for Al at 20
3		
4		
5		
6		
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	Al	~~2.00~~ 4.00	10000	A- 50-10
2	Ca	~~2.00~~	10000	A- 64-65
3	Mg	~~2.00~~	10000	A- 62-12
4	Na	~~2.00~~	10000	A- 60-07
5	Fe	~~2.00~~	10000	A- 61-10
6	K	~~2.00~~	10000	A- 64-12
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Notes: SOURCE: SPEX

000691

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: STD061996
Std. Name: STD4
Date Prep.: 6/19/96 Time:
Analyst: Michael Polidori
Final Vol.: ~~250~~ 500.0 mL JRS
Preservatives: 2.0 mL conc.HNO3
10.0 mL conc.HCl

True Values, ppm:

	Element	TV
1	All	20.0
2		
3		
4		
5		
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	Ba	~~2.00~~ 4.00	1000	A- 50-05
2	Si	2.00 4.00	1000	A- 62-14
3	Ti	~~2.00~~ 4.00	1000	A- 50-16
4				
5				
6				
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Notes: SOURCE: SPEX

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: STD5 06 1996
Std. Name: STD5
Date Prep.: 6/19/96 Time:
Analyst: M. Kerfoot
Final Vol.: 200.0 mL
Preservatives: 2.0 mL conc.HNO3
10.0 mL conc.HCl
True Values, ppm:

	Element	TV
1	B	10.0
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3		
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6		
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	B	2.00	1000	A- 6107
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Notes: SOURCE: SPEX

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: CRI-A-CLP4 5%
Std. Name: CRI-A-CLP
Date Prep.: 04/05/96 Time:
Analyst: Mitchell
Final Vol.: 100.0 mL
Preservatives: 1.0 mL conc.HNO3
5.0 mL conc.HCl

True Values, ppm:

	Element	TV
1	Sb	120
2	Co	100
3	V	100
4	Ni	80.0
5	Cu	50.0
6	Zn	40.0
7	Mn	30.0
8	As	20.0
9	Cr	20.0
10	Ag	20.0
11	Tl	20.0
12	Be	10.0
13	Cd	10.0
14	Se	10.0
15	Pb	6.00
16		
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	Stock Std. Name	mL	Stock Conc. ppm	CRI Lot No.
1	Sb	12.0	1000	A- 59-12
2	Co	10.0	1000	A- 59-05
3	V	10.0	1000	A- 59-17
4	Ni	8.00	1000	A- 62-05
5	Cu	5.00	1000	A- 60-15
6	Zn	4.00	1000	A- 60-01
7	Mn	3.00	1000	A- 59-07
8	As	2.00	1000	A- 60-09
9	Cr	2.00	1000	A- 60-14
10	Ag	2.00	1000	A- 60-05
11	Tl	2.00	1000	A- 59-16
12	Be	1.00	1000	A- 60-12
13	Cd	1.00	1000	A- 59-04
14	Se	1.00	1000	A- 61-03
15	Pb	0.600	1000	A- 59-11
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Notes: SOURCE: INORGANICS VENTURES

000694

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: CRI-CLP061796
Std. Name: CRI-CLP
Date Prep.: 6/14/96 Time:
Analyst: M.K. [illegible]
Final Vol.: ~~100.0~~ 500 mL
Preservatives: 5.0 mL conc.HNO3
2.5.0 mL conc.HCl

True Values, ppm:

	Element	TV
1	Sb	0.120
2	Co	0.100
3	V	0.100
4	Ni	0.080
5	Cu	0.050
6	Zn	0.040
7	Mn	0.030
8	As	0.020
9	Cr	0.020
10	Ag	0.020
11	Tl	0.020
12	Be	0.010
13	Cd	0.010
14	Se	0.010
15	Pb	0.006
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	Stock Std. Name	mL	Stock Conc. ppm	CRI Lot No.
1	CRI-A-CLP	0.500	MULTI	CRI-A-CLP-060596
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Notes: SOURCE: INORGANICS VENTURES

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: ICSA061996
Std. Name: ICSA
Date Prep.: 6/19/96 Time:
Analyst: Mike Bel. dos.
Final Vol.: 200.0 mL
Preservatives: 2.0 mL conc.HNO3
10.0 mL conc.HCl

True Values, ppm:

	Element	TV
1	Al	500
2	Ca	500
3	Mg	500
4	Fe	200
5		
6		
7		
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	Al	10.0	10000	A- 64-13
2	Ca	10.0	10000	A-
3	Mg	10.0	10000	A-
4	Fe	4.00	10000	A-
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Notes: SOURCE: inorganics ventures

Used Spex custom made std called interferents A which is made up of 500ppm Al, Ca, Mg and 200ppm Fe

000696

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: ICSAB-LPC5W96
Std. Name: ICSAB-CLP
Date Prep.: 5/20/96 Time:
Analyst: Mike Pulidori
Final Vol.: 500.0 mL
Preservatives: 50 mL conc.HNO3
10 mL conc.HCl

True Values, ppm:

	Element	TV
1	Al	500
2	Ca	500
3	Mg	500
4	Fe	200
5	Ag	0.200
6	As	0.100
7	Tl	0.100
8	Ba	0.500
9	Be	0.500
10	Co	0.500
11	Cr	0.500
12	Cu	0.500
13	Mn	0.500
14	V	0.500
15	Cd	1.00
16	Ni	1.00
17	Zn	1.00
18	Pb	0.050
19	Se	0.050
20	Sb	0.600
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	Al	~~10.0~~	10000	A- 64-13
2	Ca	10.0 (50 mL)	10000	A-
3	Mg	10.0	10000	A-
4	Fe	~~4.00~~	10000	A-
5	ICSAB-A-CLP	5.00	MULTI	ICSAB-A-CLP032296
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Notes: SOURCE: INORGANICS VENTURES

Used spex custom made std called Interferents A which is made up w. Th 5,400 ppm of Al, Ca, Mg, and 2000 ppm Fe

000697

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: SSTRACE1
Std. Name: SSTRACE-1-CLP
Date Prep.: 6/13/96 Time:
Analyst: M. KePoisson
Final Vol.: 200.0 Ml
Preservatives: 2.0 mL conc.HNO3
0 mL conc.HCl
True Values, ppm:

	Element	TV
1	~~Ag~~	~~5.00~~
2	Ba	200
3	Be	5.00
4	Co	50.0
5	Cr	20.0
6	Cu	25.0
7	Mn	50.0
8	Ni	50.0
9	Sb	50.0
10	Zn	50.0
11	V	50.0
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	~~Ag~~	~~1.00~~	~~1000~~	~~A~~
2	Ba	40.0	1000	A- 63-05
3	Be	1.00	1000	A- 60-12
4	Co	10.0	1000	A- 59-05
5	Cr	4.00	1000	A- 60-14
6	Cu	5.00	1000	A- 60-15
7	Mn	10.0	1000	A- 59-07
8	Ni	10.0	1000	A- 62-05
9	Sb	10.0	1000	A- 59-12
10	Zn	10.0	1000	A- 60-01
11	V	10.0	1000	A- 59-17
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Notes: SOURCE: INORGANICS VENTURES

1. LIQUIDS: USE 1.00 mL TO 100.0 mL SAMPLE
2. SOILS: USE 2.00 mL TO 200.0 mL SAMPLE

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: SSTRACE2-CLP
Std. Name: SSTRACE-2-CLP
Date Prep.: 6/13/96 Time:
Analyst: Mike Polidori
Final Vol.: 200.0 Ml
Preservatives: 2.0 mL conc.HNO3
0 mL conc.HCl

True Values, ppm:

	Element	TV
1	Al	200
2	Fe	100
3	Ca	2000
4	Mg	2000
5	Na	2000
6	K	2000
7		
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	Al	4.00	10000	A- C3-03
2	Fe	20.0	1000	A- 59-06
3	Ca	40.0	10000	A - 63-14
4	Mg	40.0	10000	A - 64-01
5	Na	40.0	10000	A - 6315
6	K	40.0	10000	A - 65-03
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Notes: SOURCE: INORGANICS VENTURES

1. LIQUIDS: USE 1.00 mL TO 100.0 mL SAMPLE
2. SOILS: USE 2.00 mL TO 200.0 mL SAMPLE

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: SSTRACE-3-CLP
Std. Name: SSTRACE -3-CLP
Date Prep.: 6/13/96 Time:
Analyst: Mike Polidori
Final Vol.: 200.0 Ml
Preservatives: 2.0 mL conc.HNO3
0 mL conc.HCl

True Values, ppm:

	Element	TV
1	As	4.00
2	Cd	5.00
3	Pb	2.00
4	Se	1.00
5	Tl	5.00
6		
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	As	0.800	1000	A- 60-09
2	Cd	1.00	1000	A- 59-04
3	Pb	0.400	1000	A- 59-11
4	Se	0.200	1000	A- 61-03
5	Tl	1.00	1000	A- 59-16
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Notes: SOURCE: INORGANICS VENTURES

1.LIQUIDS: USE 1.00 mL to 100.0 mL SAMPLE

2. SOILS: USE 2.00 mL TO 200.0 mL SAMPLE

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: _____
Std. Name: SSTRACE#4
Date Prep.: 6/12/96 Time:
Analyst: SUGUNA
Final Vol.: 200 ml
Preservatives: 2.0 ml mL conc.HNO3
_____ mL conc.HCl

True Values, ppm:

	Element	TV
1	B	200
2	MO	200
3	Sn	200
4	Ti	200
5		
6		
7		
8		
9		
10		
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	B	40.0ml	1000	A-63-12
2	MO	40.0ml	1000	A-59-08
3	Sn	40.0ml	1000	A-59-14
4	Ti	40.0ml	1000	A-63-16
5				
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Notes: SOURCE : INORGANIC VENTURES
(1) LIQUIDS : Use 1ml to 100ml sample
(2) SOILS : Use 2ml to 200g sample

000701

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.:
Std. Name: SS Trace #5
Date Prep.: 6/13/96 Time:
Analyst: Mike Miller
Final Vol.: 200 ml
Preservatives: 2.0 mL conc.HNO3
_____ mL conc.HCl

True Values, ppm:

	Element	TV
1	Ag	5.00
2		
3		
4		
5		
6		
7		
8		
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	Ag	1.0	1000	A-60-U
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3				
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26				
27				

Notes: Source: Inorganic Ventures
1. LIQUIDS: Use 1.0 ml to 100 ml of Sample
2. SOILS: Use 2.0 ml to 200 ml of Sample

000702

Laboratory Resources, Inc.
Division: Teterboro
Department: Wet Chemistry

+606231
SDG 62 31

PERCENT MOISTURE

ANALYST MB DATE 6/21/96 CHECKED BY [illegible] DATE 6/24/96

D I F I F II

SAMPLE ID NUMBER	DISH I.D.	DISH WEIGHT (g)	INITIAL WEIGHT (g)	FINAL WEIGHT (g)	% SOLID	% MOISTURE
Blank	67	1.078	1.078	1.078	1.078	
606194-14	68	1.090	9.688	9.453	9.453	2.73
Dup	69	1.097	10.229	9.967	9.967	2.87
-15	70	1.092	9.328	9.019	9.019	
-16	71	1.089	8.487	8.148	8.148	
-17	72	1.119	6.628	6.359	6.359	
-18	73	1.100	8.012	7.731	7.731	
-19	74	1.095	10.099	9.734	9.734	
-20	75	1.098	9.249	8.941	8.941	
-21	76	1.085	8.956	8.643	8.643	
-22	77	1.087	7.675	7.390	7.390	
606231-1	78	1.084	8.012	6.812	6.812	
-2	79	1.096	14.959	12.302	12.302	
-4	80	1.082	10.628	7.627	7.627	
-5	81	1.092	8.360	7.043	7.043	
-7	82	1.104	12.150	8.466	8.466	
-8	83	1.088	8.967	7.710	7.710	
-9	84	1.078	13.763	10.472	10.472	
-10	85	1.082	12.568	10.800	10.800	
-11	86	1.088	12.599	9.311	9.311	
-12	87	1.086	12.092	10.305	10.305	
-13	88	1.104	10.378	8.014	8.014	

RPD: _____ X 100%

CALC: % S = $\frac{100\% \text{ X } (F-D)}{I-D}$

% Moist: 100 - % S

706

NB: RESULTS REPORTED TO THREE (3) SIGNIFICANT FIGURES

aboratory Resources, Inc.
ivision: Teterboro
epartment: Wet Chemistry

PERCENT MOISTURE

ANALYST LAS DATE 6/21/96 CHECKED BY [illegible] DATE 6/24/96

D I F I F II

SAMPLE ID NUMBER	DISH I.D.	DISH WEIGHT (g)	INITIAL WEIGHT (g)	FINAL WEIGHT (g)	% SOLID	% MOISTURE
Blank	89	1.091	1.091	1.091	1.091	
606231-15	90	1.085	12.359	10.233	10.233	18.9
Dup	91	1.084	10.503	8.847	8.847	17.6
-15	92	1.128	10.804	9.356	9.356	
-16	93	1.113	11.379	9.853	9.853	
-17	94	1.102	10.067	8.887	8.887	
606239-1	95	1.090	5.160	4.477	4.477	
-2	96	1.130	15.466	3.704	3.704	
-4	97	1.105	6.359	5.242	5.242	
-5	98	1.087	5.305	5.804	5.804	
-6	99	1.110	5.712	3.655	3.655	
-7	100	1.097	7.887	5.031	5.031	
-10	101	1.088	11.180	9.104	9.104	
-Dup	102	1.091	15.508	12.462	12.462	
606194-4	103	1.112	15.493	14.893	14.893	
-8	104	1.090	10.004	9.720	9.720	
-21	105	1.111	9.785	9.502	9.502	
-22	106	1.095	8.260	8.042	8.042	
-23	107	1.098	9.583	9.419	9.419	
-24	108	1.101	9.897	9.143	9.143	
-25	109	1.099	9.957	9.399	9.399	
606210-1	110	1.124	8.146	7.242	7.242	

RPD: _____ X 100%

CALC: % S = $\frac{100\% \times (F-D)}{I-D}$

% Moist: 100 - % S

707

NB: RESULTS REPORTED TO THREE (3) SIGNIFICANT FIGURES

007

SAMPLE LOG-IN SHEET

Lab Name: LABORATORY RESOURCES INC Page 1 of 1

Received by (Print Name): C-PAGANUMAS Log-in Date: _____

Received by (Signature): _____

Case Number: _____
SDG Number: _____
SAS Number: _____

REMARKS:	NYSDEC SAMPLE #	CORRESPONDING SAMPLE TAG #	CORRESPONDING ASSIGNED LAB #	REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
	C-1WIS		T606231-01	COOL
	C-1WID		-02	
	FIELD BLANK		-03	
	C-1W1S		-04	
	C-1W1D		-05	
	RINSATE-1		-06	
	C-1W2S		-07	
	C-1W2D		-08	
	B-1N1S		-09	
	B-1N1D		-10	
	C-1W3S		-11	
	C-1W3D		-12	
	C-1W4S		-13	
	C-1W4D		-14	
	DUP-1		-16	
	SB-6A:4		-17	
	SB-6B:4		-18	
	TRIPBLANK		-19	

1. Custody Seal(s): Present/Absent* Intact/Broken
2. Custody Seal Numbers: 21883, 21584
3. Chain-of-Custody Records: Present/Absent*
4. Contract Lab Sample Inform. Sheet (CLSIS): Present/Absent*
5. Airbill: Airbill/Sticker Present/Absent*
6. Airbill No.: _____
7. Sample Tags: Present/Absent* Sample Tag Nos.: Listed/Not Listed on Chain-of-Custody
8. Sample Condition: Intact/Broken*/Leaking
9. Does information on custody rec., CLSIS, & sample tags agree: Yes/No*
10. Date received at Lab: 6/14/96
11. Time Received: 16:40

6/14/96

Sample Transfer		
Fraction:	_____	_____
Area #:	_____	_____
By:	_____	_____
On:	_____	_____

* Contact BTSR and attach record of resolution

Reviewed By: _____ Logbook No.: _____

Date: _____ Logbook Page No.: _____

FORM DC-1

000710

SAMPLE RECEIPT LOG

BOOK Nº _____

PAGE Nº _____

LRI Job Nº T606231 Client Name AGFA

Date Received 6/14/96 Project Former Barlow

Sample Custodian _____ LRI Project Manager DG

Method of shipment: ☑ LRI Courier ☐ Client Courier ☐ FedEx ☐ Other: _____

If an airbill is included with shipment check here ☐ and attach airbill to chain of custody form

EXAMINE THE SAMPLE SHIPMENT FOR THE CONDITIONS LISTED BELOW AND CHECK THE APPROPRIATE BOXES.

YES	NO	
☐	☐	COOLER RECEIVED WITH CUSTODY SEALS INTACT
☑	☐	CHAIN OF CUSTODY (COC) FORMS ARE INCLUDED WITH SHIPMENT
☑	☐	COC FORMS ARE PROPERLY SIGNED AND DATED BY CLIENT
☐	☐	COOLER TEMPERATURE IS 6 °C OR LOWER
		SAMPLES RECEIVED WITH ☐ ICE ☑ ICE PACKS ☐ NEITHER
☑	☐	INFORMATION ON THE COC FORMS MATCHES ACTUAL SAMPLES
☑	☐	NO HOLDING TIMES WERE EXCEEDED AT TIME OF SAMPLE RECEIPT
☑	☐	SAMPLES ARE PROPERLY LABELLED WITH SAMPLE IDENTIFICATION AND PRESERVATIVE
☑	☐	SAMPLES RECEIVED INTACT (NOT BROKEN, LEAKING, ETC.)
NA ☐	☐	VOA VIALS CONTAIN NO HEADSPACE
☑	☐	SAMPLE VOLUMES ARE SUFFICIENT FOR ANALYSES TO BE PERFORMED
☑	☐	SAMPLE CONTAINERS AND PRESERVATIVES ARE CORRECT FOR ANALYSES TO BE PERFORMED
☑	☐	THE pH FOR ACID PRESERVED SAMPLES IS LESS THAN 2
NA ☐	☐	THE pH FOR CAUSTIC (BASE) PRESERVED SAMPLES IS GREATER THAN 12

TEMPERATURE 3.5° 6.9 (

IF THE RESPONSE TO ONE OR MORE OF THE ABOVE CONDITIONS IS NO, COMPLETE THE FOLLOWING SECTION AND SUBMIT A COPY OF THIS PAGE TO THE LRI PROJECT MANAGER LISTED ABOVE FOR CORRECTIVE ACTION. SAMPLES RECEIVED WITH ANY OF THE ABOVE VARIANCES CANNOT BE LOGGED IN WITHOUT CLIENT APPROVAL.

The following samples were received but not listed on the COC form: _____

The following samples listed on the COC form were not received: _____

The following information on COC form does not match samples: _____

Holding times are exceeded for the following analyses: _____

The following samples were not received intact: _____

VOA vials for the following samples have headspace: _____

Insufficient sample volume was received for the following analyses/samples: _____

The containers received are inappropriate for the following analyses: _____

The preservation is incorrect for the following analyses/samples: _____

Other comments: _____

Supervisor Review: [illegible] 6/14/96 (Initial/Date) Project Manager Review: DG (Initial/Date)

Client notified ☐ in writing ☐ by telephone ☐ by fax ☐ other (explain) _____

by _____ (Name/Date)

Corrective Action: _____

Place copy with completed corrective action in work order folder.

000711

FORM SM-SRL

92

LRI QUOTE # T6062.3

Laboratory Resources Inc
CHAIN OF CUSTODY

PAGE 2 of 2

CUSTOMER INFORMATION

CUSTOMER: AGFA Division of Bayer
ADDRESS: 100 Challenger Road
Ridgefield Park, N.J. 07660
TELEPHONE: 201-440-0111
FAX: 201-440-4376

PROJECT INFORMATION

PROJECT: Former Peerless Photo Products
PROJECT LOCATION: Shoreham STATE: N.Y.
PROJECT MANAGER: Joe Basille
IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:
NAME: Tony Fiorentine
TELEPHONE: (516) 472-4000
FAX: (516) 472-4077

BILLING INFORMATION

BILL TO: AGFA Division of Bayer
ADDRESS: 100 Challenger Road
Ridgefield Park, N.J. 07660
ATTENTION: Richard Rocha
TELEPHONE: 201-440-0111
PO #:

LAB ID CODE	SAMPLE IDENTIFICATION	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE: COMPOSITE	SAMPLE TYPE: GRAB	SAMPLE MATRIX	# OF BOTTLES	ANALYSIS: CADMIUM, SILVER	ANALYSIS: TAL METALS	PRESERVATIVES: H2SO4	PRESERVATIVES: HCL	PRESERVATIVES: HNO3	PRESERVATIVES: NAOH	PRESERVATIVES: NON-PRES
10	B-1N1D	6/13/96	10:20		X	Soil	1	X						X
11	C-1W3S	6/13/96	10:30		X	Soil	1	X						X
12	C-1W3D	6/13/96	10:45		X	Soil	1	X						X
13	C-1W4S	6/13/96	11:00		X	Soil	1	X						X
14	C-1W4D	6/13/96	11:20		X	Soil	1	X						X
15	DUP-1	6/13/96	—		X	Soil	1	X						X
16	SB-6A: 4'	6/12/96	11:30		X	Soil	1		X					X
17	SB-6B: 4'	6/12/96	11:35		X	Soil	1		X					X
18	TRIP BLANK	—	—		X	WATER	1		X			X		

COOLER TEMP: _____ CUSTODY SEAL#: _____
TURNAROUND (INDICATE IN CALENDAR DAYS): _____ FAX _____ HARD COPY _____ DELIV. PKG.
NAME OF LAB PERSONNEL CONFIRMING: _____
DELIVERABLES (CIRCLE ONE): DATA DATA/QC RED/DELIV NJ/CLP I NJ/CLP II NJ/REGII NY/ASP CLP . OTHER _____

SAMPLER / AFFILIATION:	Chris Fox / Fluor Daniel GTI	DATE: 6/14/96 TIME: 1:00
RECEIVED / AFFILIATION:	M.P. Meadows LRI	
RELINQUISHED / AFFILIATION:	M.P. Meadows	DATE: 6/14/96 TIME: 6:40
RECEIVED / AFFILIATION:		
RELINQUISHED / AFFILIATION:		DATE: TIME:
RECEIVED / AFFILIATION:		

RESIDUAL CHLORINE PRESENT: ☐ YES ☐ NO TEMP 3.5°C
☐ RETURN TO CLIENT FOR DISPOSAL ☐ LAB DISPOSAL
KNOWN HAZARD (FLAMMABLE, EXPLOSIVE, TOXIC) C S# 21585
☐ YES ☐ NO (IF YES EXPLAIN UNDER COMMENTS) 21584

LAB USE CONDITIONS OF BOTTLES AND COOLER AT RECEIPT:
☐ COMPLIANT ☐ NOT COMPLIANT (IF NOT EXPLAIN UNDER COMMENTS)
COMMENTS _____

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

LRI QUOTE T60623 | Laboratory Resources Inc. CHAIN OF CUSTODY | PAGE 1 of 2

CUSTOMER INFORMATION

CUSTOMER: AGFA Division of Bayer
ADDRESS: 100 Challenger Road
Ridgefield Park, N.J. 07660
TELEPHONE: 201-440-0111
FAX: 201-440-4376

PROJECT INFORMATION

PROJECT: Former Peerless Photo Products
PROJECT LOCATION: Shoreham STATE: N.Y.
PROJECT MANAGER: Joe Basile
IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:
NAME: Tony Fiorentino
TELEPHONE: (516) 472-4000
FAX: (516) 472-4077

BILLING INFORMATION

BILL TO: AGFA Division of Bayer
ADDRESS: 100 Challenger Road
Ridgefield Park, N.J. 07660
ATTENTION: Richard Rocha
TELEPHONE: 201-440-0111
PO #:

LAB ID CODE	SAMPLE IDENTIFICATION	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE: COMPOSITE	SAMPLE TYPE: GRAB	SAMPLE MATRIX	# OF BOTTLES	ANALYSIS: Cadmium Silver	PRESERVATIVES: H2SO4	PRESERVATIVES: HCL	PRESERVATIVES: HNO3	PRESERVATIVES: NAOH	PRESERVATIVES: NON-PRES
1	C-1N1S	6/13/96	8:20		X	Soil	1	X					X
2	C-1N1D	6/13/96	8:40		X	Soil	1	X					X
3	Field Blank-1	6/13/96	8:45		X	Water	1	X			X		
4	C-1W1S	6/13/96	9:00		X	Soil	1	X					X
5	C-1W1D	6/13/96	9:10		X	Soil	1	X					X
6	Rinsate-1	6/13/96	9:15		X	Water	1	X			X		
7	C-1W2S	6/13/96	9:30		X	Soil	1	X					X
8	C-1W2D	6/13/96	9:45		X	Soil	1	X					X
9	B-1W1S	6/13/96	10:00		X	Soil	1	X					X

COOLER TEMP: -1 CUSTODY SEAL#:
TURNAROUND (INDICATE IN CALENDAR DAYS): _____ FAX _____ HARD COPY _____ DELIV. PKG.
NAME OF LAB PERSONNEL CONFIRMING:
DELIVERABLES / (CIRCLE ONE): DATA DATA/QC RED/DELIV NJ/CLP I NJ/CLP II NJ/REG NY/ASP CLP OTHER

RESIDUAL CHLORINE PRESENT: ☐ YES ☐ NO TEMP 6.9°C
☐ RETURN TO CLIENT FOR DISPOSAL ☐ LAB DISPOSAL
KNOWN HAZARD (FLAMMABLE, EXPLOSIVE, TOXIC)
☐ YES ☐ NO (IF YES EXPLAIN UNDER COMMENTS)
LAB USE CONDITIONS OF BOTTLES AND COOLER AT RECEIPT:
☐ COMPLIANT ☐ NOT COMPLIANT (IF NOT EXPLAIN UNDER COMMENTS)
COMMENTS

SAMPLER / AFFILIATION:	Chad Barn / Fluor Daniel GTI	DATE: 6/14/96
RECEIVED / AFFILIATION:	[signature] LRI	TIME: 1:00
RELINQUISHED / AFFILIATION:	[signature]	DATE: 6/14/96
RECEIVED / AFFILIATION:	[signature]	TIME: 16:40
RELINQUISHED / AFFILIATION:		DATE:
RECEIVED / AFFILIATION:		TIME:

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

Laboratory Resources, Inc.
Division: Teterboro
Department: Wet Chemistry

PERCENT MOISTURE

ANALYST LB DATE 6/24/96 CHECKED BY [illegible] DATE 6/24/96

SAMPLE ID NUMBER	DISH I.D.	DISH WEIGHT (g) D	INITIAL WEIGHT (g) I	FINAL WEIGHT (g) F I	FII	% SOLID	% MOISTURE
Blank	89	1.091	1.091	1.091		1.091	
606231 -5	90	1.085	12.359	10.253		10.233	18.9
Dup	91	1.084	10.503	8.847		8.847	17.6
-15	92	1.128	10.804	9.356		9.356	
-16	93	1.113	11.339	9.853		9.853	
-17	94	1.102	10.067	8.887		8.887	
606239-1	95	1.090	5.160	4.577		4.477	
-2	96	1.130	15.466	3.704		3.704	
-4	97	1.105	6.359	5.252		5.242	
-5	98	1.087	6.305	5.804		5.804	
-6	99	1.101	5.712	3.655		3.655	
-7	100	1.097	7.687	5.031		5.031	
-10	101	1.088	11.180	9.104		9.104	
-Dup	102	1.091	15.508	12.462		12.462	
606194-4	103	1.112	15.493	14.893		14.893	
-8	104	1.090	10.004	9.720		9.720	
-21	105	1.111	9.785	9.502		9.502	
-22	106	1.085	8.260	8.052		8.042	
-23	107	1.098	9.583	9.319		9.419	
-24	108	1.101	9.597	9.143		9.143	
-25	109	1.099	9.957	9.399		9.399	
606170-1	110	1.124	8.146	7.252		7.242	

RPD: _____ X 100%

CALC: % S = $\frac{100\% \times (F-D)}{I-D}$

% Moist: 100 - % S

000707

NB: RESULTS REPORTED TO THREE (3) SIGNIFICANT FIGURES

007

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 7/10/96 Analyst: AD

RUN LOG

Parameter: Mercury

Matrix: Liquids / Solids - Others

CALIBRATIONS AND CHECKS

STD/Check Name	TV ppb (In extract)	PREP INFO ML	PREP INFO TO VOL (ML)	PREP INFO FROM STD (Check Name)	Notes Date Prep/Time Analyst
Blank	0	0	100.0	0	07/09/96 AD
STD 0.2	0.2	0.2	100.0	Calib. Working	
STD 0.5	0.5	0.5	100.0	Calib. Working	
STD ~~0.2~~ 2.0	2.0	2.0	100.0	Calib. Working	
STD ~~0.5~~ 5.0	5.0	5.0	100.0	Calib. Working	
STD 10.0	10.0	10.0	100.0	Calib. Working	
ICV/CCVs	4.0	4.0	100.0	Calib. Working	
CRA	0.2/0.5	0.2/0.5	100.0	Check Working	
LCSW/LCSS(CLP)	1.0	1.0	100.0	Check Working	
LCSW/LCSS(REG)	4.0	4.0	100.0	Check Working	
MS-CLP	1.0	1.0	100.0	Check Working	
MS-REG	4.0	4.0	100.0	Check Working	
Calib. Intermediate	10.000	1.0	100.0	Calib. Stock	
Calib. Working	100	1.0	100.0	Calib Intermediate	
Check Intermediate	10.000	1.0	100.0	Check Stock	
Check Working	100	1.0	100.0	Check Intermediate	
CALIB STOCK	1000 PPM; Manufacturer: Inorganic Ventures; LRI Lot No: A- 62-04				
CHECK STOCK	1000 PPM; Manufacturer: Spex ; LRI Lot No: A- 62-11				

000703

0190

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 6/27/96 Analyst: VD

RUN LOG

Parameter: Mercury

Matrix: Liquids / Solids - Others

CALIBRATIONS AND CHECKS

STD/Check Name	TV ppb (in extract)	PREP INFO ML	PREP INFO TO VOL (ML)	PREP INFO FROM STD (Check Name)	Notes Date Prep/Time Analyst
Blank	0	0	100.0	0	6/27/96-VD
STD 0.2	0.2	0.2	100.0	Calib. Working	〃 〃
STD 0.5	0.5	0.5	100.0	Calib. Working	〃 〃
STD ~~0.2~~ 2.0	2.0	2.0	100.0	Calib. Working	〃 〃
STD ~~0.5~~ 5.0	5.0	5.0	100.0	Calib. Working	〃 〃
STD 10.0	10.0	10.0	100.0	Calib. Working	〃 〃
ICV/CCVs	4.0	4.0	100.0	Calib. Working	〃 〃
CRA	0.2/0.5	0.2/0.5	100.0	Check Working	〃 〃
LCSW/LCSS(CLP)	1.0	1.0	100.0	Check Working	〃 〃
LCSW/LCSS(REG)	4.0	4.0	100.0	Check Working	〃 〃
MS-CLP	1.0	1.0	100.0	Check Working	〃 〃
MS-REG	4.0	4.0	100.0	Check Working	〃 〃
Calib. Intermediate	10,000	1.0	100.0	Calib. Stock	〃 〃
Calib. Working	100	1.0	100.0	Calib Intermediate	〃 〃
Check Intermediate	10,000	1.0	100.0	Check Stock	〃 〃
Check Working	100	1.0	100.0	Check Intermediate	〃 〃
CALIB STOCK	1000 PPM: Manufacturer: Inorganic Ventures; LRI Lot No: A- 62-04				
CHECK STOCK	1000 PPM; Manufacturer: Spex ; LRI Lot No: A- 62-11				000704

VD (6/27/96)

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 07/12/96 Analyst: VD

RUN LOG

Parameter: Mercury

Matrix: Liquids / Solids - Others

CALIBRATIONS AND CHECKS

STD/Check Name	TV ppb (in extract)	PREP INFO ML	TO VOL (ML)	FROM STD (Check Name)	Notes Date Prep/Time Analyst
Blank	0	0	100.0	0	07/11/96 VD
STD 0.2	0.2	0.2	100.0	Calib. Working	
STD 0.5	0.5	0.5	100.0	Calib. Working	
STD 2.0	2.0	2.0	100.0	Calib. Working	
STD 5.0	5.0	5.0	100.0	Calib. Working	
STD 10.0	10.0	10.0	100.0	Calib. Working	
ICV/CCVs	4.0	4.0	100.0	Calib. Working	
CRA	0.2/0.5	0.2/0.5	100.0	Check Working	
LCSW/LCSS(CLP)	1.0	1.0	100.0	Check Working	
LCSW/LCSS(REG)	4.0	4.0	100.0	Check Working	
MS-CLP	1.0	1.0	100.0	Check Working	
MS-REG	4.0	4.0	100.0	Check Working	
Calib. Intermediate	10,000	1.0	100.0	Calib. Stock	
Calib. Working	100	1.0	100.0	Calib Intermediate	
Check Intermediate	10,000	1.0	100.0	Check Stock	
Check Working	100	1.0	100.0	Check Intermediate	
CALIB STOCK	1000 PPM; Manufacturer: Inorganic Ventures; LRI Lot No: A- 6204				
CHECK STOCK	1000 PPM; Manufacturer: Spex ; LRI Lot No: A- 62-11				

000705

0010

B1922

CLIENT: **AGFA** update 06-18-96
Project: **Peerless Photo (AGFA)**
Job # T606231 Date received: 06-14-96

INORGANICS Metals FOR NYASP DATA PACKAGE WITH DISKETTE

LAB ID #	Matrix		CLIENT ID #	Sample ID to be used on forms
T606231-01	soil	75.9	C-1N1S	C-1N1S
T606231-02	soil	80.3	C-1N1D	C-1N1D
T606231-03	water		Field Blank	F-BLK
T606231-04	soil	67.2	C-1W1S	C-1W1S
T606231-05	soil	81.1	C-1W1D	C-1W1D
T606231-06	water		Rinsate-1	RIN-1
T606231-07	soil	60.1	C-1W2S	C-1W2S
T606231-08	soil	84.0	C-1W2D	C-1W2D
T606231-09	soil	74.1	B-1N1S	B-1N1S
T606231-10	soil	84.6	B-1N1D	B-1N1D
T606231-11	soil	71.4	C-1W3S	C-1W3S
T606231-12	soil	83.8	C-1W3D	C-1W3D
T606231-13	soil	74.5	C-1W4S	C-1W4S
T606231-14	soil	81.9	C-1W4D	C-1W4D
T606231-15	soil	85.0	DUP-1	DUP-1
T606231-16	soil	85.5	SB-6A:4'	SB-6A
T606231-17	soil	84.8	SB-6B:4'	SB-6B
T606231-18	water		Trip Blank	T-BLK

CASE #: 06231 **SDG #: 623101**

PLEASE SUBMIT ALL RAW DATA AND ALSO ALL OTHER LAB PAPER WORK SUCH AS RUN LOG, INTERNAL C-O-C, EXTRACTION LOG, ETC.....

MS/DUP FOR INORGANICS IN EVERY 20 SAMPLES OR WITHIN 7 DAYS FOR EACH SDG IS REQUIRED PER EACH MATRIX.

MS/DUP must be analyzed from this work order for Metals.

TRACE METALS ANALYSIS ACCEPTABLE.

DEPE-077 NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

Page ___ of ___

Rev. 2.0, 2/92

INTERNAL CHAIN OF CUSTODY

INSTRUCTIONS: Use 1 form for each 20 samples or aliquot.

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample	Laboratory: Laboratory Resources Name: Krishna Daggumati	Location: Teterboro Title: Sample Management Supervisor
Field Sample Seal No:	Date Broken 6/14/96	Military Time Seal Broken:
CaseNo:	Analytical Parameter/Fraction	

SAMPLE NO.	ALIQUOT/EXTRACT NO.	SAMPLE NO.	ALIQUOT/EXTRACT NO.
T6C623I - 1		11	
2		12	
3		13	
4		14	
5		15	
6		16	
7		17	
8		18	
9			
10			

Date	Time	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
6/21/96	10 a.m.	PRINTED NAME K. DAGGUMATI SIGNATURE K. Daggumati	PRINTED NAME SUGUNA SIGNATURE Suguna	ICP.
6/21/96	12:00	PRINTED NAME SUGUNA SIGNATURE Suguna	PRINTED NAME K. DAGGUMATI SIGNATURE K. Daggumati	Ref.
6/21/96	1500	PRINTED NAME K. DAGGUMATI SIGNATURE K. Daggumati	PRINTED NAME [illegible] SIGNATURE [illegible]	[illegible]
6/21/96	1700	PRINTED NAME [illegible] SIGNATURE [illegible]	PRINTED NAME K. DAGGUMATI SIGNATURE K. Daggumati	Ref
6/27/96	4:00 PM	PRINTED NAME K. DAGGUMATI SIGNATURE K. Daggumati	PRINTED NAME [illegible] SIGNATURE [illegible]	# Ag
6/27/96	18:00 PM	PRINTED NAME [illegible] SIGNATURE [illegible]	PRINTED NAME K. DAGGUMATI SIGNATURE K. Daggumati	Ref
7/8/96	2:15 PM	PRINTED NAME K. DAGGUMATI SIGNATURE K. Daggumati	PRINTED NAME [illegible] SIGNATURE [illegible]	# 16, 17 Ag
7/8/96	17:00	PRINTED NAME [illegible] SIGNATURE [illegible]	PRINTED NAME K. DAGGUMATI SIGNATURE K. Daggumati	Ref.
7/9/96	3:30 PM	PRINTED NAME AMRUT SIGNATURE A. Bosco	PRINTED NAME Amrut SIGNATURE Amrut	CV #5, 16, 17
7/9/96	6 PM	PRINTED NAME Amrut SIGNATURE Amrut	PRINTED NAME AMRUT SIGNATURE A Bosco	Return

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DEPE-077 NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY Page ___ of ___

Rev. 2.0, 2/92

ASP **INTERNAL CHAIN OF CUSTODY** 1922

INSTRUCTIONS: Use 1 form for each 20 samples or aliquot.

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample	Laboratory: Laboratory Resources Name: Krishna Daggumati	Location: Teterboro Title: Sample Management Supervisor
Field Sample Seal No:	Date Broken ____/____/____	Military Time Seal Broken:
CaseNo:	Analytical Parameter/Fraction	

SAMPLE NO.	ALIQUOT/EXTRACT NO.	SAMPLE NO.	ALIQUOT/EXTRACT NO.
606231- 1		606231 - 11	
2		12	
3		13	
4		14	
5		15	
6		16	
7		17	
8		18	
9			
10			

Date	Time	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
6/21/96	5PM	PRINTED NAME SUGUNA SIGNATURE	PRINTED NAME Mike Polidori SIGNATURE	ICP Analysis
6/27/96	11:00 PM	PRINTED NAME Reneeia Reneeia SIGNATURE	PRINTED NAME Reneeia Reneeia SIGNATURE	CV ANALYSIS
7/8/96	1230 PM	PRINTED NAME Reneeia SIGNATURE	PRINTED NAME Reneeia Reneeia SIGNATURE	CV ANALYSIS
7-9-96		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	CV Pest & And
7/12/96		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	CV Pest & And
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	000714
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	

ch Matrix: **AL**

Metals Batch Sheet # 1922

6/18/96 4:27:13 PM

Order	Client	Matrix	Rec.	Due	FAX	Option	Deliv.	ICP	Furnace	CV	QC
T606231-1	AGFA	S	6/14/96	07/11			ASP	Ag, Cd			
T606231-2	"	S	6/14/96	07/11			"	"			
T606231-3	"	FB	6/14/96	07/11			"	"			
T606231-4	"	S	6/14/96	07/11			"	"			
T606231-5	"	S	6/14/96	07/11			"	"			DUP MS
T606231-6	"	FB	6/14/96	07/11			"	"			
T606231-7	"	S	6/14/96	07/11			"	"			
T606231-8	"	S	6/14/96	07/11			"	"			
T606231-9	"	S	6/14/96	07/11			"	"			
T606231-10	"	S	6/14/96	07/11			"	"			
T606231-11	"	S	6/14/96	07/11			"	"			
T606231-12	"	S	6/14/96	07/11			"	"			
T606231-13	"	S	6/14/96	07/11			"	"			
T606231-14	"	S	6/14/96	07/11			"	"			
T606231-15	"	S	6/14/96	07/11			"	"			
T606231-16	"	S	6/14/96	07/11			"	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Na, Ni, Pb, Sb, Se, Tl, V, Zn	As, Pb, Se, Tl	Hg	
T606231-17	"	S	6/14/96	07/11			"	"	As, Pb, Se, Tl	Hg	
T606231-18	"	W	6/14/96	07/11			"	"	As, Pb, Se, Tl	Hg	

T606231 1
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

T606231 2
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

T606231 3
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

T606231 4
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

T606231 5
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

T606231 6
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

T606231 7
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

6/21/96 BS

[606231 8
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

[606231 9
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

[606231 10
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

[606231 11
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

[606231 12
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

[606231 13
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

[606231 14
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

[606231 15
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

[606231 16
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

[606231 17
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

[606231 18
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace
ASP Metals by 12/9[illegible] TRACEsys00009+Hg no furnace
ASP Metals by 12/9[illegible] TRACEsys00009+Hg no furnace

ASP Metals by 12/91 - TRACEsys00009+Hg no furnace
ASP Metals by 12/91 - TRACEsys00009+Hg no furnace

ICP Batch: 14469	Furnace Batch: 14470	CV Batch: 14471	Prep Batch: 14472

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Laboratory Instrumentation Identification Form

#	Instrument Identification	Method	IDL Date	IEC Date	Lin. Date
1	TJA61	P	10/01/91	10/01/91	10/01/91
2	PE5100#1	F	10/01/95	10/01/91	10/01/91
3	PE5100#2	F	04/24/96	10/01/91	10/01/91
4	TJA61E	P	06/24/96	04/11/95	06/25/96
5	TJA1000	CV	04/25/96	10/01/91	10/01/91
6	TRAACS	C	12/18/95		
7	PE5100#3	F	04/24/96		
8	PE5100#4	F	01/05/95		
9	TRACE	P	04/23/96	03/27/96	05/09/96
10	MEAN LCS TRACE	P	07/19/95		
11	TRACE/REG	P	09/30/95	03/27/96	03/27/96
12	PE/REG	F	07/27/95		
13	TJA1000/REG	CV	06/16/95		
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					

Detection Limit Summary Data for Instrument : 9

Dates :	04/23/96	04/26/96	05/02/96	04/23/96
Element	1	2	3	Detection Limit
Aluminum	5.23	15.79	9.13	30.2
Antimony	0.88	1.01	0.80	2.7
Arsenic	1.13	1.88	1.08	4.1
Barium	0.08	0.08	0.09	0.2
Beryllium	0.04	0.08	0.10	0.2
Cadmium	0.15	0.18	0.10	0.4
Calcium	6.40	6.48	3.34	16.2
Chromium	0.16	0.24	0.19	0.6
Cobalt	0.23	0.19	0.16	0.6
Copper	0.59	0.28	0.24	1.1
Iron	3.74	3.76	3.89	11.4
Lead	0.53	0.35	0.70	1.6
Magnesium	1.72	5.34	2.10	9.2
Manganese	0.05	0.11	0.05	0.2
Mercury				
Nickel	0.70	0.73	0.53	2.0
Potassium	7.38	15.36	10.50	33.2
Selenium	0.75	1.22	0.85	2.8
Silver	0.11	0.14	0.07	0.3
Sodium	24.79	92.54	42.14	159.5
Thallium	1.71	1.72	1.16	4.6
Vanadium	0.21	0.19	0.14	0.5
Zinc	1.59	0.57	0.17	2.3
Cyanide				
Boron	18.07	64.03	21.80	103.9
Molybdenum	0.45	0.37	0.43	1.2
Silicon	11.67	18.11	10.31	40.1
Titanium	0.42	0.17	0.12	0.7
Tin	0.73	1.29	0.94	3.0

Laboratory Instrumentation Elemental Information Form

Instrument Identification PE5100#2

ment	Instrument Symbol	Wavelength	Detection Limit	Integration Time	Linearity	Bkg
Aluminum						
Antimony	Sb	217.600			100	2
Arsenic	As	193.700	2.2		100	2
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead	Pb	283.300	1.0		100	2
Magnesium						
Manganese						
Mercury						
Nickel						
Potassium						
Selenium	Se	196.000	1.4		100	2
Silver						
Sodium						
Thallium	Tl	276.800	1.4		100	2
Vanadium						
Zinc						
C nide						
b on						
Molybdenum						
Silicon						
Titanium						
Tin						

Laboratory Instrumentation Elemental Information Form

Instrument Identification PE5100#3

Element	Instrument Symbol	Wavelength	Detection Limit	Integration Time	Linearity	Bkg
Aluminum						
Antimony	Sb	217.600			100	2
Arsenic	As	193.700	2.1		100	2
Barium						
Beryllium						
Cadmium	Cd	228.800	0.1		10	2
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead	Pb	283.300	0.6		100	2
Magnesium						
Manganese						
Mercury						
Nickel						
Potassium						
Selenium	Se	196.000	1.7		100	2
Silver						
Sodium						
Thallium	Tl	276.800	1.1		100	2
Vanadium						
Zinc						
Cyanide						
Boron						
Molybdenum						
Silicon						
Titanium						
Tin						

Detection Limit Summary Data for Instrument : 5

Dates :	04/25/96	04/29/96	05/01/96	04/25/96
Element	1	2	3	Detection Limit
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Magnesium				
Manganese				
Mercury	0.04	0.03	0.02	0.1
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Vanadium				
Zinc				
Cyanide				
Boron				
Molybdenum				
Silicon				
Titanium				
Tin				

Laboratory Instrumentation Elemental Information Form

Instrument Identification TRAACS

...ent	Instrument Symbol	Wavelength	Detection Limit	Integration Time	Linearity	Bkg
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Magnesium						
Manganese						
Mercury						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Thallium						
Vanadium						
Zinc						
...ide	CN	578.000	2.4		500	1
...on						
Molybdenum						
Silicon						
Titanium						
Tin						

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