INTERIM REMEDIAL MEASURE (IRM) REPORT

ADDENDUM NO. 2
END-POINT ANALYTICAL DATA PACKAGES

ALUMINUM LOUVRE CORPORATION
161 SWEET HOLLOW ROAD
OLD BETHPAGE, NEW YORK 11804

Prepared For:

Bank Leumi
420 Lexington Avenue, 10th Floor
New York, New York 10170

February 2001

Prepared by:

General Consolidated Industries, Inc.
1092 Motor Parkway
Hauppauge, New York 11788
(631) 851-1600

CHEMTECH 205 Campus Plaza 1 • Edison, NJ 08837 Phone: 732.225.4111 Fax: 732.225.4110

DATA PACKAGE FOR METALS

PART II

PROJECT NAME: 161 SWEETHOLLOW RD
PROJECT # 960285

GCI, INC
1092 MOTOR PARKWAY
HAUPPAUGE, NY 11788
631-851-1600

CHEMTECH PROJECT #	**L2623ASP**
ATTENTION	**MATT BOECKEL**

PART I SEMIVOLATILE ORGANICS
PART II METALS

CHEMTECH

CASE NARRATIVE

GCI, INC
Project Name: 161 Sweethollow RD
Project # 960285
Chemtech Project # L2623ASP

A. Number of Samples and Date of Receipt
3 Soil Samples were delivered to the laboratory intact on 12/26/00.

B. Parameters
Tests requested were Semivolatile Organics & Metals. This data package contains results for Metals.

C. Analytical Techniques:
The analysis of Metals is based on Method 6010 and Mercury by Method 7471.

D. QA/ QC Samples
Calibrations met requirements. Blank analyses did not indicate the presence of contamination. Spike Sample recoveries were within QC limits. Serial Dilutions met requirements. Duplicate analyses met QC requirements. Holding Times were met.

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

Signature Mildred V. Reyes Name_ Mildred V. Reyes

Date 1/9/01 Title QA/QC

CHEMTECH

205 Campus Plaza 1 Raritan Center Edison, NJ 08837
Tel: 732-225-4111 Fax 732-225-4110

COVER PAGE

ProjectID: 161 Sweethollow RD.

Order L2623

CustomerName GCI Consultants

LAB SAMPLE NO.	CLIENT SAMPLE NO
L2623-01	DW-2
L2623-02	DW-3
L2623-03	DW-5

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

Signature: _____ Name: Carol R. Diaz

Date: 1/9/01 Title: QA/QC

DATA REPORTING QUALIFIERS - - INORGANIC

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

B - If the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).

U - If the analyte was analyzed for, but not detected.

E - The reported value is estimated because of the presence of interference.

M - Duplicate injection precision not met.

N - Spiked sample recovery not within control limits.

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

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

*** -** Duplicate analysis not within control limits.

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

***** -** Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can appear in the same field for an analyte.

M (Method) qualifier

"P" for ICP
"A" for Flame AA
"F" for Furnace AA
"PM" for ICP when Microwave Digestion is used
"AM" for flame AA when Microwave Digestion is used
"FM" for furnace AA when Microwave Digestion is used
"CV" for Manual Cold Vapor AA
"AV" for automated Cold Vapor AA
"CA" for Midi-Distillation Spectrophotometric
"AS" for Semi-Automated Spectrophotometric
"C" for Manual Spectrophotometric
"T" for Titrimetric
"NR" if the analyte is not required to be analyzed

METALS RESULTS

METALS
SAMPLE DATA

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

DW-3

ab Name: CHEMTECH EDISON Contract: 68-W00-088

ab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

atrix (soil/water): SOIL Lab Sample ID: L2623-02 S

evel (low/med): LOW Date Received: 12/26/2000

Solids: 85.1

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.8			P
7440-39-3	Barium	13.6	B		P
7440-43-9	Cadmium	0.24	U		P
7440-47-3	Chromium	8.1			P
7439-92-1	Lead	6.9			P
7439-97-6	Mercury	0.04	U		CV
7782-49-2	Selenium	0.56	B		P
7440-22-4	Silver	0.19	U		P

olor Before: BROWN Clarity Before: Texture: MEDIUM

olor After: YELLOW Clarity After: Artifacts:

omments:

00006

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

DW-5

ab Name: CHEMTECH EDISON Contract: 68-W00-088

ab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

atrix (soil/water): SOIL Lab Sample ID: L2623-03 S

evel (low/med): LOW Date Received: 12/26/2000

Solids: 91.1

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.8			P
7440-39-3	Barium	0.54	B		P
7440-43-9	Cadmium	0.22	U		P
7440-47-3	Chromium	1.1			P
7439-92-1	Lead	1.4			P
7439-97-6	Mercury	0.04	U		CV
7782-49-2	Selenium	0.44	U		P
7440-22-4	Silver	0.18	U		P

olor Before: BROWN Clarity Before: Texture: MEDIUM

olor After: YELLOW Clarity After: Artifacts:

omments:

00007

METALS
CALIBRATIONS DATA

00008

U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

ıb Name: CHEMTECH EDISON Contract: 68-W00-088

ıb Code: CHEMED Case No.: SAS No.: SDG No.: L2623

ıitial Calibration Source: EPA-ICV

›ntinuing Calibration Source: INOR-VEN

Concentration Units: ug/L

ıalyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
ırsenic	50.9	55.52	109.1	2500.0	2530.28	101.2	2449.82	98.0	P
3arium	2009.0	2137.12	106.4	5000.0	5044.95	100.9	5062.70	101.3	P
Cadmium	609.7	622.42	102.1	1250.0	1269.28	101.5	1245.99	99.7	P
Chromium	471.0	486.96	103.4	500.0	479.52	95.9	499.58	99.9	P
Lead	5036.9	5352.96	106.3	2500.0	2500.42	100.0	2452.20	98.1	P
Mercury	4.1	4.56	111.2	5.0	5.71	114.2	5.65	113.0	CV
Selenium	50.7	54.94	108.4	2500.0	2538.20	101.5	2353.64	94.1	P
Silver	590.1	612.00	103.7	625.0	596.21	95.4	611.00	97.8	P

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

00009

U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

ab Name: CHEMTECH EDISON Contract: 68-W00-088

ab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

nitial Calibration Source:

ontinuing Calibration Source: INOR-VEN

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Arsenic				2500.0	2482.34	99.3	2459.24	98.4	P
Barium				5000.0	5036.10	100.7	5090.33	101.8	P
Cadmium				1250.0	1242.90	99.4	1246.97	99.8	P
Chromium				500.0	494.94	99.0	498.76	99.8	P
Lead				2500.0	2435.23	97.4	2424.56	97.0	P
Mercury				5.0	5.48	109.6	5.46	109.2	CV
Selenium				2500.0	2456.38	98.3	2361.83	94.5	P
Silver				625.0	609.86	97.6	609.18	97.5	P

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

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U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

ab Name: CHEMTECH EDISON Contract: 68-W00-088

ab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

nitial Calibration Source:

ontinuing Calibration Source: INOR-VEN

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Arsenic				2500.0	2452.20	98.1	2418.94	96.8	P
Barium				5000.0	5108.77	102.2	4875.88	97.5	P
Cadmium				1250.0	1248.78	99.9	1227.80	98.2	P
Chromium				500.0	494.64	98.9	466.61	93.3	P
Lead				2500.0	2439.68	97.6	2384.46	95.4	P
Mercury				5.0	5.45	109.0	5.57	111.4	CV
Selenium				2500.0	2362.06	94.5	2296.46	91.9	P
Silver				625.0	608.18	97.3	570.03	91.2	P

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

00011

U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

ab Name: CHEMTECH EDISON Contract: 68-W00-088

ab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

nitial Calibration Source:

ontinuing Calibration Source: INOR-VEN

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Arsenic				2500.0	2457.25	98.3	2442.76	97.7	P
Barium				5000.0	5074.34	101.5	4982.96	99.7	P
Cadmium				1250.0	1256.03	100.5	1240.22	99.2	P
Chromium				500.0	500.24	100.0	484.61	96.9	P
Lead				2500.0	2460.66	98.4	2431.43	97.3	P
Mercury				5.0	5.22	104.4	5.39	107.8	CV
Selenium				2500.0	2358.68	94.3	2328.78	93.2	P
Silver				625.0	608.86	97.4	593.02	94.9	P

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

00012

2B
CRDL STANDARD FOR AA AND ICP

ab Name: CHEMTECH EDISON Contract: 68-W00-088

ab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

A CRDL Standard Source: INOR-VEN

CP CRDL Standard Source: CPI

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Arsenic				20.0	24.66	123.3		
Barium								
Cadmium				10.0	11.10	111.0		
Chromium				20.0	19.74	98.7		
Lead				6.0	6.28	104.7		
Mercury	0.2	0.06	30.0					
Selenium				10.0	9.68	96.8		
Silver				20.0	17.73	88.6		

ontrol Limits: no limits have been established by EPA at this time

00013

BLANKS

Lab Name: CHEMTECH EDISON Contract: 68-W00-088

Lab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

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
Arsenic	5.7	U	5.7	U	5.7	U	5.7	U	0.570	U	P
Barium	1.4	U	1.4	U	1.4	U	1.4	U	0.140	U	P
Cadmium	2.0	U	2.0	U	2.0	U	2.0	U	0.200	U	P
Chromium	3.7	U	3.7	U	3.7	U	3.7	U	0.370	U	P
Lead	2.2	U	2.2	U	2.2	U	2.2	U	0.220	U	P
Mercury	0.2	U	0.2	U	0.2	U	0.2	U	0.033	U	CV
Selenium	4.0	U	4.0	U	4.0	U	4.0	U	0.400	U	P
Silver	-3.4	B	1.6	U	1.6	U	1.6	U	0.160	U	P

00014

BLANKS

.b Name: CHEMTECH EDISON Contract: 68-W00-088

.b Code: CHEMED Case No.: SAS No.: SDG No.: L2623

·eparation Blank Matrix (soil/water):

·eparation 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
Arsenic			5.7	U	5.7	U	5.7	U			P
Barium			1.4	U	1.4	U	1.4	U			P
Cadmium			2.0	U	2.0	U	2.0	U			P
Chromium			3.7	U	3.7	U	3.7	U			P
Lead			2.2	U	2.2	U	2.2	U			P
Mercury			0.2	U	0.2	U	0.2	U			CV
Selenium			4.0	U	4.0	U	4.0	U			P
Silver			1.6	U	1.6	U	-1.6	B			P

00015

3

BLANKS

Lab Name: CHEMTECH EDISON Contract: 68-W00-088

Lab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

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
Arsenic			5.7	U	5.7	U					P
Barium			1.4	U	1.4	U					P
Cadmium			2.0	U	2.0	U					P
Chromium			3.7	U	3.7	U					P
Lead			2.2	U	2.3	B					P
Mercury			0.2	U	0.2	U					CV
Selenium			4.0	U	4.0	U					P
Silver			1.6	U	1.6	U					P

00016

METALS
QC DATA

00017

U.S. EPA - CLP

4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: CHEMTECH EDISON Contract: 68-W00-088

Lab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

ICP ID Number: P1 ICS Source: EPA

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
Arsenic	0	97	2	95.0	97.9			
Barium	0	467	4	521.2	111.6			
Cadmium	0	871	-1	910.6	104.5			
Chromium	38	456	36	466.4	102.3			
Lead	0	47	3	50.9	108.3			
Mercury								
Selenium	0	42	-4	38.8	92.4			
Silver	0	207	1	225.8	109.1			

00013

U.S. EPA - CLP

5A

SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

D11B01(6-8)MS

ab Name: CHEMTECH EDISON Contract: 68-W00-088

ab Code: CHEMED Case No.: SAS No.: SDG No.: L2629

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

Solids for Sample: 97.4

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
Arsenic	75-125	180.4661		1.5883		205.34	87.1		P
Barium	75-125	201.8095		6.2438	B	205.34	95.2		P
Cadmium	75-125	4.5616		0.2053	U	5.13	88.9		P
Chromium	75-125	36.8568		18.3819		20.53	90.0		P
Lead	75-125	48.9600		3.8701		51.33	87.8		P
Mercury	75-125	0.5908		0.0488		0.67	80.9		CV
Selenium	75-125	159.4600		0.4107	U	205.34	77.7		P
Silver	75-125	4.1920		0.1643	U	5.13	81.7		P

omments:

0301J

U.S. EPA - CLP

5A

SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

D11B01(6-8)MSD

.b Name: CHEMTECH EDISON Contract: 68-W00-088

.b Code: CHEMED Case No.: SAS No.: SDG No.: L2629

.trix (soil/water): SOIL Level (low/med): LOW

Solids for Sample: 97.4

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
.rsenic	75-125	179.9620		1.5883		205.34	86.9		P
Barium	75-125	200.9230		6.2438	B	205.34	94.8		P
Cadmium	75-125	4.5811		0.2053	U	5.13	89.3		P
Chromium	75-125	36.7115		18.3819		20.53	89.3		P
Lead	75-125	48.8978		3.8701		51.33	87.7		P
Mercury	75-125	0.6061		0.0488		0.66	84.4		CV
Selenium	75-125	159.6412		0.4107	U	205.34	77.7		P
Silver	75-125	4.2064		0.1643	U	5.13	82.0		P

Comments:

00020

6

DUPLICATES

EPA SAMPLE NO.

D11B01(6-8)D

Lab Name: CHEMTECH EDISON Contract: 68-W00-088

Lab Code: CHEMED Case No.: SAS No.: SDG No.: L2629

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

Solids for Sample: 97.4 % Solids for Duplicate: 96.3

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic	1.0	1.5883		1.8316		14.2		P
Barium		6.2438	B	6.2926	B	0.8		P
Cadmium		0.2053	U	0.2053	U			P
Chromium		18.3819		18.5770		1.1		P
Lead		3.8701		4.0267		4.0		P
Mercury	0.0	0.0488		0.0513		5.0		CV
Selenium		0.4107	U	0.4107	U			P
Silver		0.1643	U	0.1643	U			P

00021

U.S. EPA - CLP

6

DUPLICATES

EPA SAMPLE NO.

D11B01(6-8)MSD

ab Name: CHEMTECH EDISON Contract: 68-W00-088

ab Code: CHEMED Case No.: SAS No.: SDG No.: L2629

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

Solids for Sample: 97.4 % Solids for Duplicate: 97.4

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic		180.4661		179.9620		0.3		P
Barium		201.8095		200.9230		0.4		P
Cadmium		4.5616		4.5811		0.4		P
Chromium		36.8568		36.7115		0.4		P
Lead		48.9600		48.8978		0.1		P
Mercury		0.5908		0.6061		2.6		CV
Selenium		159.4600		159.6412		0.1		P
Silver	1.0	4.1920		4.2064		0.3		P

00022

7
LABORATORY CONTROL SAMPLE

ab Name: CHEMTECH EDISON Contract: 68-W00-088

ab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

olid LCS Source: EPA-LCS(0996)

queous LCS Source:

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Arsenic				930.0	949.1		613.6	1247.0	102.1
Barium				5.3	5.8	B	2.5	8.1	109.4
Cadmium				41.6	41.4		32.1	51.1	99.5
Chromium				96.5	97.3		77.8	115.2	100.8
Lead				224.0	229.0		167.6	280.5	102.2
Mercury				12.3	13.0		7.8	16.9	105.7
Selenium				37.0	37.8		17.6	56.4	102.2
Silver				20.9	20.1		13.2	28.5	96.2

00023

U.S. EPA - CLP

8

STANDARD ADDITION RESULTS

ab Name: CHEMTECH EDISON Contract: 68-W00-088

ab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

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

00024

FORM VIII - IN RCREL

ICP SERIAL DILUTIONS

EPA SAMPLE NO.

D11B01(6-8)L

ıb Name: CHEMTECH EDISON Contract: 68-W00-088

ıb Code: CHEMED Case No.: SAS No.: SDG No.: L2629

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Differ-ence	Q	M
Arsenic	15.47		28.50	U	100.0		P
Barium	60.82	B	59.78	B	1.7		P
Cadmium	2.00	U	10.00	U			P
Chromium	179.04		189.10		5.6		P
Lead	37.70		36.10		4.2		P
Mercury							NR
Selenium	4.00	U	20.00	U			P
Silver	1.60	U	8.00	U			P

00025

METALS PREPARATION & INSTRUMENT DATA

00026

10
Instrument Detection Limits (Quarterly)

ab Name: CHEMTECH EDISON Contract: 68-W00-088

ab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

CP ID Number: Date: 10/15/2000

lame AA ID Number: CV

irnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Arsenic			10		NR
Barium			200		NR
Cadmium			5		NR
Chromium			10		NR
Lead			3		NR
Mercury	253.70		0.2	0.2	CV
Selenium			5		NR
Silver			10		NR

omments:
CV: LEEMAN PS200 HG ANALYZER

00027

10
Instrument Detection Limits (Quarterly)

ıb Name: CHEMTECH EDISON Contract: 68-W00-088

ıb Code: CHEMED Case No.: SAS No.: SDG No.: L2623

:P ID Number: P1 Date: 10/15/2000

.ame AA ID Number:

ırnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Arsenic	189.00		10	5.7	P
Barium	493.40		200	1.4	P
Cadmium	226.50		5	2.0	P
Chromium	267.70		10	3.7	P
Lead	220.40		3	2.2	P
Mercury			0.2		NR
Selenium	196.00		5	4.0	P
Silver	328.00		10	1.6	P

›mments:
P1: P1: ICAP-1= ICP 61E TRACE ANALYZER

00023

U.S. EPA - CLP

11A
ICP Interelement Correction Factors (Annually)

ıb Name: CHEMTECH EDISON Contract: 68-W00-088

ıb Code: CHEMED Case No.: SAS No.: SDG No.: L2623

:P ID Number: P1 Date: 04/13/2000

Analyte	Wave-length (nm)	Interelement Correction Factors for: Ag	Al	As	Be	Cd
ırsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
3arium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
:admium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
:hromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
,ead	220.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
1ercury						
;elenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
;ilver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

›mments:
P1: P1: ICAP-1= ICP 61E TRACE ANALYZER

00029

U.S. EPA - CLP

11B
ICP Interelement Correction Factors (Annually)

ab Name: CHEMTECH EDISON Contract: 68-W00-088

ab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

CP ID Number: P1 Date: 04/13/2000

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cr	Cu	Mg	Mn	Pb
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

omments:
P1: P1: ICAP-1= ICP 61E TRACE ANALYZER

00030

U.S. EPA - CLP

11B
ICP Interelement Correction Factors (Annually)

ab Name: CHEMTECH EDISON Contract: 68-W00-088

ab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

CP ID Number: P1 Date: 04/13/2000

Analyte	Wave-length (nm)	Interelement Correction Factors for: Se	Tl	V	Zn	__
Arsenic	189.00	0.0000000	0.0000000	0.0000000	0.0000000	
Barium	493.40	0.0000000	0.0000000	0.0000000	0.0000000	
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	
Chromium	267.70	0.0000000	0.0000000	0.0000000	0.0000000	
Lead	220.40	0.0000000	0.0000000	0.0000000	0.0000000	
Mercury						
Selenium	196.00	0.0000000	0.0000000	0.0000000	0.0000000	
Silver	328.00	0.0000000	0.0000000	0.0000000	0.0000000	

omments:
P1: P1: ICAP-1= ICP 61E TRACE ANALYZER

0003

U.S. EPA - CLP

13
PREPARATION LOG

ıb Name: CHEMTECH EDISON Contract: 68-W00-088

ıb Code: CHEMED Case No.: SAS No.: SDG No.: L2623

ɛthod: CV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
DW-3	12/26/2000	0.60	100
DW-5	12/26/2000	0.63	100
LCSS	12/26/2000	0.60	100
PBS	12/26/2000	0.60	100

00033

U.S. EPA - CLP

13
PREPARATION LOG

ıb Name: CHEMTECH EDISON Contract: 68-W00-088

ıb Code: CHEMED Case No.: SAS No.: SDG No.: L2623

:thod: P

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
DW-3	12/27/2000	1.00	100
DW-5	12/27/2000	1.00	100
LCSS	12/27/2000	1.00	100
PBS	12/27/2000	1.00	100

0003.1

14
ANALYSIS RUN LOG

ab Name: CHEMTECH EDISON Contract: 68-W00-088

ab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

ıstrument ID Number: CV Method: CV

:art date: 12/27/2000 End date: 12/27/2000

EPA Sample No.	D/F	Time	% R	Analytes							
				AS	BA	CD	CR	PB	HG	SE	AG
30	1.00	1359							X		
30.2	1.00	1401							X		
30.5	1.00	1404							X		
31.0	1.00	1406							X		
35.0	1.00	1409							X		
310.0	1.00	1411							X		
ICV	1.00	1414							X		
ICB	1.00	1416							X		
CCV	1.00	1419							X		
CCB	1.00	1421							X		
CRA	1.00	1423							X		
ZZZZZZ	1.00	1426									
ZZZZZZ	1.00	1428									
ZZZZZZ	5.00	1431									
ZZZZZZ	1.00	1433									
ZZZZZZ	1.00	1435									
ZZZZZZ	1.00	1438									
ZZZZZZ	1.00	1440									
ZZZZZZ	1.00	1443									
ZZZZZZ	1.00	1445									
CCV	1.00	1447							X		
CCB	1.00	1450							X		
ZZZZZZ	1.00	1452									
ZZZZZZ	1.00	1455									
ZZZZZZ	1.00	1457									
ZZZZZZ	1.00	1459									
ZZZZZZ	1.00	1502									
ZZZZZZ	1.00	1504									
ZZZZZZ	1.00	1507									
ZZZZZZ	1.00	1509									
ZZZZZZ	1.00	1511									
ZZZZZZ	1.00	1514									

14
ANALYSIS RUN LOG

ab Name: CHEMTECH EDISON Contract: 68-W00-088

ab Code: CHEMED Case No.: SAS No.: SDG No.: L2623

nstrument ID Number: CV Method: CV

tart date: 12/27/2000 End date: 12/27/2000

EPA Sample No.	D/F	Time	% R	Analytes							
				AS	BA	CD	CR	PB	HG	SE	AG
CCV	1.00	1516							X		
CCB	1.00	1519							X		
ZZZZZZ	1.00	1521									
ZZZZZZ	1.00	1523									
ZZZZZZ	1.00	1526									
ZZZZZZ	1.00	1528									
ZZZZZZ	1.00	1530									
ZZZZZZ	1.00	1533									
ZZZZZZ	1.00	1535									
ZZZZZZ	1.00	1538									
ZZZZZZ	1.00	1540									
PBS	1.00	1542							X		
CCV	1.00	1545							X		
CCB	1.00	1547							X		
LCSS	5.00	1550							X		
ZZZZZZ	1.00	1553									
ZZZZZZ	1.00	1555									
ZZZZZZ	1.00	1557									
ZZZZZZ	1.00	1600									
ZZZZZZ	1.00	1603									
ZZZZZZ	1.00	1606									
ZZZZZZ	1.00	1608									
ZZZZZZ	1.00	1610									
ZZZZZZ	1.00	1613									
CCV	1.00	1615							X		
CCB	1.00	1618							X		
ZZZZZZ	1.00	1620									
ZZZZZZ	1.00	1623									
ZZZZZZ	1.00	1625									
ZZZZZZ	1.00	1627									
ZZZZZZ	1.00	1630									
ZZZZZZ	1.00	1632									

14
ANALYSIS RUN LOG

ıb Name: CHEMTECH EDISON Contract: 68-W00-088

ıb Code: CHEMED Case No.: SAS No.: SDG No.: L2623

ıstrument ID Number: CV Method: CV

:art date: 12/27/2000 End date: 12/27/2000

EPA Sample No.	D/F	Time	% R	Analytes							
				AS	BA	CD	CR	PB	HG	SE	AG
;ZZZZZ	1.00	1635									
;ZZZZZ	1.00	1637									
;ZZZZZ	1.00	1640									
;ZZZZZ	1.00	1642									
:CV	1.00	1644							X		
:CB	1.00	1647							X		
)W-3	1.00	1649							X		
)W-5	1.00	1652							X		
;ZZZZZ	1.00	1654									
;ZZZZZ	1.00	1657									
;ZZZZZ	1.00	1659									
;ZZZZZ	1.00	1702									
;ZZZZZ	20.00	1704									
;ZZZZZ	5.00	1707									
;ZZZZZ	20.00	1709									
;ZZZZZ	40.00	1712									
:CV	1.00	1714							X		
:CB	1.00	1717							X		
;ZZZZZ	5.00	1719									
;ZZZZZ	10.00	1722									
;ZZZZZ	10.00	1724									
;ZZZZZ	2.00	1726									
:CV	1.00	1729							X		
:CB	1.00	1731							X		

14
ANALYSIS RUN LOG

ıb Name: CHEMTECH EDISON Contract: 68-W00-088

ıb Code: CHEMED Case No.: SAS No.: SDG No.: L2623

ıstrument ID Number: P1 Method: P

:art date: 12/28/2000 End date: 12/28/2000

EPA Sample No.	D/F	Time	% R	Analytes							
				AS	BA	CD	CR	PB	HG	SE	AG
30	1.00	0932		X	X	X	X	X		X	X
3	1.00	0935		X	X	X	X	X		X	X
3	1.00	0935			X						
3	1.00	0941		X	X	X	X	X		X	X
ICV	1.00	0944		X	X	X	X	X		X	X
ICB	1.00	0947		X	X	X	X	X		X	X
CRI	1.00	0951		X		X	X	X		X	X
ICSA	1.00	1013		X	X	X	X	X		X	X
ICSAB	1.00	1018		X	X	X	X	X		X	X
CCV	1.00	1021		X	X	X	X	X		X	X
CCB	1.00	1023		X	X	X	X	X		X	X
ZZZZZZ	1.00	1029									
ZZZZZZ	1.00	1034									
ZZZZZZ	1.00	1037									
ZZZZZZ	1.00	1039									
ZZZZZZ	1.00	1044									
ZZZZZZ	1.00	1047									
ZZZZZZ	1.00	1050									
ZZZZZZ	1.00	1053									
ZZZZZZ	1.00	1057									
ZZZZZZ	1.00	1100									
CCV	1.00	1103		X	X	X	X	X		X	X
CCB	1.00	1108		X	X	X	X	X		X	X
ZZZZZZ	1.00	1113									
ZZZZZZ	1.00	1116									
ZZZZZZ	1.00	1120									
ZZZZZZ	1.00	1122									
ZZZZZZ	1.00	1125									
ZZZZZZ	1.00	1128									
ZZZZZZ	1.00	1130									
ZZZZZZ	1.00	1133									
ZZZZZZ	1.00	1136									

14
ANALYSIS RUN LOG

ıb Name: CHEMTECH EDISON Contract: 68-W00-088

ıb Code: CHEMED Case No.: SAS No.: SDG No.: L2623

ıstrument ID Number: P1 Method: P

:art date: 12/28/2000 End date: 12/28/2000

EPA Sample No.	D/F	Time	% R	Analytes							
				AS	BA	CD	CR	PB	HG	SE	AG
;ZZZZZ	1.00	1139		-	-	-	-	-	-	-	-
:CV	1.00	1142		X	X	X	X	X	-	X	X
:CB	1.00	1144		X	X	X	X	X	-	X	X
;ZZZZZ	1.00	1148		-	-	-	-	-	-	-	-
;ZZZZZ	5.00	1152		-	-	-	-	-	-	-	-
>BS	1.00	1155		X	X	X	X	X	-	X	X
,CSS	1.00	1200		X	X	X	X	X	-	X	X
,CSS	2.00	1204		-	-	-	-	-	-	-	-
;ZZZZZ	1.00	1211		-	-	-	-	-	-	-	-
)W-3	1.00	1214		X	X	X	X	X	-	X	X
)W-5	1.00	1216		X	X	X	X	X	-	X	X
;ZZZZZ	1.00	1219		-	-	-	-	-	-	-	-
;ZZZZZ	1.00	1222		-	-	-	-	-	-	-	-
:CV	1.00	1226		X	X	X	X	X	-	X	X
:CB	1.00	1229		X	X	X	X	X	-	X	X
;ZZZZZ	1.00	1238		-	-	-	-	-	-	-	-
;ZZZZZ	1.00	1241		-	-	-	-	-	-	-	-
;ZZZZZ	1.00	1244		-	-	-	-	-	-	-	-
;ZZZZZ	1.00	1247		-	-	-	-	-	-	-	-
;ZZZZZ	1.00	1250		-	-	-	-	-	-	-	-
;ZZZZZ	1.00	1252		-	-	-	-	-	-	-	-
;ZZZZZ	1.00	1255		-	-	-	-	-	-	-	-
;ZZZZZ	1.00	1258		-	-	-	-	-	-	-	-
;ZZZZZ	1.00	1300		-	-	-	-	-	-	-	-
;ZZZZZ	1.00	1302		-	-	-	-	-	-	-	-
:CV	1.00	1305		X	X	X	X	X	-	X	X
:CB	1.00	1307		X	X	X	X	X	-	X	X
;ZZZZZ	5.00	1321		-	-	-	-	-	-	-	-
;ZZZZZ	1.00	1324		-	-	-	-	-	-	-	-
;ZZZZZ	1.00	1326		-	-	-	-	-	-	-	-
;ZZZZZ	1.00	1330		-	-	-	-	-	-	-	-
;ZZZZZ	1.00	1333		-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-

00039

14
ANALYSIS RUN LOG

ıb Name: CHEMTECH EDISON Contract: 68-W00-088

ıb Code: CHEMED Case No.: SAS No.: SDG No.: L2623

ıstrument ID Number: P1 Method: P

:art date: 12/28/2000 End date: 12/28/2000

EPA Sample No.	D/F	Time	% R	Analytes							
				AS	BA	CD	CR	PB	HG	SE	AG
ZZZZZZ	1.00	1337									
ZZZZZZ	1.00	1340									
ZZZZZZ	1.00	1350									
ZZZZZZ	1.00	1353									
ZZZZZZ	1.00	1358									
CCV	1.00	1401		X	X	X	X	X		X	X
CCB	1.00	1403		X	X	X	X	X		X	X
ZZZZZZ	1.00	1406									
ZZZZZZ	1.00	1420									
ZZZZZZ	1.00	1423									
ZZZZZZ	1.00	1426									
ZZZZZZ	1.00	1430									
ZZZZZZ	1.00	1432									
ZZZZZZ	1.00	1435									
ZZZZZZ	1.00	1439									
ZZZZZZ	1.00	1442									
ZZZZZZ	1.00	1445									
CCV	1.00	1448		X	X	X	X	X		X	X
CCB	1.00	1450		X	X	X	X	X		X	X
ZZZZZZ	1.00	1453									
ZZZZZZ	5.00	1456									
ZZZZZZ	1.00	1501									
CCV	1.00	1505		X	X	X	X	X		X	X
CCB	1.00	1508		X	X	X	X	X		X	X

00040

METALS
RAW DATA

00041

ethod: 6010B Standard: S0
un Time: 12/28/00 09:32:06

Elem	As1890	Tl1908	Al3082	Ba4934	Be3130	Cd2265	Ca3179
Avge	-.01044	-.00181	.11456	.00100	.01931	-.00900	.00031
SDev	.00115	.00239	.00026	.00000	.00026	.00124	.00009
%RSD	11.009	131.67	.23146	.00000	1.3730	13.749	28.284
#1	-.01125	-.00013	.11475	.00100	.01950	-.00988	.00038
#2	-.00962	-.00350	.11438	.00100	.01912	-.00812	.00025

Elem	Cr2677	Co2296	Cu3247	Fe2714	Mn2576	Mg2790	Ni2316
Avge	.00238	.00031	.02594	.00100	.00069	.00094	-.00075
SDev	.00053	.00044	.00009	.00035	.00009	.00009	.00018
%RSD	22.330	141.42	.34078	35.355	12.856	9.4281	23.570
#1	.00200	.00000	.02600	.00125	.00075	.00088	-.00062
#2	.00275	.00062	.02588	.00075	.00062	.00100	-.00088

Elem	Ag3280	Na3302	V_2924	Zn2138	K_7664	2068-2	2068-1
Avge	.00269	.01087	.00031	.00456	-.03550	.00463	-.00313
SDev	.00486	.00018	.00009	.00062	.00247	.00212	.00442
%RSD	180.89	1.6255	28.284	13.561	6.9715	45.866	141.42
#1	.00612	.01075	.00025	.00500	-.03725	.00313	.00000
#2	-.00075	.01100	.00038	.00412	-.03375	.00612	-.00625

Elem	2203-1	2203-2	1960-1	1960-2	B_2496	Mo2020	Si2881
Avge	.04256	.00031	-.01319	.01700	.00431	.00500	.04144
SDev	.00150	.00433	.00080	.00212	.00080	.00071	.00186
%RSD	3.5303	1385.9	6.0322	12.478	18.446	14.142	4.4794
#1	.04150	-.00275	-.01375	.01850	.00488	.00550	.04275
#2	.04363	.00338	-.01263	.01550	.00375	.00450	.04013

Elem	Sn1899	Ti3349
Avge	.01063	.00131
SDev	.00018	.00026
%RSD	1.6638	20.203
#1	.01050	.00112
#2	.01075	.00150

PP 12/28/

00042

:thod: 6010B Standard: S
in Time: 12/28/00 09:35:56

:lem	As1890	Tl1908	Al3082	Ba4934	Be3130	Cd2265	Ca3179
ivge	5.5893	3.0477	1.5426	11.895	.61762	9.0053	1.6062
3Dev	.0368	.0307	.0115	.061	.00265	.0420	.0093
;RSD	.65786	1.0064	.74487	.51051	.42933	.46622	.57782
#1	5.6153	3.0694	1.5508	11.938	.61950	9.0350	1.6128
#2	5.5633	3.0260	1.5345	11.852	.61575	8.9756	1.5996

:lem	Cr2677	Co2296	Cu3247	Fe2714	Mn2576	Mg2790	Ni2316
ivge	.81856	1.1878	1.6028	.13181	1.9834	2.4566	4.0913
3Dev	.00451	.0077	.0101	.00044	.0097	.0166	.0209
;RSD	.55070	.64739	.62868	.33528	.49021	.67642	.51201
#1	.82175	1.1932	1.6099	.13213	1.9902	2.4684	4.1061
#2	.81537	1.1824	1.5956	.13150	1.9765	2.4449	4.0765

:lem	Ag3280	Na3302	V_2924	Zn2138	K_7664	2068-2	2068-1
ivge	1.3875	.24519	.51294	1.2594	6.3694	4.2173	5.4773
3Dev	.0074	.00309	.00292	.0067	.0476	.0264	.0408
;RSD	.53511	1.2617	.56865	.53340	.74796	.62666	.74554
#1	1.3928	.24737	.51500	1.2641	6.4031	4.2360	5.5061
#2	1.3822	.24300	.51087	1.2546	6.3358	4.1986	5.4484

:lem	2203-1	2203-2	1960-1	1960-2	B_2496	Mo2020	Si2881
ivge	8.7378	6.6113	4.6112	5.1663	2.9373	4.4898	2.9387
3Dev	.1128	.0864	.0361	.0582	.0031	.0052	.0183
;RSD	1.2908	1.3062	.78206	1.1258	.10532	.11615	.62261
#1	8.8175	6.6724	4.6368	5.2074	2.9395	4.4935	2.9516
#2	8.6580	6.5503	4.5858	5.1251	2.9351	4.4861	2.9258

:lem	Sn1899	Ti3349
ivge	4.0627	6.6331
3Dev	.0281	.0217
;RSD	.69184	.32780
#1	4.0826	6.6485
#2	4.0429	6.6178

12/28/

00043

ɜthod: 6010B Sample Name: HMS Operator: AD
ın Time: 12/28/00 09:38:28
ɔmment: HMS
ɔde: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9194	4.9175	4.9193	4.9446	4.9274	9.8875	9.9149
SDev	.0097	.0555	.0058	.0007	.0013	.0860	.0557
%RSD	.19742	1.1293	.11795	.01377	.02680	.87012	.56141
#1	4.9125	4.9568	4.9234	4.9441	4.9265	9.9484	9.9542
#2	4.9262	4.8783	4.9152	4.9451	4.9284	9.8267	9.8755

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24494	2.4526	24.405	.98147	2.4457	1.2403	4.8782
SDev	.00083	.0079	.249	.00899	.0175	.0050	.0338
%RSD	.34005	.32367	1.0205	.91598	.71521	.40670	.69256
#1	.24553	2.4582	24.581	.98782	2.4580	1.2439	4.9021
#2	.24435	2.4470	24.228	.97511	2.4333	1.2367	4.8543

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4508	24.681	2.4577	1.2259	24.647	2.4598	2.4420
SDev	.0172	.153	.0127	.0098	.113	.0177	.0158
%RSD	.70033	.61981	.51634	.80031	.45916	.71850	.64901
#1	2.4630	24.789	2.4667	1.2328	24.727	2.4723	2.4532
#2	2.4387	24.572	2.4487	1.2190	24.567	2.4473	2.4308

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.865	4.9395	4.9003	4.9605	4.8969	4.9892	4.9210
SDev	.207	.0059	.0081	.0078	.0124	.0050	.0015
%RSD	.83251	.11891	.16456	.15668	.25418	.09973	.02974
#1	25.011	4.9354	4.9060	4.9550	4.9057	4.9857	4.9221
#2	24.718	4.9437	4.8946	4.9660	4.8881	4.9927	4.9200

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Jnits	ppm	ppm	ppm	ppm	ppm
Avge	4.9559	4.9420	4.9026	4.9008	4.9450
SDev	.0261	.0406	.0275	.0384	.0548
%RSD	.52672	.82151	.56006	.78335	1.1077
#1	4.9744	4.9707	4.9220	4.9280	4.9837
#2	4.9375	4.9132	4.8832	4.8737	4.9062

12/28/~

00041

ɜthod: 6010B Sample Name: HMS/100 Operator: AD
ın Time: 12/28/00 09:41:14
ɔmment: HMS/100
ɔde: CONC Corr. Factor: 1

Ɛlem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
∖vge	.05145	.03973	.04997	.05175	.05424	.10197	.10258
ƷDev	.00340	.00101	.00176	.00163	.00462	.00000	.00000
ƷRSD	6.5992	2.5506	3.5174	3.1572	8.5267	.00000	.00000
♯1	.04905	.03902	.04872	.05291	.05751	.10197	.10258
♯2	.05385	.04045	.05121	.05060	.05097	.10197	.10258

Ɛlem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
∖vge	.00291	.02538	.33860	.01011	.02368	.01184	.04300
ƷDev	.00000	.00034	.00138	.00000	.00130	.00028	.00676
ƷRSD	.02666	1.3470	.40638	.00149	5.4997	2.3627	15.713
♯1	.00291	.02514	.33763	.01011	.02461	.01204	.03822
♯2	.00291	.02562	.33957	.01011	.02276	.01164	.04778

Ɛlem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
∖vge	.02474	.22715	.02589	.00779	.12003	.02438	.02291
ƷDev	.00011	.00540	.00130	.00040	.13203	.00043	.00053
ƷRSD	.45326	2.3768	5.0061	5.0722	109.99	1.7656	2.3039
♯1	.02467	.23097	.02680	.00807	.21339	.02408	.02254
♯2	.02482	.22333	.02497	.00751	.02667	.02469	.02329

Ɛlem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
∖vge	.16198	.05030	.05950	.05179	.04718	.05298	.04964
ƷDev	.02139	.00252	.00884	.00488	.00020	.00010	.00240
ƷRSD	13.205	5.0070	14.862	9.4229	.42036	.18069	4.8385
♯1	.17711	.05208	.06575	.04834	.04704	.05305	.05134
♯2	.14686	.04851	.05325	.05525	.04732	.05291	.04794

Ɛlem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Jnits	ppm	ppm	ppm	ppm	ppm
∖vge	.07157	.06689	.04670	.05113	.04990
ƷDev	.01407	.01439	.00061	.00142	.00053
ƷRSD	19.653	21.508	1.3066	2.7738	1.0683
♯1	.08152	.07707	.04714	.05013	.05028
♯2	.06162	.05672	.04627	.05213	.04952

00045

12/28/00

ethod: 6010B Sample Name: ICV Operator: AD
un Time: 12/28/00 09:44:29
omment: ICV
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05553	.09644	5.3530	.05494	1.0411	2.1471	2.1371
SDev	.00292	.00470	.0456	.00099	.0069	.0006	.0039
%RSD	5.2604	4.8773	.85143	1.8086	.66052	.02882	.18430
#1	.05346	.09311	5.3852	.05565	1.0460	2.1476	2.1399
#2	Q.05759	.09976	5.3207	.05424	1.0363	2.1467	2.1343

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48562	.62242	51.514	.48697	.54921	.49466	1.9924
SDev	.00409	.00509	.469	.00455	.00205	.00084	.0338
%RSD	.84278	.81835	.91086	.93462	.37269	.17052	1.6957
#1	.48851	.62602	51.846	.49018	.55066	.49526	2.0162
#2	.48272	.61882	51.182	.48375	.54776	.49406	1.9685

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50140	25.722	.49792	.61201	51.073	.49552	3.0545
SDev	.00290	.114	.00292	.00606	.079	.00301	.0284
%RSD	.57848	.44428	.58564	.98948	.15381	.60844	.92839
#1	.50346	25.803	.49998	.61629	51.017	.49765	3.0746
#2	.49935	25.641	.49585	.60773	51.129	.49339	3.0345

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	53.273	1.0479	1.0249	5.4156	5.3198	.05796	.05203
SDev	.026	.0080	.0047	.0207	.0580	.00641	.00456
%RSD	.04857	.76084	.45678	.38229	1.0902	11.057	8.7580
#1	53.255	1.0535	1.0282	5.4303	5.3608	.05343	.05525
#2	53.291	1.0423	1.0216	5.4010	5.2788	.06249	.04881

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	5.1310	5.1292	4.5289	5.1403	5.0764
SDev	.0056	.0046	.0185	.0386	.0160
%RSD	.10831	.09030	.40751	.75103	.31505
#1	5.1350	5.1325	4.5420	5.1676	5.0877
#2	5.1271	5.1259	4.5159	5.1130	5.0651

M 12/28/00

thod: 6010B Sample Name: ICB Operator: AD
n Time: 12/28/00 09:47:17
mment: ICB
de: CONC Corr. Factor: 1

lem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
nits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
vge	.00017	-.00536	.00155	-.00110	.00107	.00044	-.00074
Dev	.00111	.00483	.00087	.00078	.00026	.00311	.00000
RSD	658.86	90.042	56.234	71.276	24.197	707.18	.00000
1	-.00061	-.00878	.00093	-.00165	.00089	.00264	-.00074
2	.00095	-.00195	.00217	-.00054	.00126	-.00176	-.00074

lem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
nits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
vge	-.00005	.00040	-.00097	-.00061	-.00092	-.00154	-.01433
Dev	.00008	.00076	.00000	.00022	.00037	.00056	.00000
RSD	145.91	189.12	.00000	35.374	40.406	36.468	.00000
1	.00000	.00094	-.00097	-.00046	-.00118	-.00193	-.01433
2	-.00011	-.00014	-.00097	-.00077	-.00066	-.00114	-.01433

lem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
nits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
vge	-.00032	-.00318	-.00092	-.00339	-.10670	-.00091	-.00336
Dev	.00011	.00000	.00140	.00008	.07544	.00000	.00035
RSD	35.159	.00000	153.21	2.3525	70.711	.00000	10.481
1	-.00040	-.00318	-.00191	-.00333	-.16004	-.00091	-.00311
2	-.00024	-.00318	.00008	-.00344	-.05335	-.00091	-.00361

lem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
nits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
vge	-.02122	-.00163	.00386	.00061	.00033	-.00508	-.00061
Dev	.00449	.00063	.00048	.00316	.00027	.00029	.00103
RSD	21.132	38.571	12.488	516.25	80.339	5.6574	168.90
1	-.02440	-.00208	.00420	-.00162	.00052	-.00528	-.00134
2	-.01805	-.00119	.00352	.00284	.00014	-.00488	.00012

lem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
nits	ppm	ppm	ppm	ppm	ppm
vge	-.00272	-.00390	-.01995	.00038	-.00061
Dev	.00150	.00020	.00122	.00229	.00013
RSD	55.167	5.0508	6.1161	596.19	21.757
1	-.00378	-.00404	-.02081	.00200	-.00071
2	-.00166	-.00376	-.01909	-.00124	-.00052

00047

12/28/00

ethod: 6010B Sample Name: CRI Operator: AD
un Time: 12/28/00 09:51:41
omment: CRI
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02467	.01885	.00628	.00968	.12001	.01099	-.00079
SDev	.00387	.00346	.00067	.00167	.00013	.00560	.00007
%RSD	15.678	18.358	10.715	17.230	.10446	50.912	9.4281
#1	.02193	.01640	.00676	.00850	.12010	.00704	-.00074
#2	Q.02740	.02130	.00580	.01086	.11992	.01495	-.00084

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01017	.01110	.03795	.01974	.09763	.04655	-.00956
SDev	.00019	.00078	.02477	.00022	.00093	.00021	.00000
%RSD	1.8362	7.0697	65.271	1.0959	.95297	.45240	.00000
#1	.01004	.01055	.02043	.01959	.09697	.04670	-.00956
#2	.01031	.01166	.05546	.01989	.09829	.04640	-.00956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02954	-.00191	.07854	.01774	-.32009	.09877	.03750
SDev	.00022	.00180	.00016	.00064	.13203	.00129	.00035
%RSD	.75468	94.281	.20626	3.5812	41.248	1.3094	.93974
#1	.02939	-.00318	.07866	.01729	-.22673	.09786	.03775
#2	.02970	-.00064	.07843	.01819	-.41344	.09969	.03725

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00585	.11883	.11974	-.00462	.00985	.01054	.00776
SDev	.01380	.00021	.00080	.00443	.00120	.00191	.00155
%RSD	235.70	.17654	.66532	95.833	12.210	18.167	19.925
#1	-.01561	.11868	.12030	-.00149	.00900	.00918	.00666
#2	.00390	.11898	.11918	-.00775	.01070	.01189	.00885

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00068	-.00425	-.01632	-.00501	-.00033
SDev	.00045	.00069	.00091	.00185	.00040
%RSD	66.049	16.229	5.6045	36.979	121.22
#1	-.00036	-.00376	-.01696	-.00370	-.00061
#2	-.00100	-.00474	-.01567	-.00632	-.00005

MP
12/28/00
00043

ethod: 6010B Sample Name: ICSA1197 Operator: AD
un Time: 12/28/00 10:13:26
omment: ICSA
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	-.00289	.00276	-.00398	.00079	448.91	.00410
SDev	.00671	.00542	.00467	.00129	.00492	.02	.00000
%RSD	405.76	187.52	169.05	32.390	626.28	.00512	.00000
#1	-.00309	-.00673	Q.00606	-.00307	.00426	448.93	.00410
#2	.00640	.00094	-.00054	-.00490	-.00269	448.90	.00410

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	-.00103	425.44	.03640	.00645	.03078	181.88
SDev	.00000	.00178	1.13	.00076	.00000	.00058	.51
%RSD	.36761	172.52	.26554	2.0834	.00000	1.8827	.28048
#1	.00045	-.00229	426.24	.03587	.00645	.03037	182.25
#2	.00044	.00023	424.64	.03694	.00645	.03119	181.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04588	474.64	.01333	.00055	-.40011	-.00899	.02805
SDev	.00017	1.02	.00070	.00136	.01886	.00091	.00096
%RSD	.36230	.21499	5.2678	246.41	4.7140	10.086	3.4129
#1	.04576	475.36	.01382	-.00041	-.38677	-.00964	.02738
#2	.04599	473.92	.01283	.00151	-.41344	-.00835	.02873

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00683	-.00237	.00448	-.02634	.01569	-.00444	-.00526
SDev	.01173	.00357	.00763	.00192	.00617	.00271	.00058
%RSD	171.73	150.51	170.42	7.3000	39.302	61.021	11.067
#1	-.01513	.00015	.00987	-.02498	.02006	-.00253	-.00484
#2	.00146	-.00489	-.00092	-.02770	.01133	-.00636	-.00567

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.09366	-.00780	-.03026	.00763	.00066
SDev	.01005	.00315	.00183	.00475	.00007
%RSD	10.730	40.406	6.0464	62.207	10.102
#1	.08656	-.01003	-.03156	.00427	.00071
#2	.10077	-.00557	-.02897	.01099	.00061

12/28 00043

ɛthod: 6010B Sample Name: ICSAB596 Operator: AD
ın Time: 12/28/00 10:18:35
ɔmment: ICSAB
ɔde: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09496	.10613	.05086	.03884	.53604	452.07	.52124
SDev	.00577	.00073	.00043	.00339	.00185	2.23	.00305
%RSD	6.0792	.68572	.84071	8.7282	.34474	.49259	.58456
#1	.09087	.10665	.05117	.03644	.53735	453.65	.52339
#2	.09904	.10562	.05056	.04124	.53473	450.50	.51908

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42297	.91058	432.20	.46637	.44092	.57069	184.32
SDev	.00140	.00314	.71	.00098	.00037	.00421	.00
%RSD	.33110	.34474	.16333	.20919	.08440	.73677	.00000
#1	.42198	.90836	431.70	.46568	.44066	.57366	184.32
#2	.42396	.91280	432.70	.46706	.44118	.56772	184.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48756	477.16	.86879	.22576	.63205	.43192	.97287
SDev	.00040	1.19	.00059	.00100	.20514	.00043	.00355
%RSD	.08137	.25005	.06837	.44059	32.456	.09981	.36462
#1	.48728	478.01	.86837	.22506	.48700	.43222	.97036
#2	.48784	476.32	.86921	.22646	.77711	.43161	.97538

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00610	.54747	.51052	.02143	.06368	.03080	.04135
SDev	.00311	.00157	.00240	.00433	.00280	.01224	.00103
%RSD	50.912	.28737	.46977	20.200	4.4009	39.745	2.4912
#1	-.00829	.54858	.51222	.01837	.06566	.02215	.04208
#2	-.00390	.54636	.50883	.02449	.06170	.03946	.04062

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Jnits	ppm	ppm	ppm	ppm	ppm
Avge	.09792	-.00948	-.03459	-.00141	.00104
SDev	.00585	.00138	.00076	.00776	.00020
%RSD	5.9733	14.558	2.2033	550.48	19.285
#1	.09378	-.01045	-.03405	-.00690	.00090
#2	.10205	-.00850	-.03513	.00408	.00118

12/28/00

00050

ethod: 6010B Sample Name: CCV1 Operator: AD
un Time: 12/28/00 10:21:00
omment: CCV
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5303	2.3690	2.5004	2.5382	2.4150	4.7159	5.0450
SDev	.0241	.0418	.0220	.0090	.0211	.0218	.0140
%RSD	.95143	1.7654	.88035	.35369	.87574	.46151	.27693
#1	2.5473	2.3985	2.5160	2.5446	2.4300	4.7313	5.0548
#2	2.5133	2.3394	2.4849	2.5319	2.4001	4.7006	5.0351

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12401	1.2693	11.912	.47952	1.2105	.61696	2.4439
SDev	.00142	.0143	.160	.00433	.0099	.00189	.0236
%RSD	1.1467	1.1241	1.3399	.90352	.81471	.30669	.96769
#1	.12502	1.2794	12.025	.48258	1.2175	.61830	2.4606
#2	.12301	1.2592	11.799	.47646	1.2036	.61562	2.4271

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2032	11.670	1.2238	.59622	12.110	1.1903	1.2435
SDev	.0130	.063	.0063	.00538	.025	.0086	.0174
%RSD	1.0836	.53975	.51185	.90180	.21011	.72428	1.4023
#1	1.2124	11.715	1.2282	.60002	12.128	1.1963	1.2558
#2	1.1940	11.625	1.2194	.59241	12.092	1.1842	1.2312

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.435	2.4681	2.3060	2.5270	2.4856	2.6196	2.4962
SDev	.008	.0151	.0333	.0065	.0296	.0022	.0144
%RSD	.06939	.61204	1.4421	.25712	1.1919	.08422	.57803
#1	11.430	2.4788	2.3295	2.5316	2.5065	2.6180	2.5064
#2	11.441	2.4575	2.2825	2.5224	2.4646	2.6211	2.4860

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	2.4186	2.6225	2.0048	2.3585	2.3989
SDev	.0005	.0194	.0142	.0183	.0130
%RSD	.02021	.74023	.70781	.77688	.54168
#1	2.4183	2.6363	2.0148	2.3714	2.4081
#2	2.4190	2.6088	1.9947	2.3455	2.3898

12/28

00051

thod: 6010B Sample Name: CCB Operator: AD
n Time: 12/28/00 10:23:46
mment: CCB
de: CONC Corr. Factor: 1

lem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
nits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
vge	-.00006	-.00756	-.00088	.00004	.00098	-.00133	-.00032
Dev	.00032	.00027	.00110	.00138	.00069	.00063	.00015
RSD	568.76	3.5308	125.25	3098.7	69.946	47.136	47.140
1	-.00028	-.00738	-.00166	.00102	.00147	-.00177	-.00021
2	.00017	-.00775	-.00010	-.00093	.00050	-.00089	-.00042

lem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
nits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
vge	-.00003	.00025	.00778	.00015	-.00118	-.00243	-.01911
Dev	.00004	.00029	.00413	.00043	.00000	.00028	.00000
RSD	144.41	119.15	53.033	282.35	.00000	11.541	.00000
1	-.00005	.00004	.01070	-.00015	-.00118	-.00223	-.01911
2	.00000	.00046	.00486	.00046	-.00118	-.00263	-.01911

lem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
nits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
vge	-.00024	.00573	-.00053	.00016	-.31342	-.00061	-.00486
Dev	.00000	.00000	.00043	.00024	.02829	.00043	.00000
RSD	.00577	.00000	80.812	149.03	9.0269	70.906	.00000
1	-.00024	.00573	-.00023	-.00001	-.33342	-.00091	-.00486
2	-.00024	.00573	-.00084	.00033	-.29341	-.00030	-.00486

lem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
nits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
vge	-.01586	-.00148	.00329	.00050	-.00326	.00006	-.00146
Dev	.00587	.00063	.00080	.00031	.00180	.00756	.00584
RSD	36.987	42.432	24.348	60.780	55.399	12028.	398.85
1	-.02000	-.00104	.00386	.00072	-.00453	-.00528	.00267
2	-.01171	-.00193	.00273	.00029	-.00198	.00541	-.00559

lem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
nits	ppm	ppm	ppm	ppm	ppm
vge	-.00253	-.00167	-.03494	-.00185	-.00033
Dev	.00300	.00158	.00412	.00196	.00013
RSD	118.61	94.281	11.786	105.95	40.406
1	-.00041	-.00056	-.03203	-.00324	-.00024
2	-.00465	-.00279	-.03785	-.00046	-.00042

12/28/

00052

ɛthod: 6010B Sample Name: PBS Operator: AD
ın Time: 12/28/00 10:29:41
ɔmment: PBS
ɔde: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00140	-.00736	-.00041	-.00068	.00091	.00310	-.00053
SDev	.00142	.00311	.00274	.00158	.00044	.00063	.00000
%RSD	101.79	42.226	673.59	231.65	48.691	20.202	.00000
#1	.00240	-.00517	-.00234	-.00180	.00059	.00354	-.00053
#2	.00039	-.00956	.00153	.00044	.00122	.00266	-.00053

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.00047	.00195	.00015	-.00079	-.00253	-.02150
SDev	.00000	.00052	.00138	.00043	.00019	.00000	.00338
%RSD	.28731	109.05	70.711	282.35	23.570	.01813	15.713
#1	.00027	.00011	.00292	-.00015	-.00092	-.00253	-.01911
#2	.00027	.00084	.00097	.00046	-.00066	-.00253	-.02389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.00191	-.00057	.00038	-.14004	-.00061	-.00523
SDev	.00000	.00180	.00157	.00008	.08488	.00043	.00018
%RSD	.16150	94.281	273.41	20.316	60.609	70.980	3.3765
#1	-.00024	.00318	-.00168	.00033	-.20005	-.00091	-.00535
#2	-.00024	.00064	.00053	.00044	-.08002	-.00030	-.00510

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02391	-.00200	.00392	-.00205	-.00127	-.00102	-.00201
SDev	.00345	.00115	.00072	.00514	.00154	.00354	.00060
%RSD	14.431	57.611	18.399	250.35	120.97	346.76	29.826
#1	-.02635	-.00282	.00443	-.00569	-.00236	-.00353	-.00244
#2	-.02147	-.00119	.00341	.00158	-.00018	.00148	-.00159

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00551	-.00355	-.03581	.00069	-.00066
SDev	.00088	.00010	.00168	.00534	.00033
%RSD	16.044	2.7730	4.6864	772.17	50.508
#1	-.00613	-.00348	-.03462	-.00309	-.00090
#2	-.00488	-.00362	-.03699	.00447	-.00042

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00053

ethod: 6010B Sample Name: LCSS Operator: AD
un Time: 12/28/00 10:34:21
omment: LCSS
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8959	.19434	1.2012	.20418	1.0608	1.5511	.02895
SDev	.0511	.00246	.0211	.00208	.0049	.0125	.00022
%RSD	1.0447	1.2653	1.7550	1.0168	.46442	.80720	.76999
#1	4.9320	.19608	1.2161	.20564	1.0642	1.5600	.02911
#2	4.8597	.19260	1.1863	.20271	1.0573	1.5423	.02880

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08574	.21767	747.73	.48289	.69829	33.355	103.07
SDev	.00121	.00328	13.78	.00802	.00893	.212	1.59
%RSD	1.4130	1.5066	1.8432	1.6607	1.2791	.63583	1.5439
#1	.08660	.21999	757.48	.48856	.70461	33.505	104.19
#2	.08489	.21535	737.98	.47722	.69197	33.205	101.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99513	539.32	.28722	.10421	.62011	.31286	.95577
SDev	.01555	6.09	.00205	.00119	.32221	.00374	.01362
%RSD	1.5627	1.1287	.71443	1.1443	51.960	1.1955	1.4251
#1	1.0061	543.63	.28867	.10505	.84795	.31550	.96540
#2	.98414	535.02	.28577	.10337	.39227	.31021	.94614

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40764	1.0867	1.0060	1.2421	1.1793	.21381	.19805
SDev	.01277	.0050	.0044	.0199	.0217	.00393	.00115
%RSD	3.1314	.46333	.44168	1.6049	1.8361	1.8374	.58116
#1	.39862	1.0902	1.0092	1.2562	1.1946	.21659	.19886
#2	.41667	1.0831	1.0029	1.2280	1.1640	.21104	.19724

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01952	.25196	1.8978	.02386	.08472
SDev	.00017	.00236	.0226	.00104	.00087
%RSD	.86896	.93865	1.1900	4.3581	1.0225
#1	.01940	.25363	1.9138	.02313	.08534
#2	.01964	.25029	1.8818	.02460	.08411

MD 12/28/00

ɛthod: 6010B Sample Name: L2566-01 Operator: AD
ın Time: 12/28/00 10:37:08
ɔmment:
ɔde: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ʌvge	.02595	.00649	.95329	.00462	.00363	55.366	.73228
ʒDev	.00181	.00218	.01815	.00034	.00220	.466	.00439
ʒRSD	6.9901	33.557	1.9043	7.3911	60.649	.84126	.59877
♯1	.02466	.00803	.94045	.00486	.00519	55.037	.72918
♯2	.02723	.00495	.96612	.00438	.00208	55.695	.73538

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ʌvge	.00297	.18506	32.015	.08506	.04592	.24184	76.178
ʒDev	.00004	.00113	.351	.00032	.00037	.00154	.669
ʒRSD	1.2057	.60958	1.0960	.38175	.81044	.63605	.87812
♯1	.00295	.18426	31.767	.08483	.04566	.24075	75.705
♯2	.00300	.18586	32.263	.08529	.04618	.24293	76.651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ʌvge	1.6700	21.344	.13498	.00660	-.26007	.24755	.81138
ʒDev	.0140	.180	.00221	.00073	.12260	.00123	.01032
ʒRSD	.83896	.84317	1.6402	11.077	47.140	.49871	1.2715
♯1	1.6601	21.217	.13341	.00712	-.17338	.24667	.80409
♯2	1.6799	21.471	.13654	.00608	-.34676	.24842	.81868

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ʌvge	4.5099	.00164	.00501	.99124	.93247	.00346	.00370
ʒDev	.0224	.00105	.00452	.01833	.01807	.00733	.00315
ʒRSD	.49723	64.126	90.207	1.8495	1.9373	211.74	85.148
♯1	4.4941	.00238	.00820	.97827	.91969	.00864	.00147
♯2	4.5258	.00089	.00181	1.0042	.94524	-.00172	.00592

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Jnits	ppm	ppm	ppm	ppm	ppm
ʌvge	.09727	-.00160	.93279	.01710	1.2679
ʒDev	.00555	.00108	.00901	.00482	.0024
ʒRSD	5.7102	67.636	.96583	28.195	.18921
♯1	.10120	-.00084	.92642	.02051	1.2662
♯2	.09334	-.00237	.93916	.01369	1.2696

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00055

ethod: 6010B Sample Name: L2566-02 Operator: AD
un Time: 12/28/00 10:39:48
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01450	-.00433	.06671	.00503	.00456	33.827	.72587
SDev	.00174	.00079	.00252	.00362	.00136	.510	.00929
%RSD	11.985	18.321	3.7844	72.049	29.755	1.5065	1.2798
#1	.01573	-.00377	.06850	.00759	.00551	33.467	.71930
#2	.01327	-.00489	.06493	.00247	.00360	34.188	.73243

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00466	-.00099	3.3062	.05346	.08908	.04494	79.995
SDev	.00015	.00116	.0509	.00022	.00186	.00060	1.696
%RSD	3.2410	117.42	1.5399	.40596	2.0889	1.3385	2.1201
#1	.00455	-.00017	3.2702	.05361	.08776	.04536	78.796
#2	.00477	-.00180	3.3422	.05331	.09039	.04451	81.194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.1025	2.4917	.04204	.00467	.13337	.10362	.19732
SDev	.0601	.0117	.00286	.00130	.09431	.00071	.00369
%RSD	1.9384	.46948	6.8077	27.867	70.711	.68809	1.8696
#1	3.0600	2.4834	.04406	.00559	.20005	.10312	.19471
#2	3.1450	2.4999	.04002	.00375	.06668	.10413	.19993

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6611	.00097	.00912	.08297	.05672	.00125	.00542
SDev	.0252	.00010	.00428	.00454	.00152	.00634	.00227
%RSD	1.5162	10.794	46.952	5.4705	2.6780	507.14	41.864
#1	1.6789	.00089	.01214	.08618	.05780	.00573	.00702
#2	1.6433	.00104	.00609	.07976	.05565	-.00323	.00381

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.07407	-.00153	4.3764	.01425	1.6998
SDev	.01002	.00197	.0696	.00155	.0082
%RSD	13.536	128.56	1.5903	10.911	.48222
#1	.08116	-.00014	4.3272	.01535	1.6940
#2	.06698	-.00293	4.4257	.01315	1.7056

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00056

ethod: 6010B Sample Name: L2566-03 Operator: AD
un Time: 12/28/00 10:44:39
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02953	-.00749	.12286	.00685	.00475	10.047	.50868
SDev	.00071	.00246	.00311	.00318	.00160	.016	.00267
%RSD	2.4056	32.790	2.5316	46.483	33.612	.16201	.52595
#1	.03003	-.00576	.12506	.00460	.00588	10.035	.50679
#2	.02902	-.00923	.12066	.00910	.00362	10.058	.51057

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	.02296	28.369	.04258	.00737	.08859	47.217
SDev	.00012	.00039	.127	.00022	.00019	.00055	.084
%RSD	9.0402	1.6832	.44623	.50873	2.5254	.62343	.17888
#1	.00119	.02269	28.459	.04274	.00750	.08820	47.277
#2	.00135	.02323	28.280	.04243	.00724	.08898	47.157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17464	2.8257	.03165	.00250	.30008	.08608	.19868
SDev	.00079	.0036	.00103	.00020	.04715	.00042	.00175
%RSD	.45169	.12738	3.2413	7.8867	15.713	.49220	.88209
#1	.17520	2.8232	.03238	.00263	.26674	.08638	.19991
#2	.17408	2.8283	.03093	.00236	.33342	.08578	.19744

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74284	.00364	.00435	.13481	.11521	-.00007	.00880
SDev	.01001	.00283	.00088	.00550	.00192	.00343	.00306
%RSD	1.3469	77.885	20.269	4.0806	1.6638	5042.4	34.793
#1	.74991	.00564	.00372	.13870	.11656	-.00249	.00664
#2	.73576	.00163	.00497	.13092	.11385	.00235	.01097

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.04525	.01791	3.7479	.00804	.58840
SDev	.00175	.00089	.0031	.00219	.00027
%RSD	3.8603	4.9525	.08138	27.211	.04531
#1	.04648	.01728	3.7458	.00959	.58859
#2	.04401	.01853	3.7501	.00650	.58822

12/28/

ethod: 6010B Sample Name: L2566-04 Operator: AD
un Time: 12/28/00 10:47:25
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01435	-.00205	1.7557	.00602	.01629	42.380	1.8792
SDev	.00016	.00316	.0133	.00032	.00392	.041	.0011
%RSD	1.0989	153.77	.75746	5.3739	24.070	.09749	.05931
#1	.01446	-.00429	1.7463	.00579	.01351	42.351	1.8784
#2	.01424	.00018	1.7651	.00625	.01906	42.409	1.8800

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00311	.18183	121.72	.11920	.04105	1.1095	67.993
SDev	.00004	.00154	.36	.00065	.00056	.0032	.128
%RSD	1.2232	.84766	.29620	.54559	1.3598	.29172	.18882
#1	.00314	.18074	121.46	.11966	.04145	1.1072	67.903
#2	.00308	.18292	121.97	.11874	.04066	1.1118	68.084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6120	12.308	.08435	.00494	-.07111	.17114	3.9872
SDev	.0042	.025	.00005	.00066	.03352	.00001	.0109
%RSD	.26357	.20471	.06402	13.299	47.141	.00660	.27357
#1	1.6090	12.290	.08439	.00540	-.09481	.17115	3.9795
#2	1.6150	12.325	.08431	.00447	-.04740	.17113	3.9949

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.7717	.01439	.01745	1.8314	1.7161	.00066	.00729
SDev	.0135	.00504	.00169	.0117	.0141	.00160	.00142
%RSD	.35673	34.981	9.6632	.64076	.82046	242.33	19.428
#1	3.7813	.01083	.01625	1.8231	1.7061	.00179	.00629
#2	3.7622	.01795	.01864	1.8397	1.7261	-.00047	.00829

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.07460	.00927	7.1538	.03667	2.3122
SDev	.00405	.00128	.0104	.00282	.0075
%RSD	5.4229	13.823	.14503	7.6915	.32568
#1	.07746	.00836	7.1465	.03867	2.3175
#2	.07174	.01017	7.1612	.03468	2.3068

MD 12/28

00058

ɜthod: 6010B Sample Name: L2566-05 Operator: AD
ın Time: 12/28/00 10:50:23
ɔmment:
ɔde: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05782	-.00865	41.223	.00200	.00576	1.6277	.87001
SDev	.00261	.00287	.152	.00048	.00021	.0006	.00208
%RSD	4.5047	33.219	.36972	23.938	3.6152	.03846	.23917
#1	.05966	-.00662	41.115	.00166	.00561	1.6273	.87148
#2	.05598	-.01069	41.331	.00234	.00590	1.6282	.86854

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	1.0613	H692.68	.01847	.01711	.04391	15.456
SDev	.00015	.0066	4.20	.00011	.00056	.00029	.061
%RSD	20.938	.62262	.60588	.58615	3.2636	.65196	.39345
#1	.00062	1.0660	H695.65	.01854	.01750	.04411	15.499
#2	.00084	1.0567	H689.71	.01839	.01671	.04371	15.413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26542	59.955	.12864	.00078	2.9628	.01266	.32435
SDev	.00179	.076	.00005	.00013	.0503	.00043	.00105
%RSD	.67415	.12758	.04198	16.862	1.6971	3.3623	.32336
#1	.26669	60.009	.12868	.00069	2.9272	.01296	.32510
#2	.26416	59.901	.12860	.00087	2.9983	.01236	.32361

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63354	.00312	.00842	42.955	40.357	.00457	-.00078
SDev	.00380	.00210	.00482	.126	.166	.00113	.00015
%RSD	.59902	67.336	57.258	.29279	.41062	24.855	19.355
#1	.63623	.00460	.00501	42.866	40.240	.00376	-.00089
#2	.63086	.00163	.01183	43.044	40.474	.00537	-.00067

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01040	-.00063	.91843	.01788	.07756
SDev	.00179	.00010	.00503	.00230	.00020
%RSD	17.173	15.713	.54815	12.842	.25775
#1	.01166	-.00070	.92199	.01950	.07742
#2	.00913	-.00056	.91487	.01626	.07770

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00059

ethod: 6010B Sample Name: L2566-06 Operator: AD
un Time: 12/28/00 10:53:12
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02583	.00122	.04771	.00030	.00580	44.844	.22097
SDev	.00205	.00130	.00173	.00257	.00115	.027	.00007
%RSD	7.9469	106.58	3.6246	848.72	19.793	.06003	.03364
#1	.02728	.00215	.04893	.00212	.00661	44.863	.22102
#2	.02438	.00030	.04649	-.00151	.00499	44.825	.22092

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00399	-.00144	24.540	.09828	.06145	.26558	117.62
SDev	.00004	.00074	.028	.00011	.00037	.00071	.09
%RSD	.95485	51.352	.11215	.11029	.60566	.26718	.07468
#1	.00396	-.00092	24.559	.09835	.06171	.26608	117.68
#2	.00401	-.00197	24.520	.09820	.06118	.26508	117.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3401	14.340	.06682	.00397	3.6146	.16372	.18086
SDev	.0011	.009	.00173	.00036	.0335	.00001	.00089
%RSD	.08391	.06275	2.5860	8.9922	.92735	.00472	.49248
#1	1.3409	14.346	.06804	.00422	3.5909	.16372	.18023
#2	1.3393	14.333	.06560	.00372	3.6383	.16373	.18149

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7228	.00236	.01008	.06824	.03559	-.00377	.00084
SDev	.0034	.00409	.00475	.00335	.00092	.00490	.00140
%RSD	.20025	173.62	47.095	4.9030	2.5915	129.89	167.36
#1	1.7252	.00525	.00672	.07061	.03624	-.00031	.00183
#2	1.7204	-.00054	.01343	.06588	.03494	-.00724	-.00015

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	1.2619	-.00279	3.7956	.01235	2.0683
SDev	.0059	.00000	.0085	.00230	.0009
%RSD	.46642	.00000	.22505	18.615	.04511
#1	1.2578	-.00279	3.8017	.01398	2.0690
#2	1.2661	-.00279	3.7896	.01073	2.0676

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ethod: 6010B Sample Name: L2566-07 Operator: AD
un Time: 12/28/00 10:57:57
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01483	-.00607	.45768	.00663	.00737	35.691	.58955
SDev	.00142	.00125	.00122	.00001	.00194	.008	.00052
%RSD	9.5846	20.666	.26583	.19499	26.399	.02106	.08824
#1	.01382	-.00696	.45682	.00664	.00599	35.696	.58992
#2	.01583	-.00518	.45854	.00662	.00874	35.686	.58918

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00425	.04775	21.650	.07468	.03711	.17089	66.565
SDev	.00011	.00016	.091	.00032	.00019	.00081	.297
%RSD	2.6492	.34242	.41948	.43581	.50149	.47484	.44664
#1	.00417	.04786	21.586	.07491	.03697	.17146	66.355
#2	.00433	.04763	21.714	.07445	.03724	.17032	66.775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2741	6.7859	.05960	.00300	1.9614	.13407	1.6252
SDev	.0055	.0018	.00027	.00003	.0084	.00084	.0097
%RSD	.43103	.02652	.45298	.83236	.42726	.62362	.59420
#1	1.2703	6.7846	.05941	.00302	1.9673	.13348	1.6184
#2	1.2780	6.7872	.05980	.00299	1.9554	.13466	1.6320

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4310	.00482	.00984	.48707	.44113	.00276	.00706
SDev	.0086	.00011	.00563	.00117	.00241	.00299	.00147
%RSD	.35480	2.1694	57.244	.24021	.54591	108.62	20.881
#1	2.4371	.00475	.00586	.48790	.43942	.00487	.00602
#2	2.4249	.00490	.01382	.48624	.44283	.00064	.00811

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.06100	-.00028	3.2833	.02077	1.5862
SDev	.00550	.00000	.0058	.00276	.0054
%RSD	9.0191	.00000	.17664	13.266	.34029
#1	.06489	-.00028	3.2792	.01882	1.5900
#2	.05711	-.00028	3.2874	.02272	1.5824

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ɛthod: 6010B Sample Name: L2566-08 Operator: AD
ın Time: 12/28/00 11:00:40
ɔmment:
ɔde: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00693	-.01132	4.6038	.00527	.01695	7.8123	5.5670
SDev	.00047	.00197	.0105	.00042	.00057	.0188	.0077
%RSD	6.8350	17.427	.22723	7.9623	3.3603	.24041	.13883
#1	.00660	-.01272	4.5964	.00556	.01735	7.8256	5.5724
#2	.00727	-.00993	4.6112	.00497	.01655	7.7990	5.5615

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00181	2.1331	354.49	.19847	.00895	.59322	17.152
SDev	.00012	.0014	.92	.00065	.00056	.00028	.000
%RSD	6.3574	.06668	.26085	.32774	6.2392	.04728	.00000
#1	.00173	2.1321	355.14	.19801	.00855	.59302	17.152
#2	.00189	2.1341	353.83	.19893	.00934	.59342	17.152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59955	63.336	.05128	.00362	1.6355	.08690	1.9006
SDev	.00167	.048	.00059	.00040	.1006	.00043	.0030
%RSD	.27882	.07530	1.1583	10.967	6.1488	.49613	.15753
#1	.60073	63.370	.05170	.00390	1.7066	.08720	1.9027
#2	.59837	63.303	.05086	.00334	1.5644	.08659	1.8985

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.83554	.01328	.02168	4.8063	4.5008	.00412	.00453
SDev	.00793	.00115	.00402	.0443	.0064	.00057	.00034
%RSD	.94969	8.6909	18.553	.92110	.14261	13.895	7.5737
#1	.84115	.01246	.02452	4.7750	4.5054	.00453	.00477
#2	.82993	.01409	.01883	4.8376	4.4963	.00372	.00428

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.07362	.00481	2.7584	.01983	.29408
SDev	.00015	.00128	.0040	.00185	.00093
%RSD	.20372	26.645	.14381	9.3513	.31724
#1	.07372	.00390	2.7613	.02114	.29474
#2	.07351	.00571	2.7556	.01852	.29342

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ethod: 6010B Sample Name: CCV1 Operator: AD
un Time: 12/28/00 11:03:44
omment: CCV
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4498	2.4369	2.4522	2.3536	2.4785	4.8123	5.0627
SDev	.0240	.0251	.0119	.0065	.0055	.0294	.0395
%RSD	.97986	1.0319	.48635	.27592	.22068	.61127	.77935
#1	2.4668	2.4547	2.4606	2.3582	2.4824	4.8331	5.0906
#2	2.4328	2.4191	2.4438	2.3490	2.4746	4.7915	5.0348

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12637	1.2460	12.254	.49959	1.2387	.61264	2.4586
SDev	.00126	.0109	.168	.00492	.0142	.00212	.0448
%RSD	.99843	.87512	1.3694	.98406	1.1440	.34600	1.8221
#1	.12726	1.2537	12.373	.50306	1.2487	.61414	2.4903
#2	.12548	1.2383	12.135	.49611	1.2286	.61114	2.4269

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2552	12.157	1.2354	.61100	13.320	1.2438	1.2602
SDev	.0137	.077	.0182	.00711	.120	.0166	.0127
%RSD	1.0884	.63177	1.4770	1.1642	.90252	1.3348	1.0091
#1	1.2649	12.211	1.2483	.61603	13.405	1.2555	1.2692
#2	1.2455	12.102	1.2225	.60597	13.235	1.2321	1.2512

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.526	2.4791	2.4747	2.4323	2.4606	2.3316	2.3633
SDev	.072	.0051	.0062	.0062	.0148	.0013	.0103
%RSD	.57817	.20502	.25236	.25333	.60164	.05630	.43411
#1	12.578	2.4827	2.4791	2.4367	2.4711	2.3306	2.3705
#2	12.475	2.4755	2.4703	2.4279	2.4502	2.3325	2.3560

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	2.4659	2.5239	2.7469	2.4591	2.4976
SDev	.0102	.0114	.0216	.0249	.0215
%RSD	.41392	.45150	.78591	1.0109	.86281
#1	2.4731	2.5319	2.7622	2.4766	2.5129
#2	2.4587	2.5158	2.7316	2.4415	2.4824

00063

12/28/00

ethod: 6010B Sample Name: CCB Operator: AD
un Time: 12/28/00 11:08:32
omment: CCB
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00143	-.00663	-.00007	-.00005	.00215	-.00513	.00044
SDev	.00210	.00308	.00206	.00143	.00049	.00330	.00000
%RSD	147.07	46.475	3027.2	2996.2	22.859	64.283	.00000
#1	-.00006	-.00881	.00139	-.00106	.00250	-.00280	.00044
#2	.00291	-.00445	-.00152	.00096	.00180	-.00746	.00044

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.00115	.02683	.00075	-.00028	-.00334	-.00975
SDev	.00004	.00065	.00146	.00082	.00020	.00014	.00689
%RSD	27.915	56.752	5.4393	109.94	70.711	4.0815	70.711
#1	-.00017	.00069	.02786	.00017	-.00042	-.00324	-.01462
#2	-.00011	.00161	.02580	.00133	-.00014	-.00343	-.00487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00550	-.00016	.00006	.08587	-.00067	-.00514
SDev	.00000	.00292	.00011	.00045	.06539	.00047	.00018
%RSD	.80626	53.033	70.711	765.61	76.150	70.711	3.5203
#1	.00008	.00344	-.00008	-.00026	.13210	-.00101	-.00527
#2	.00009	.00756	-.00024	.00037	.03963	-.00034	-.00501

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00415	-.00210	.00803	-.00161	-.00098	.00266	-.00290
SDev	.01414	.00148	.00149	.00258	.00179	.00430	.00000
%RSD	341.07	70.750	18.575	160.06	182.40	161.23	.06466
#1	-.01415	-.00105	.00698	.00021	.00029	-.00037	-.00290
#2	.00585	-.00314	.00909	-.00344	-.00225	.00570	-.00290

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01683	.00690	-.05715	.00284	.00010
SDev	.00638	.00501	.00067	.00615	.00037
%RSD	37.918	72.693	1.1707	216.40	353.55
#1	.02135	.01044	-.05762	-.00151	-.00016
#2	.01232	.00335	-.05668	.00720	.00036

ethod: 6010B Sample Name: L2566-09 Operator: AD
ın Time: 12/28/00 11:13:41
›mment:
›de: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01491	-.00700	13.236	.00218	.04031	17.587	.43084
SDev	.00078	.00569	.136	.00032	.00010	.123	.00246
%RSD	5.2117	81.273	1.0309	14.679	.25916	.69769	.57125
#1	.01436	-.00298	13.140	.00240	.04038	17.500	.42910
#2	.01546	-.01102	13.333	.00195	.04024	17.673	.43258

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.26050	219.37	.39202	.01280	.07283	35.046
SDev	.00004	.00308	3.02	.00668	.00059	.00065	.376
%RSD	27.819	1.1825	1.3763	1.7039	4.6116	.89648	1.0718
#1	.00017	.25832	217.23	.38730	.01322	.07237	34.781
#2	.00012	.26268	221.50	.39675	.01239	.07329	35.312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31556	14.943	.05480	.00116	.35667	.05932	.38837
SDev	.00321	.099	.00306	.00063	.07473	.00044	.00450
%RSD	1.0185	.66361	5.5838	54.081	20.951	.74414	1.1589
#1	.31328	14.873	.05696	.00161	.40951	.05901	.38519
#2	.31783	15.013	.05263	.00072	.30383	.05963	.39156

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0353	.03684	.04464	13.517	13.094	.00199	.00077
SDev	.0055	.00127	.00223	.079	.165	.00088	.00004
%RSD	.53316	3.4499	4.9989	.58722	1.2598	44.112	5.3373
#1	1.0392	.03773	.04307	13.461	12.977	.00261	.00080
#2	1.0314	.03594	.04622	13.574	13.211	.00137	.00074

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.03453	-.00077	2.4692	.02603	.61823
SDev	.00584	.00201	.0172	.00244	.00213
%RSD	16.923	259.27	.69812	9.3844	.34383
#1	.03866	.00064	2.4570	.02776	.61673
#2	.03040	-.00219	2.4814	.02430	.61973

00065

12/28

ɛthod: 6010B Sample Name: L2566-10 Operator: AD
ın Time: 12/28/00 11:16:23
ɔmment:
ɔde: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04400	-.00830	1.0445	.00844	.01708	20.644	1.4828
SDev	.00435	.00308	.0180	.00248	.00161	.127	.0053
%RSD	9.8879	37.177	1.7192	29.413	9.4272	.61353	.35790
#1	.04708	-.01048	1.0318	.01019	.01594	20.554	1.4791
#2	.04092	-.00612	1.0572	.00668	.01822	20.733	1.4866

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00175	.29965	117.66	.04380	.01990	.34892	52.022
SDev	.00000	.00218	1.57	.00012	.00039	.00114	.503
%RSD	.09314	.72857	1.3344	.26831	1.9779	.32793	.96710
#1	.00175	.29811	116.55	.04388	.02018	.34811	51.667
#2	.00175	.30120	118.77	.04371	.01962	.34973	52.378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2153	13.754	.06459	.00009	.16757	.11721	5.2372
SDev	.0118	.084	.00100	.00048	.05351	.00090	.0616
%RSD	.96788	.60790	1.5503	550.92	31.934	.77184	1.1755
#1	1.2070	13.694	.06530	.00043	.20541	.11657	5.1937
#2	1.2236	13.813	.06388	-.00025	.12973	.11785	5.2808

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3534	.01311	.02241	1.0677	1.0311	.00394	.00927
SDev	.0034	.00265	.00047	.0126	.0205	.00462	.00128
%RSD	.25491	20.194	2.0824	1.1801	1.9879	117.12	13.818
#1	1.3510	.01123	.02274	1.0588	1.0166	.00721	.01018
#2	1.3559	.01498	.02208	1.0766	1.0456	.00068	.00837

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.09712	.00013	4.8371	.02969	.98835
SDev	.00569	.00146	.0315	.00054	.00323
%RSD	5.8607	1131.4	.65058	1.8070	.32632
#1	.10115	.00116	4.8148	.03007	.98607
#2	.09310	-.00090	4.8593	.02931	.99063

03066

ethod: 6010B Sample Name: L2566-11 Operator: AD
un Time: 12/28/00 11:20:03
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04532	-.00734	.69857	.00646	.01532	30.915	.60058
SDev	.00194	.00191	.00002	.00206	.00182	.156	.00362
%RSD	4.2847	26.082	.00243	31.955	11.883	.50359	.60190
#1	.04395	-.00870	.69856	.00500	.01403	30.805	.59802
#2	.04670	-.00599	.69858	.00792	.01661	31.025	.60314

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00226	.03846	21.013	.07726	.03451	.32458	73.750
SDev	.00012	.00023	.064	.00105	.00020	.00140	.279
%RSD	5.2511	.59911	.30555	1.3652	.57025	.42996	.37848
#1	.00218	.03862	20.968	.07801	.03465	.32360	73.553
#2	.00235	.03830	21.058	.07651	.03437	.32557	73.947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3926	11.340	.07183	.00034	4.9135	.15824	.51889
SDev	.0052	.015	.00033	.00094	.1147	.00003	.00094
%RSD	.37016	.12859	.46469	279.71	2.3337	.01552	.18112
#1	1.3890	11.330	.07159	.00100	4.8324	.15826	.51955
#2	1.3962	11.350	.07206	-.00033	4.9946	.15822	.51822

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0109	.01064	.02207	.71751	.68743	.00149	.00744
SDev	.0045	.00085	.00716	.00130	.00062	.00190	.00215
%RSD	.22303	7.9664	32.454	.18117	.09071	127.72	28.833
#1	2.0077	.01123	.01701	.71659	.68787	.00014	.00592
#2	2.0141	.01004	.02714	.71842	.68698	.00283	.00895

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.08984	.00406	5.5144	.02992	1.5226
SDev	.00481	.00137	.0082	.00079	.0007
%RSD	5.3486	33.672	.14877	2.6552	.04814
#1	.09324	.00309	5.5086	.03048	1.5221
#2	.08644	.00503	5.5202	.02936	1.5231

00067

12/28

ethod: 6010B Sample Name: L2566-12 Operator: AD
un Time: 12/28/00 11:22:50
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05577	-.00426	.32312	.00690	.01229	30.323	.28128
SDev	.00039	.00595	.00259	.00302	.00092	.052	.00061
%RSD	.69598	139.83	.80121	43.815	7.5007	.17186	.21876
#1	.05604	-.00846	.32129	.00477	.01163	30.360	.28172
#2	.05549	-.00005	.32495	.00904	.01294	30.286	.28085

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00193	.00213	7.7593	.06174	.01920	.30422	63.750
SDev	.00004	.00029	.0131	.00047	.00098	.00178	.003
%RSD	2.0953	13.661	.16925	.75897	5.1240	.58427	.00541
#1	.00190	.00233	7.7500	.06207	.01851	.30548	63.748
#2	.00196	.00192	7.7686	.06141	.01990	.30297	63.752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49927	7.3673	.04638	.00116	5.1784	.21850	.20478
SDev	.00061	.0097	.00150	.00044	.0000	.00047	.00073
%RSD	.12225	.13196	3.2387	37.935	.00000	.21729	.35513
#1	.49970	7.3741	.04744	.00148	5.1784	.21884	.20530
#2	.49883	7.3604	.04532	.00085	5.1784	.21816	.20427

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.9316	.00876	.01672	.33577	.31512	.00130	.00820
SDev	.0128	.00011	.00298	.00275	.00251	.00053	.00427
%RSD	.43543	1.2087	17.821	.81782	.79666	40.558	52.083
#1	2.9406	.00884	.01461	.33383	.31334	.00093	.00518
#2	2.9225	.00869	.01883	.33771	.31689	.00168	.01122

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.04822	.00103	4.4056	.02906	1.1496
SDev	.00058	.00036	.0038	.00296	.0051
%RSD	1.2040	35.355	.08736	10.186	.44630
#1	.04863	.00129	4.4083	.03116	1.1533
#2	.04781	.00077	4.4029	.02697	1.1460

00063

ethod: 6010B Sample Name: L2566-13 Operator: AD
un Time: 12/28/00 11:25:34
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00701	-.00990	.04012	.00422	.00195	15.883	.10061
SDev	.00373	.00917	.00167	.00475	.00188	.035	.00046
%RSD	53.221	92.674	4.1692	112.60	96.183	.22013	.45866
#1	.00964	-.01638	.04130	.00086	.00063	15.907	.10094
#2	.00437	-.00341	.03893	.00758	.00328	15.858	.10029

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	-.00119	2.4176	.01672	.00237	.02516	16.187
SDev	.00004	.00002	.0058	.00070	.00000	.00013	.031
%RSD	4.3720	1.4583	.24144	4.2042	.00000	.53135	.19161
#1	.00093	-.00118	2.4217	.01623	.00237	.02506	16.209
#2	.00088	-.00120	2.4134	.01722	.00237	.02525	16.165

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05101	1.5240	.00637	.00039	5.3027	.04118	.05577
SDev	.00024	.0000	.00178	.00001	.1300	.00000	.00055
%RSD	.46982	.00000	27.935	3.6010	2.4507	.00663	.98389
#1	.05084	1.5240	.00511	.00040	5.2108	.04118	.05538
#2	.05118	1.5240	.00763	.00038	5.3946	.04119	.05616

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60817	-.00135	.00575	.04612	.03524	-.00217	.00601
SDev	.01138	.00021	.00633	.00821	.00159	.00034	.00682
%RSD	1.8720	15.722	110.13	17.804	4.5173	15.856	113.59
#1	.61622	-.00120	.00127	.05193	.03412	-.00241	.00118
#2	.60012	-.00150	.01023	.04032	.03637	-.00193	.01083

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00961	-.00251	3.6110	.00885	.30196
SDev	.00119	.00046	.0020	.00202	.00227
%RSD	12.381	18.131	.05560	22.786	.75250
#1	.01045	-.00284	3.6124	.01027	.30357
#2	.00877	-.00219	3.6096	.00742	.30036

00069

Method: 6010B Sample Name: L2566-14 Operator: AD
Run Time: 12/28/00 11:28:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04426	-.00915	.34674	.00697	.01070	25.216	.58481
SDev	.00505	.00004	.00327	.00238	.00091	.235	.00177
%RSD	11.413	.41483	.94276	34.188	8.5196	.93133	.30249
#1	.04069	-.00912	.34905	.00528	.01005	25.382	.58606
#2	.04783	-.00918	.34443	.00865	.01134	25.050	.58356

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00308	.00080	13.235	.06335	.01893	.74544	66.669
SDev	.00008	.00012	.131	.00059	.00059	.00347	.527
%RSD	2.6265	14.473	.99228	.92448	3.1196	.46572	.79082
#1	.00302	.00072	13.328	.06376	.01851	.74789	67.042
#2	.00313	.00088	13.142	.06294	.01934	.74298	66.296

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43016	4.9021	.05200	-.00041	5.0216	.12598	.22161
SDev	.00335	.0369	.00089	.00033	.1147	.00090	.00012
%RSD	.77996	.75362	1.7116	80.308	2.2834	.71640	.05552
#1	.43253	4.9282	.05137	-.00018	5.1027	.12662	.22169
#2	.42779	4.8760	.05263	-.00064	4.9405	.12534	.22152

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4910	.00809	.01330	.35946	.33860	.00519	.00636
SDev	.0266	.00064	.00401	.00189	.00571	.00102	.00306
%RSD	1.0664	7.8555	30.158	.52670	1.6874	19.633	48.186
#1	2.5098	.00854	.01046	.35812	.34264	.00447	.00419
#2	2.4722	.00764	.01613	.36080	.33456	.00591	.00852

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.04063	.00425	4.1322	.01811	1.0435
SDev	.00099	.00055	.0397	.00029	.0042
%RSD	2.4269	12.856	.95980	1.6187	.40037
#1	.04133	.00387	4.1603	.01790	1.0465
#2	.03993	.00464	4.1042	.01832	1.0406

00070

12/28/

ɛthod: 6010B Sample Name: L2566-15 Operator: AD
ın Time: 12/28/00 11:30:59
ɔmment:
ɔde: CONC Corr. Factor: 1

;lem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ıvge	.03129	-.00485	1.3660	.00473	.00762	46.991	1.0723
;Dev	.00256	.00620	.0023	.00116	.00030	.322	.0049
;RSD	8.1887	127.88	.16951	24.605	3.9742	.68506	.45907
ɨ1	.03310	-.00046	1.3644	.00391	.00741	47.219	1.0757
ɨ2	.02948	-.00923	1.3677	.00556	.00784	46.764	1.0688

;lem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ıvge	.00393	.14810	36.214	.12043	.02547	.23267	60.811
;Dev	.00012	.00168	.204	.00023	.00039	.00098	.279
;RSD	3.0206	1.1324	.56412	.19462	1.5456	.42347	.45900
ɨ1	.00385	.14929	36.358	.12060	.02519	.23337	61.009
ɨ2	.00401	.14692	36.069	.12027	.02574	.23197	60.614

;lem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ıvge	.83045	14.730	.09437	-.00015	4.5405	.16474	.68900
;Dev	.00418	.087	.00006	.00120	.1835	.00003	.00433
;RSD	.50372	.59401	.05895	763.00	4.0406	.01491	.62844
ɨ1	.83341	14.792	.09441	-.00101	4.6703	.16473	.69206
ɨ2	.82750	14.668	.09433	.00069	4.4108	.16476	.68594

;lem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ıvge	3.6751	.00607	.00811	1.3855	1.3544	.00101	.00509
;Dev	.0093	.00053	.00197	.0120	.0095	.00266	.00042
;RSD	.25346	8.7240	24.278	.86905	.70012	264.26	8.1833
ɨ1	3.6686	.00644	.00672	1.3940	1.3477	-.00088	.00480
ɨ2	3.6817	.00569	.00951	1.3769	1.3612	.00289	.00539

;lem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Jnits	ppm	ppm	ppm	ppm	ppm
ıvge	.06521	-.00168	2.1034	.02858	.92755
;Dev	.00197	.00219	.0134	.00442	.00066
;RSD	3.0215	130.54	.63663	15.461	.07112
ɨ1	.06382	-.00322	2.1128	.03171	.92802
ɨ2	.06661	-.00013	2.0939	.02546	.92709

00071

12/28

ethod: 6010B Sample Name: L2566-16 Operator: AD
un Time: 12/28/00 11:33:33
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01660	-.00959	.42945	.00525	.01135	41.227	.60863
SDev	.00427	.00580	.00665	.00031	.00012	.407	.00423
%RSD	25.732	60.504	1.5476	5.9721	1.0228	.98726	.69504
#1	.01358	-.00549	.42475	.00503	.01143	40.989	.60564
#2	.01962	-.01369	.43414	.00547	.01127	41.515	.61162

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00416	.03777	27.125	.07983	.04634	.19998	70.902
SDev	.00012	.00122	.498	.00000	.00079	.00168	1.034
%RSD	2.8156	3.2332	1.8345	.00038	1.6988	.83806	1.4581
#1	.00408	.03691	26.773	.07983	.04690	.19879	70.171
#2	.00425	.03864	27.476	.07983	.04578	.20116	71.633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8206	9.4770	.07226	.00018	3.5189	.15983	1.8873
SDev	.0267	.0846	.00083	.00060	.0535	.00086	.0328
%RSD	1.4666	.89247	1.1548	328.67	1.5207	.53678	1.7371
#1	1.8018	9.4172	.07167	.00061	3.5568	.15922	1.8641
#2	1.8395	9.5368	.07285	-.00024	3.4811	.16044	1.9105

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2582	.01033	.01057	.45094	.41684	.00033	.00631
SDev	.0021	.00021	.00104	.00334	.00830	.00136	.00008
%RSD	.06353	2.0468	9.8179	.74023	1.9907	416.62	1.2320
#1	3.2568	.01018	.01130	.44858	.41097	-.00064	.00636
#2	3.2597	.01048	.00984	.45330	.42271	.00129	.00625

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.04290	.00006	5.0881	.02251	1.6156
SDev	.00544	.00173	.0542	.00260	.0155
%RSD	12.670	2687.0	1.0660	11.565	.96183
#1	.04675	.00129	5.0498	.02435	1.6046
#2	.03906	-.00116	5.1265	.02067	1.6266

00072

12/28

ethod: 6010B Sample Name: L2566-16D Operator: AD
un Time: 12/28/00 11:36:34
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01605	-.00295	.42319	.00138	.01019	40.350	.59362
SDev	.00085	.00108	.00503	.00004	.00210	.186	.00269
%RSD	5.3193	36.645	1.1886	3.0430	20.650	.46104	.45348
#1	.01545	-.00219	.41963	.00141	.01167	40.218	.59172
#2	.01666	-.00372	.42674	.00135	.00870	40.481	.59552

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00431	.03791	27.209	.07925	.04523	.19665	71.450
SDev	.00008	.00065	.188	.00012	.00000	.00148	.445
%RSD	1.8568	1.7165	.69182	.14807	.00000	.75280	.62216
#1	.00436	.03745	27.076	.07933	.04523	.19560	71.135
#2	.00425	.03837	27.342	.07917	.04523	.19770	71.764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7683	9.4124	.07120	.00043	3.5297	.15810	1.9154
SDev	.0096	.0360	.00189	.00086	.0382	.00044	.0116
%RSD	.54081	.38217	2.6565	201.43	1.0829	.27535	.60476
#1	1.7615	9.3869	.07254	.00104	3.5027	.15780	1.9072
#2	1.7750	9.4378	.06986	-.00018	3.5568	.15841	1.9236

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2124	.00719	.01356	.44496	.41044	-.00467	.00290
SDev	.0103	.00297	.00038	.00008	.00758	.00316	.00164
%RSD	.32220	41.237	2.7906	.01698	1.8465	67.751	56.684
#1	3.2197	.00929	.01383	.44501	.40508	-.00691	.00406
#2	3.2050	.00509	.01329	.44491	.41580	-.00243	.00174

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.04896	-.00026	4.9007	.02261	1.5899
SDev	.00328	.00000	.0214	.00326	.0031
%RSD	6.7029	.00000	.43722	14.427	.19363
#1	.05128	-.00026	4.8855	.02492	1.5921
#2	.04664	-.00026	4.9158	.02030	1.5877

00073

12/28

ethod: 6010B Sample Name: L2566-16S Operator: AD
un Time: 12/28/00 11:39:09
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7535	1.6227	.93149	1.5651	.44054	50.421	2.4600
SDev	.0225	.0048	.00907	.0084	.00362	.230	.0022
%RSD	1.2803	.29299	.97324	.53804	.82273	.45661	.09067
#1	1.7694	1.6261	.93790	1.5711	.44310	50.584	2.4616
#2	1.7376	1.6194	.92508	1.5592	.43797	50.258	2.4584

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04946	.08490	34.410	.26612	.48400	.43660	94.169
SDev	.00054	.00203	.627	.00468	.00689	.00074	1.292
%RSD	1.0967	2.3954	1.8235	1.7606	1.4232	.17014	1.3722
#1	.04984	.08634	34.854	.26944	.48887	.43713	95.083
#2	.04908	.08346	33.967	.26281	.47913	.43608	93.255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9945	11.939	.52038	.04006	2.7405	.60667	2.5615
SDev	.0275	.073	.00428	.00138	.1300	.00653	.0488
%RSD	1.3767	.61070	.82314	3.4438	4.7419	1.0762	1.9032
#1	2.0139	11.991	.52341	.04103	2.8324	.61129	2.5960
#2	1.9750	11.888	.51736	.03908	2.6486	.60206	2.5271

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.8847	.44623	.42651	.94383	.92346	1.5651	1.5636
SDev	.0069	.00212	.00664	.00905	.00907	.0105	.0074
%RSD	.17762	.47458	1.5574	.95917	.98240	.67398	.47062
#1	3.8798	.44773	.43120	.95023	.92987	1.5726	1.5688
#2	3.8896	.44473	.42181	.93743	.91704	1.5577	1.5584

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.91650	.95680	3.9334	.88881	2.6493
SDev	.00921	.01413	.0419	.01541	.0206
%RSD	1.0045	1.4768	1.0641	1.7332	.77744
#1	.92301	.96679	3.9630	.89970	2.6639
#2	.90999	.94681	3.9038	.87792	2.6348

00074

12/28

ɜthod: 6010B Sample Name: CCV1 Operator: AD
ın Time: 12/28/00 11:42:14
ɔmment: CCV
ɔde: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4823	2.4332	2.4352	2.4564	2.4698	4.7716	5.0361
SDev	.0265	.0300	.0168	.0121	.0185	.0697	.0508
%RSD	1.0692	1.2312	.68987	.49409	.74723	1.4606	1.0091
#1	2.5011	2.4544	2.4471	2.4650	2.4829	4.8209	5.0720
#2	2.4636	2.4120	2.4234	2.4478	2.4568	4.7224	5.0002

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12453	1.2429	12.246	.49495	1.2371	.60131	2.4542
SDev	.00174	.0163	.254	.00865	.0194	.00638	.0576
%RSD	1.3954	1.3146	2.0724	1.7480	1.5672	1.0604	2.3472
#1	.12575	1.2545	12.425	.50106	1.2508	.60581	2.4949
#2	.12330	1.2313	12.066	.48883	1.2234	.59680	2.4134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2485	12.147	1.2428	.60987	13.351	1.2383	1.2637
SDev	.0219	.126	.0170	.01081	.102	.0189	.0185
%RSD	1.7508	1.0381	1.3672	1.7718	.76204	1.5236	1.4655
#1	1.2639	12.236	1.2548	.61751	13.423	1.2516	1.2768
#2	1.2330	12.057	1.2308	.60223	13.279	1.2249	1.2506

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.439	2.4589	2.4891	2.4218	2.4401	2.4568	2.4547
SDev	.124	.0244	.0065	.0225	.0140	.0147	.0109
%RSD	.99488	.99316	.26140	.92891	.57195	.59895	.44200
#1	12.527	2.4761	2.4937	2.4377	2.4499	2.4672	2.4624
#2	12.352	2.4416	2.4845	2.4059	2.4302	2.4464	2.4470

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	2.3910	2.4906	1.8788	2.4610	2.4856
SDev	.0204	.0312	.0287	.0478	.0355
%RSD	.85388	1.2531	1.5291	1.9411	1.4292
#1	2.4055	2.5127	1.8991	2.4947	2.5107
#2	2.3766	2.4685	1.8585	2.4272	2.4605

00075

12/28/

ethod: 6010B Sample Name: CCB Operator: AD
un Time: 12/28/00 11:44:51
omment: CCB
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00226	-.00601	-.00070	-.00163	.00208	.00540	-.00006
SDev	.00280	.00196	.00139	.00398	.00293	.00069	.00008
%RSD	123.80	32.523	199.37	243.67	141.05	12.857	141.42
#1	.00028	-.00463	.00029	.00118	.00415	.00589	-.00011
#2	.00424	-.00739	-.00169	-.00445	.00001	.00491	.00000

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	.00063	-.00222	.00036	.00015	-.00446	-.02037
SDev	.00012	.00043	.00157	.00000	.00083	.00055	.00000
%RSD	60.799	68.198	70.711	.00000	565.69	12.427	.00000
#1	-.00029	.00093	-.00332	.00036	.00074	-.00407	-.02037
#2	-.00012	.00032	-.00111	.00036	-.00044	-.00485	-.02037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	.00217	.00012	.00006	.03472	-.00036	-.00540
SDev	.00013	.00205	.00123	.00029	.14731	.00000	.00019
%RSD	6168.2	94.281	989.95	490.97	424.26	.00000	3.5377
#1	.00009	.00072	-.00075	-.00014	.13889	-.00036	-.00527
#2	-.00009	.00362	.00099	.00026	-.06944	-.00036	-.00554

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00580	.00046	.00268	-.00396	-.00076	.00271	-.00530
SDev	.00137	.00000	.00879	.00500	.00041	.00473	.00361
%RSD	23.570	.02367	327.64	126.41	53.403	174.60	68.136
#1	-.00483	.00046	.00890	-.00042	-.00105	.00605	-.00275
#2	-.00676	.00046	-.00353	-.00749	-.00047	-.00064	-.00786

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00922	-.00116	-.07001	.00321	-.00033
SDev	.00242	.00146	.00000	.00176	.00008
%RSD	26.278	125.71	.00015	55.029	23.570
#1	.01094	-.00013	-.07001	.00445	-.00039
#2	.00751	-.00220	-.07001	.00196	-.00028

00076

KP 12/28

ethod: 6010B Sample Name: L2566-16SD Operator: AD
un Time: 12/28/00 11:48:58
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7748	1.6735	.93481	1.5870	.44483	51.703	2.5218
SDev	.0049	.0133	.00461	.0013	.00269	.163	.0102
%RSD	.27484	.79739	.49349	.08127	.60430	.31565	.40304
#1	1.7714	1.6829	.93155	1.5861	.44293	51.819	2.5289
#2	1.7783	1.6641	.93807	1.5879	.44673	51.588	2.5146

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04894	.08488	35.141	.27289	.49472	.44248	95.756
SDev	.00013	.00056	.061	.00000	.00021	.00060	.198
%RSD	.25900	.65783	.17386	.00013	.04214	.13641	.20679
#1	.04885	.08448	35.098	.27289	.49487	.44291	95.616
#2	.04903	.08527	35.184	.27289	.49458	.44206	95.896

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0477	12.220	.53220	.04005	.03038	.62813	2.5841
SDev	.0026	.000	.00117	.00058	.06444	.00104	.0158
%RSD	.12869	.00000	.22017	1.4446	212.13	.16518	.61268
#1	2.0459	12.220	.53137	.04046	-.01519	.62887	2.5729
#2	2.0496	12.220	.53303	.03965	.07594	.62740	2.5953

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9080	.44459	.44269	.94654	.92708	1.5994	1.5793
SDev	.0379	.00076	.00959	.00281	.00832	.0021	.0030
%RSD	.97014	.17090	2.1673	.29675	.89729	.13047	.18841
#1	3.9348	.44513	.43591	.94853	.92120	1.6009	1.5772
#2	3.8812	.44405	.44947	.94456	.93296	1.5980	1.5814

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.91608	.95140	3.6278	.91862	2.7327
SDev	.00089	.00320	.0061	.00238	.0165
%RSD	.09682	.33669	.16816	.25918	.60415
#1	.91670	.94916	3.6235	.92030	2.7444
#2	.91545	.95366	3.6321	.91693	2.7211

00077

12/28

ethod: 6010B Sample Name: L2566-16LX5 Operator: AD
un Time: 12/28/00 11:52:51
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00471	.00759	.08974	.00134	.00399	8.1148	.12348
SDev	.00280	.00828	.00295	.00191	.00028	.0035	.00032
%RSD	59.461	109.07	3.2830	142.93	6.8938	.04279	.25925
#1	.00273	.01345	.08766	-.00001	.00419	8.1124	.12370
#2	.00668	.00174	.09183	.00268	.00380	8.1173	.12325

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	.00782	5.7169	.01694	.00929	.03430	14.738
SDev	.00000	.00056	.0125	.00013	.00042	.00007	.032
%RSD	.09703	7.1433	.21921	.74198	4.4896	.21110	.21986
#1	.00094	.00822	5.7081	.01702	.00899	.03424	14.715
#2	.00094	.00743	5.7258	.01685	.00958	.03435	14.761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38918	1.9348	.01458	-.00065	2.6580	.03333	.42515
SDev	.00053	.0041	.00059	.00059	.0859	.00051	.00172
%RSD	.13542	.21194	4.0176	89.891	3.2325	1.5219	.40350
#1	.38881	1.9319	.01500	-.00107	2.5972	.03297	.42394
#2	.38955	1.9377	.01417	-.00024	2.7187	.03368	.42637

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55211	-.00107	.01151	.08852	.08867	.00500	-.00199
SDev	.00547	.00043	.00170	.00520	.00182	.00500	.00036
%RSD	.98983	40.446	14.734	5.8723	2.0549	100.08	18.242
#1	.54825	-.00138	.01271	.08484	.08738	.00146	-.00225
#2	.55597	-.00077	.01031	.09219	.08996	.00854	-.00174

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.02289	-.00110	.92243	.00812	.33440
SDev	.00015	.00009	.00225	.00441	.00070
%RSD	.66531	8.3189	.24356	54.380	.21058
#1	.02278	-.00104	.92084	.00500	.33390
#2	.02300	-.00116	.92402	.01124	.33490

00078

ethod: 6010B Sample Name: PBS Operator: AD
un Time: 12/28/00 11:55:37
omment: PBS
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00215	.00242	.00123	-.00297	.00230	.00933	-.00045
SDev	.00104	.00503	.00064	.00085	.00063	.00625	.00016
%RSD	48.386	208.38	51.792	28.645	27.541	66.989	35.355
#1	.00141	.00598	.00169	-.00237	.00185	.00491	-.00034
#2	.00288	-.00114	.00078	-.00357	.00275	.01375	-.00057

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.00055	.00111	.00080	-.00118	-.00485	-.01273
SDev	.00008	.00053	.00000	.00013	.00021	.00014	.01080
%RSD	19.980	95.746	.00000	15.691	17.678	2.8310	84.853
#1	.00035	.00018	.00111	.00071	-.00133	-.00495	-.00509
#2	.00047	.00093	.00111	.00089	-.00103	-.00476	-.02037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	.00362	-.00025	.00020	-.13928	.00000	-.00540
SDev	.00000	.00410	.00129	.00047	.14772	.00051	.00019
%RSD	1.1211	113.14	518.54	240.10	106.07	45617.	3.5159
#1	-.00009	.00072	.00066	-.00014	-.03482	-.00036	-.00527
#2	-.00009	.00652	-.00116	.00053	-.24373	.00036	-.00554

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00386	-.00092	.00594	.00003	.00015	-.00007	-.00592
SDev	.00478	.00022	.00120	.00342	.00075	.00116	.00185
%RSD	123.74	23.576	20.250	10654.	504.18	1747.2	31.303
#1	.00048	-.00107	.00509	.00245	-.00038	-.00088	-.00461
#2	.00725	-.00077	.00679	-.00239	.00068	.00075	-.00723

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00337	-.00207	-.07534	-.00045	-.00061
SDev	.00040	.00128	.00112	.00214	.00031
%RSD	11.986	61.872	1.4913	480.04	51.426
#1	.00308	-.00116	-.07455	.00107	-.00039
#2	.00365	-.00298	-.07614	-.00196	-.00083

03079

ethod: 6010B Sample Name: LCSS Operator: AD
un Time: 12/28/00 12:00:01
omment: LCSS
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.7456	.20369	1.1453	.18924	1.0693	1.5635	.02897
SDev	.0462	.00144	.0178	.00002	.0122	.0181	.00032
%RSD	.97381	.70496	1.5502	.00769	1.1447	1.1548	1.1049
#1	4.7783	.20267	1.1578	.18925	1.0780	1.5763	.02920
#2	4.7129	.20470	1.1327	.18923	1.0607	1.5508	.02875

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08376	.20693	745.37	.48666	.69270	32.609	101.33
SDev	.00112	.00234	12.65	.00677	.00792	.179	1.32
%RSD	1.3345	1.1325	1.6971	1.3921	1.1437	.54890	1.3004
#1	.08455	.20858	754.32	.49145	.69830	32.736	102.26
#2	.08297	.20527	736.43	.48187	.68710	32.482	100.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0079	548.94	.28151	.10057	.00080	.31928	.95225
SDev	.0148	5.02	.00111	.00069	.36180	.00345	.01141
%RSD	1.4684	.91416	.39544	.68445	44986.	1.0819	1.1979
#1	1.0184	552.49	.28230	.10106	.25664	.32172	.96032
#2	.99743	545.39	.28072	.10009	Q-.25503	.31684	.94419

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42217	1.0580	1.0894	1.1503	1.1412	.18469	.19021
SDev	.00956	.0103	.0161	.0087	.0223	.00316	.00160
%RSD	2.2653	.97445	1.4786	.75659	1.9516	1.7112	.84100
#1	.41541	1.0653	1.1008	1.1565	1.1570	.18245	.19134
#2	.42894	1.0507	1.0780	1.1442	1.1255	.18692	.18908

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.02598	.23330	1.7449	.02017	.08675
SDev	.00380	.00156	.0122	.00190	.00070
%RSD	14.643	.66689	.69946	9.4018	.81173
#1	-.02867	.23440	1.7536	.02152	.08725
#2	-.02329	.23220	1.7363	.01883	.08626

00080

12/28

ɜthod: 6010B Sample Name: LCSS/2 Operator: AD
ın Time: 12/28/00 12:04:18
ɔmment: LCSS/2
ɔde: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4169	.10356	.57719	.09307	.54071	.75083	.01398
SDev	.0006	.00012	.00085	.00283	.00414	.00347	.00008
%RSD	.02317	.11224	.14784	3.0468	.76603	.46246	.57256
#1	2.4173	.10364	.57779	.09106	.54364	.75329	.01392
#2	2.4165	.10348	.57659	.09507	.53778	.74838	.01403

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04545	.10739	418.54	.25061	.35660	16.890	52.037
SDev	.00000	.00032	.39	.00088	.00042	.021	.022
%RSD	.00403	.29918	.09208	.35036	.11693	.12717	.04151
#1	.04545	.10716	418.81	.24998	.35630	16.905	52.021
#2	.04545	.10762	418.27	.25123	.35689	16.875	52.052

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51793	281.31	.14819	.04966	-.03909	.16385	.48462
SDev	.00013	.64	.00229	.00028	.04894	.00102	.00020
%RSD	.02571	.22741	1.5419	.55675	125.20	.62143	.04157
#1	.51783	281.76	.14658	.04985	-.00448	.16313	.48448
#2	.51802	280.85	.14981	.04946	-.07369	.16457	.48476

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18162	.53665	.54603	.58063	.57360	.09170	.09225
SDev	.00683	.00445	.00379	.00233	.00244	.00215	.00318
%RSD	3.7612	.82916	.69429	.40108	.42574	2.3403	3.4469
#1	.17679	.53980	.54871	.57898	.57533	.09019	.09000
#2	.18645	.53350	.54335	.58228	.57187	.09322	.09449

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00958	.12050	.83589	.00996	.04426
SDev	.00177	.00128	.00016	.00063	.00055
%RSD	18.452	1.0633	.01925	6.3086	1.2374
#1	.00833	.12141	.83600	.01040	.04387
#2	.01083	.11960	.83577	.00951	.04465

00081

12/28/00

ethod: 6010B Sample Name: L2603-01 Operator: AD
un Time: 12/28/00 12:11:13
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02274	-.00141	1.5497	.00303	.01055	18.554	.25397
SDev	.00312	.00342	.0243	.00261	.00044	.223	.00272
%RSD	13.714	242.44	1.5684	85.961	4.1936	1.2015	1.0714
#1	.02495	.00101	1.5325	.00119	.01024	18.396	.25205
#2	.02054	-.00383	1.5669	.00487	.01086	18.711	.25589

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00230	.00052	4.2680	.03804	.01843	.15280	44.369
SDev	.00017	.00083	.0627	.00063	.00209	.00151	.576
%RSD	7.2337	157.92	1.4682	1.6492	11.314	.99014	1.2983
#1	.00242	.00111	4.2237	.03849	.01990	.15173	43.961
#2	.00218	-.00006	4.3123	.03760	.01695	.15387	44.776

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.71251	1.9689	.04797	-.00047	.31337	.06282	.40528
SDev	.01040	.0236	.00000	.00098	.00000	.00005	.00490
%RSD	1.4603	1.1976	.00000	207.62	.00000	.08070	1.2097
#1	.70515	1.9522	.04797	.00022	.31337	.06285	.40181
#2	.71987	1.9855	.04797	-.00117	.31337	.06278	.40875

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5003	.00752	.01399	1.5798	1.5329	-.00215	.00412
SDev	.0116	.00087	.00041	.0129	.0298	.00175	.00478
%RSD	.77404	11.541	2.9299	.81873	1.9472	81.023	115.94
#1	1.5085	.00691	.01428	1.5707	1.5118	-.00092	.00074
#2	1.4921	.00814	.01370	1.5889	1.5540	-.00339	.00750

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.03481	.00408	4.3143	.03679	.93465
SDev	.00259	.00064	.0679	.00283	.00516
%RSD	7.4530	15.713	1.5735	7.6972	.55253
#1	.03664	.00362	4.2663	.03880	.93100
#2	.03297	.00453	4.3623	.03479	.93830

00082

ethod: 6010B Sample Name: L2623-02 Operator: AD
un Time: 12/28/00 12:14:03
omment: DW-3
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01524	-.00470	.05885	.00481	.01304	50.037	.11533
StDev	.00040	.00268	.00444	.00230	.00409	.001	.00032
%RSD	2.6245	56.891	7.5435	47.900	31.398	.00139	.27758
#1	.01495	-.00659	.06199	.00318	.01593	50.037	.11555
#2	.01552	-.00281	.05571	.00643	.01014	50.036	.11510

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00316	-.00421	7.7540	.06899	.02580	.06755	67.189
StDev	.00000	.00065	.0235	.00000	.00000	.00076	.029
%RSD	.08694	15.332	.30305	.00078	.00000	1.1249	.04288
#1	.00316	-.00467	7.7374	.06899	.02580	.06809	67.169
#2	.00316	-.00376	7.7706	.06899	.02580	.06701	67.210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61884	6.3132	.03364	-.00113	-.15669	.10733	.42416
StDev	.00053	.0082	.00176	.00008	.09848	.00153	.00095
%RSD	.08508	.12992	5.2249	7.2914	62.854	1.4232	.22438
#1	.61847	6.3074	.03240	-.00107	-.08705	.10625	.42349
#2	.61922	6.3190	.03488	-.00119	-.22632	.10841	.42483

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5858	.00844	.01961	.07090	.05096	-.00155	.00648
StDev	.0000	.00130	.00968	.00173	.00752	.00036	.00327
%RSD	.00000	15.426	49.375	2.4436	14.758	23.410	50.452
#1	1.5858	.00936	.02646	.06967	.05628	-.00181	.00417
#2	1.5858	.00752	.01277	.07212	.04564	-.00130	.00879

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.03249	-.00045	6.2717	.03665	2.7608
StDev	.00138	.00211	.0088	.00605	.0064
%RSD	4.2450	464.67	.14071	16.512	.23240
#1	.03347	-.00194	6.2655	.03237	2.7653
#2	.03152	.00104	6.2779	.04093	2.7562

00083

lethod: 6010B Sample Name: L2623-03 Operator: AD
un Time: 12/28/00 12:16:55
omment: DW-5
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02550	-.00132	.01267	.00164	.00551	1.5292	.00492
SDev	.00096	.00030	.00056	.00386	.00071	.0111	.00008
%RSD	3.7624	22.520	4.4475	236.29	12.839	.72664	1.6255
#1	.02482	-.00153	.01227	.00437	.00601	1.5213	.00487
#2	.02617	-.00111	.01307	-.00110	.00501	1.5370	.00498

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	-.00157	.42425	.01019	.00118	.00757	18.923
SDev	.00000	.00035	.00000	.00063	.00063	.00034	.025
%RSD	.05551	21.958	.00000	6.1541	53.033	4.5476	.13318
#1	.00165	-.00133	.42425	.01064	.00162	.00732	18.941
#2	.00165	-.00182	.42425	.00975	.00074	.00781	18.905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04504	.07177	.00236	-.00039	.39171	.03368	.05032
SDev	.00013	.00205	.00076	.00039	.03693	.00051	.00057
%RSD	.28487	2.8570	32.254	101.16	9.4281	1.5078	1.1331
#1	.04495	.07322	.00182	-.00011	.36560	.03404	.05073
#2	.04513	.07032	.00290	-.00067	.41783	.03332	.04992

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16689	.00146	.01081	.01868	.00790	-.00021	.00106
SDev	.00922	.00054	.00130	.00035	.00089	.00188	.00485
%RSD	5.5259	37.197	12.054	1.8775	11.242	880.65	458.41
#1	.17341	.00184	.01173	.01892	.00727	.00112	.00449
#2	.16037	.00108	.00988	.01843	.00852	-.00154	-.00237

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01461	.01288	.57438	.01024	.10805
SDev	.00064	.00028	.00658	.00012	.00031
%RSD	4.3741	2.1320	1.1455	1.2104	.28965
#1	.01415	.01307	.56973	.01015	.10828
#2	.01506	.01268	.57903	.01033	.10783

00084

12/28

ethod: 6010B Sample Name: L2586-06 Operator: AD
un Time: 12/28/00 12:19:45
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08733	.00557	.03259	-.00209	.00610	23.683	.02948
SDev	.00144	.00267	.00003	.00131	.00549	.122	.00024
%RSD	1.6457	48.033	.10638	62.783	89.989	.51609	.81433
#1	.08835	.00746	.03257	-.00302	.00998	23.769	.02965
#2	.08632	.00368	.03262	-.00116	.00292	23.597	.02931

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00867	-.00936	3.5558	.14423	.01504	.01904	147.20
SDev	.00004	.00138	.0047	.00075	.00063	.00001	.09
%RSD	.45917	14.778	.13217	.52228	4.1594	.04766	.06359
#1	.00870	-.00839	3.5591	.14369	.01459	.01905	147.27
#2	.00864	-.01034	3.5524	.14476	.01548	.01904	147.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09341	5.1041	.04284	-.00256	.10446	.13888	.22413
SDev	.00028	.0246	.00012	.00004	.12310	.00101	.00018
%RSD	.29404	.48205	.27355	1.6437	117.85	.72857	.08041
#1	.09361	5.1215	.04282	-.00253	.01741	.13960	.22425
#2	.09322	5.0867	.04275	-.00259	.19150	.13817	.22400

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.5723	.00200	.01169	.05815	.01815	-.01158	.00114
SDev	.0519	.00304	.01040	.00015	.00013	.00234	.00314
%RSD	.93170	152.02	88.964	.26268	.70646	20.194	274.22
#1	5.6090	.00415	.01904	.05825	.01806	-.00993	-.00107
#2	5.5356	-.00015	.00433	.05804	.01824	-.01324	.00336

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.08947	-.00608	14.150	.01466	.44976
SDev	.01362	.00146	.023	.00644	.00266
%RSD	15.221	24.072	.16443	43.926	.59150
#1	.09910	-.00505	14.167	.01922	.45164
#2	.07984	-.00712	14.134	.01011	.44788

00085

12/28/00

ethod: 6010B Sample Name: L2629-01 Operator: AD
un Time: 12/28/00 12:22:40
omment: D13B01(9-11)
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13336	.02084	13.678	-.02190	.17356	24.935	1.8210
SDev	.00144	.00221	.054	.00147	.00663	.024	.0015
%RSD	1.0761	10.583	.39380	6.7183	3.8177	.09748	.08351
#1	.13437	.01928	13.716	-.02086	.16888	24.952	1.8220
#2	.13234	.02240	13.640	-.02294	.17825	24.918	1.8199

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00441	.37357	118.30	1.6365	.09611	2.2203	H642.74
SDev	.00001	.00067	.64	.0075	.00146	.0030	2.91
%RSD	.19790	.17801	.53764	.45997	1.5183	.13476	.45205
#1	.00440	.37404	118.75	1.6418	.09715	2.2224	H644.80
#2	.00441	.37310	117.85	1.6311	.09508	2.2182	H640.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4550	4.8758	.69352	.00532	-.00698	.69180	12.462
SDev	.0126	.0236	.00288	.00484	.02962	.00485	.068
%RSD	.51403	.48360	.37171	90.868	424.33	.70031	.54772
#1	2.4639	4.8924	.69535	.00874	.01396	.69523	12.510
#2	2.4461	4.8591	.69170	.00190	-.02792	.68838	12.413

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8892	.17305	.17196	13.959	13.535	-.07262	.00193
SDev	.0068	.00401	.01186	.079	.041	.00044	.00242
%RSD	.36160	2.3194	6.8962	.56508	.30567	.60405	125.81
#1	1.8843	.17021	.16357	14.015	13.564	-.07293	.00364
#2	1.8940	.17589	.18034	13.903	13.506	-.07231	.00021

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.04794	.07740	9.5289	.63972	1.7922
SDev	.04107	.00183	.0229	.00143	.0119
%RSD	85.682	2.3649	.24074	.22286	.66360
#1	-.01889	.07870	9.5127	.64073	1.8006
#2	-.07698	.07611	9.5451	.63871	1.7838

00086

12/28

ethod: 6010B Sample Name: CCV1 Operator: AD
un Time: 12/28/00 12:26:17
omment: CCV
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4592	2.4496	2.4246	2.3618	2.4646	4.8039	5.0903
SDev	.0194	.0126	.0076	.0088	.0079	.0096	.0036
%RSD	.79087	.51632	.31419	.37192	.32027	.20064	.07109
#1	2.4730	2.4585	2.4299	2.3680	2.4702	4.8107	5.0878
#2	2.4455	2.4406	2.4192	2.3556	2.4590	4.7971	5.0929

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12626	1.2470	12.230	.49877	1.2476	.61370	2.4816
SDev	.00073	.0015	.096	.00376	.0104	.00072	.0149
%RSD	.57542	.12185	.78339	.75341	.83210	.11651	.59924
#1	.12677	1.2480	12.297	.50142	1.2549	.61319	2.4921
#2	.12574	1.2459	12.162	.49611	1.2402	.61420	2.4711

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2549	12.208	1.2448	.60918	13.188	1.2490	1.2650
SDev	.0082	.039	.0164	.00396	.040	.0049	.0084
%RSD	.64985	.31636	1.3158	.64988	.30096	.39623	.66664
#1	1.2607	12.235	1.2564	.61198	13.160	1.2525	1.2710
#2	1.2491	12.180	1.2332	.60638	13.216	1.2455	1.2590

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.399	2.4700	2.4511	2.4338	2.4181	2.3569	2.3628
SDev	.020	.0051	.0135	.0003	.0116	.0125	.0069
%RSD	.15928	.20533	.55264	.01286	.47877	.52875	.29405
#1	12.385	2.4736	2.4607	2.4336	2.4262	2.3657	2.3677
#2	12.413	2.4664	2.4415	2.4341	2.4099	2.3481	2.3579

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	2.4370	2.5168	2.4600	2.4662	2.5159
SDev	.0094	.0074	.0193	.0217	.0066
%RSD	.38722	.29243	.78260	.87959	.26388
#1	2.4437	2.5220	2.4736	2.4815	2.5206
#2	2.4304	2.5116	2.4464	2.4509	2.5112

00087

12/28

lethod: 6010B Sample Name: CCB Operator: AD
un Time: 12/28/00 12:29:17
omment: CCB
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00295	-.00276	-.00021	.00143	.00166	-.00739	-.00006
SDev	.00360	.00244	.00189	.00031	.00028	.00149	.00008
%RSD	122.08	88.150	884.69	21.692	16.570	20.203	141.42
#1	.00040	-.00104	.00112	.00165	.00186	-.00634	.00000
#2	.00549	-.00449	-.00155	.00121	.00147	-.00845	-.00012

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	.00039	-.00238	.00085	-.00031	-.00577	-.01840
SDev	.00004	.00085	.00168	.00040	.00110	.00036	.01115
%RSD	20.795	220.54	70.711	47.148	353.55	6.2230	60.609
#1	-.00018	-.00022	-.00357	.00114	.00047	-.00551	-.01052
#2	-.00025	.00099	-.00119	.00057	-.00109	-.00602	-.02629

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.00468	-.00103	-.00008	-.00876	-.00078	-.00483
SDev	.00000	.00331	.00012	.00011	.30257	.00055	.00060
%RSD	1.2400	70.711	11.785	133.24	3455.3	70.985	12.457
#1	-.00010	.00702	-.00095	-.00000	-.22271	-.00117	-.00440
#2	-.00010	.00234	-.00112	-.00016	.20519	-.00039	-.00525

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00797	-.00135	.00508	-.00383	-.00009	.00026	.00051
SDev	.00732	.00011	.00105	.00235	.00166	.00275	.00091
%RSD	91.850	8.3210	20.741	61.478	1751.2	1071.8	177.69
#1	-.00279	-.00143	.00582	-.00217	.00108	.00220	-.00013
#2	-.01314	-.00127	.00433	-.00550	-.00127	-.00169	.00116

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01780	-.00150	-.09061	.00423	-.00012
SDev	.00083	.00009	.00035	.00146	.00009
%RSD	4.6806	6.1487	.38239	34.559	70.711
#1	.01839	-.00156	-.09086	.00320	-.00006
#2	.01721	-.00143	-.09037	.00527	-.00018

00083

ethod: 6010B Sample Name: L2629-02 Operator: AD
un Time: 12/28/00 12:38:43
omment: D13B01(13-15)
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02072	-.00427	.04958	.00170	.00448	4.7264	.05594
SDev	.00082	.00345	.00005	.00065	.00053	.0037	.00000
%RSD	3.9420	80.870	.09212	38.374	11.797	.07901	.00000
#1	.02130	-.00671	.04955	.00216	.00411	4.7291	.05594
#2	.02014	-.00183	.04961	.00124	.00485	4.7238	.05594

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	-.00258	2.8262	.08791	.00703	.02422	44.595
SDev	.00005	.00006	.0084	.00081	.00000	.00043	.037
%RSD	5.8095	2.3148	.29735	.91600	.00000	1.7854	.08337
#1	.00075	-.00263	2.8322	.08848	.00703	.02453	44.621
#2	.00082	-.00254	2.8203	.08734	.00703	.02392	44.569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12131	1.2406	.01335	-.00200	.69444	.02680	.08468
SDev	.00043	.0077	.00073	.00064	.21824	.00110	.00120
%RSD	.35109	.62261	5.4744	32.112	31.427	4.0923	1.4180
#1	.12161	1.2461	.01386	-.00154	.54012	.02758	.08553
#2	.12101	1.2351	.01283	-.00245	.84877	.02603	.08383

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0282	.00207	.00668	.05967	.04286	.00045	.00082
SDev	.0153	.00090	.00022	.00112	.00063	.00027	.00111
%RSD	1.4915	43.492	3.2666	1.8859	1.4706	58.692	135.13
#1	1.0390	.00144	.00683	.06046	.04241	.00026	.00161
#2	1.0173	.00271	.00652	.05887	.04330	.00064	.00004

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01410	.01926	1.4727	.01076	1.0446
SDev	.00423	.00018	.0054	.00040	.0027
%RSD	30.035	.95555	.36500	3.6743	.26072
#1	.01709	.01913	1.4765	.01048	1.0466
#2	.01110	.01939	1.4689	.01104	1.0427

00089

12/28

lethod: 6010B Sample Name: L2629-03 Operator: AD
un Time: 12/28/00 12:41:22
omment: D13B01(17-19)
lode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00633	.00077	.06015	.00108	.00574	5.7510	.06992
SDev	.00008	.00103	.00144	.00022	.00007	.0396	.00042
%RSD	1.2891	133.67	2.3935	20.729	1.1527	.68834	.60180
#1	.00638	.00151	.05913	.00092	.00579	5.7230	.06963
#2	.00627	.00004	.06117	.00124	.00570	5.7790	.07022

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	-.00298	.98051	.02990	.00515	.01230	33.617
SDev	.00000	.00003	.00672	.00094	.00044	.00013	.134
%RSD	.14467	.98840	.68568	3.1429	8.5710	1.0522	.39813
#1	.00070	-.00296	.97575	.03056	.00484	.01240	33.523
#2	.00070	-.00300	.98526	.02923	.00547	.01221	33.712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11615	1.8156	.00930	-.00105	.64622	.02427	.04796
SDev	.00016	.0066	.00012	.00119	.09548	.00056	.00022
%RSD	.13445	.36465	1.3095	112.92	14.775	2.3151	.44975
#1	.11604	1.8110	.00939	-.00021	.57870	.02466	.04811
#2	.11626	1.8203	.00921	-.00189	.71373	.02387	.04781

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2652	.00239	.00983	.07212	.05248	-.00032	.00028
SDev	.0042	.00068	.00116	.00270	.00081	.00180	.00123
%RSD	.33055	28.286	11.762	3.7403	1.5464	565.14	446.18
#1	1.2682	.00287	.00901	.07021	.05191	.00096	-.00060
#2	1.2623	.00191	.01064	.07403	.05306	-.00159	.00115

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00997	.00065	2.0369	.01224	.59102
SDev	.00374	.00055	.0090	.00640	.00111
%RSD	37.543	84.853	.44272	52.295	.18722
#1	.01261	.00104	2.0305	.00772	.59180
#2	.00732	.00026	2.0432	.01677	.59024

00090

Method: 6010B Sample Name: L2629-07 Operator: AD
Run Time: 12/28/00 12:44:09
Comment: D09B01(3-5)
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07540	.00353	.25210	-.00672	.00795	13.083	.12450
SDev	.00286	.00229	.00276	.00039	.00457	.038	.00067
%RSD	3.7951	65.016	1.0931	5.8239	57.420	.29116	.54081
#1	.07338	.00515	.25405	-.00700	.01118	13.110	.12497
#2	.07743	.00191	.25015	-.00644	.00472	13.056	.12402

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00166	.04889	4.5448	.31905	.05154	2.1568	193.09
SDev	.00009	.00023	.0487	.00470	.00066	.0063	1.77
%RSD	5.3265	.47079	1.0725	1.4729	1.2857	.29001	.91650
#1	.00159	.04905	4.5793	.32237	.05107	2.1612	194.34
#2	.00172	.04872	4.5103	.31573	.05201	2.1524	191.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.71823	2.2034	.19728	-.00592	-.20461	.14558	.97951
SDev	.00751	.0055	.00085	.00121	.05261	.00039	.00945
%RSD	1.0450	.25040	.43210	20.466	25.713	.27085	.96433
#1	.72353	2.2073	.19789	-.00507	-.16741	.14586	.98618
#2	.71292	2.1995	.19668	-.00678	-.24182	.14530	.97283

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.89187	.00351	.01404	.29043	.23119	-.02686	.00193
SDev	.00592	.00518	.00359	.00219	.00317	.00066	.00039
%RSD	.66432	147.81	25.589	.75307	1.3722	2.4682	20.150
#1	.88768	.00717	.01658	.29198	.23343	-.02733	.00165
#2	.89606	-.00016	.01150	.28889	.22894	-.02639	.00220

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.02747	.02082	3.4335	.03751	.80570
SDev	.01066	.00184	.0324	.00311	.01004
%RSD	38.796	8.8388	.94459	8.2808	1.2466
#1	.03502	.02212	3.4564	.03971	.81280
#2	.01994	.01952	3.4106	.03531	.79860

000918 12/28

ethod: 6010B Sample Name: L2629-08 Operator: AD
un Time: 12/28/00 12:47:27
omment: D09B01(7-9)
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00297	-.00267	.01011	.00245	.00568	6.6843	.22316
SDev	.00139	.00348	.00139	.00061	.00014	.0134	.00017
%RSD	46.775	130.07	13.749	24.957	2.4788	.20114	.07543
#1	.00199	-.00021	.00913	.00202	.00578	6.6748	.22304
#2	.00395	-.00513	.01110	.00288	.00558	6.6938	.22328

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	-.00067	1.9693	.03389	.00437	.01793	25.626
SDev	.00004	.00044	.0134	.00040	.00066	.00035	.104
%RSD	3.7136	64.734	.68278	1.1886	15.152	1.9361	.40622
#1	.00121	-.00037	1.9598	.03417	.00484	.01818	25.552
#2	.00115	-.00098	1.9788	.03360	.00390	.01768	25.699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09282	1.3732	.00766	-.00134	1.4974	.01602	.08109
SDev	.00043	.0011	.00036	.00015	.2499	.00001	.00119
%RSD	.46697	.08035	4.7670	11.269	16.689	.05716	1.4720
#1	.09252	1.3725	.00792	-.00145	1.3207	.01603	.08024
#2	.09313	1.3740	.00741	-.00123	1.6741	.01602	.08193

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73563	.00327	.00787	.01522	.00588	.00071	.00182
SDev	.00174	.00327	.00612	.00426	.00421	.00007	.00095
%RSD	.23689	100.01	77.780	27.961	71.585	9.3480	52.199
#1	.73440	.00558	.00354	.01823	.00290	.00076	.00115
#2	.73686	.00096	.01220	.01221	.00886	.00066	.00249

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01568	-.00163	1.6911	.02334	.33318
SDev	.00018	.00064	.0003	.00267	.00009
%RSD	1.1289	39.598	.02050	11.452	.02554
#1	.01556	-.00208	1.6913	.02145	.33325
#2	.01581	-.00117	1.6908	.02523	.33312

00092

ethod: 6010B Sample Name: L2629-09 Operator: AD
un Time: 12/28/00 12:50:22
omment: D09B01(11-13)
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00176	-.00534	.00764	.00029	.00568	5.1859	.02238
SDev	.00196	.00405	.00001	.00143	.00262	.0157	.00000
%RSD	111.18	75.923	.10480	495.95	46.174	.30246	.00000
#1	.00038	-.00820	.00763	-.00072	.00382	5.1970	.02238
#2	.00315	-.00247	.00764	.00130	.00753	5.1748	.02238

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	-.00105	1.4725	.03322	.00375	.02010	19.040
SDev	.00000	.00082	.0034	.00054	.00022	.00007	.011
%RSD	.08187	78.450	.22829	1.6159	5.8926	.36202	.05857
#1	.00121	-.00047	1.4702	.03284	.00390	.02015	19.048
#2	.00121	-.00163	1.4749	.03360	.00359	.02005	19.033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10986	1.4598	.01016	-.00143	1.3393	.01466	.04971
SDev	.00000	.0022	.00036	.00083	.0526	.00055	.00161
%RSD	.00143	.15117	3.5965	57.682	3.9284	3.7587	3.2346
#1	.10986	1.4614	.00990	-.00202	1.3021	.01427	.04858
#2	.10986	1.4583	.01042	-.00085	1.3765	.01505	.05085

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51925	.00343	.00756	.01330	.00312	-.00076	-.00069
SDev	.01290	.00124	.00539	.00122	.00062	.00266	.00082
%RSD	2.4834	36.168	71.322	9.2003	19.935	348.53	119.18
#1	.51013	.00255	.00374	.01416	.00268	-.00264	-.00127
#2	.52837	.00430	.01137	.01243	.00356	.00112	-.00011

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00968	.00046	1.3735	.01613	.30767
SDev	.00317	.00009	.0062	.00093	.00094
%RSD	32.803	20.203	.45453	5.7869	.30431
#1	.01192	.00052	1.3779	.01679	.30833
#2	.00743	.00039	1.3691	.01547	.30700

00093 12/28

ethod: 6010B Sample Name: L2629-10 Operator: AD
un Time: 12/28/00 12:52:54
omment: D11B01(2-4)
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07172	-.00546	.19802	-.00187	.00782	33.740	.15032
SDev	.00204	.00257	.00005	.00224	.00160	.093	.00017
%RSD	2.8482	47.013	.02331	119.48	20.447	.27672	.11197
#1	.07316	-.00364	.19805	-.00029	.00669	33.806	.15044
#2	.07027	-.00727	.19799	-.00345	.00895	33.674	.15020

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00201	.00057	92.773	1.0998	.03483	.56670	69.274
SDev	.00013	.00052	.548	.0054	.00000	.00088	.230
%RSD	6.6148	91.510	.59062	.48831	.00000	.15544	.33273
#1	.00192	.00093	93.160	1.1036	.03483	.56732	69.437
#2	.00211	.00020	92.385	1.0960	.03483	.56607	69.111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56829	9.4683	.05869	-.00126	.28832	.10164	.73011
SDev	.00312	.0177	.00043	.00021	.19729	.00108	.00419
%RSD	.54902	.18647	.72630	16.494	68.430	1.0624	.57416
#1	.57049	9.4808	.05899	-.00111	.42783	.10240	.73307
#2	.56608	9.4559	.05838	-.00141	.14881	.10087	.72714

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7931	.00669	.00744	.20531	.19269	-.00594	-.00134
SDev	.0112	.00208	.00074	.00050	.00032	.00363	.00154
%RSD	.62197	30.302	9.9056	.24280	.16507	61.057	115.06
#1	1.8010	.00526	.00692	.20496	.19292	-.00337	-.00025
#2	1.7852	.00813	.00796	.20566	.19247	-.00850	-.00243

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01672	-.00137	10.537	.02226	1.7558
SDev	.00063	.00046	.083	.00043	.0053
%RSD	3.7919	33.672	.79158	1.9130	.30056
#1	.01627	-.00169	10.478	.02256	1.7595
#2	.01717	-.00104	10.596	.02196	1.7520

0009.1

ethod: 6010B Sample Name: L2629-11 Operator: AD
un Time: 12/28/00 12:55:44
omment: D11B01(6-8)
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01547	-.00886	.03770	.00203	.00455	13.841	.06082
SDev	.00262	.00014	.00080	.00181	.00164	.211	.00084
%RSD	16.906	1.5345	2.1123	89.139	35.925	1.5272	1.3838
#1	.01732	-.00896	.03826	.00075	.00571	13.692	.06022
#2	.01362	-.00876	.03714	.00330	.00340	13.991	.06141

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	-.00143	31.685	.17904	.01328	.10378	29.146
SDev	.00000	.00042	.721	.00269	.00000	.00106	.621
%RSD	.12575	29.417	2.2757	1.5001	.00000	1.0248	2.1302
#1	.00165	-.00113	31.175	.17714	.01328	.10303	28.707
#2	.00165	-.00173	32.195	.18094	.01328	.10453	29.585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30251	3.8209	.02101	-.00086	1.2649	.04450	.18105
SDev	.00527	.0508	.00061	.00076	.0263	.00115	.00375
%RSD	1.7435	1.3284	2.8980	88.673	2.0797	2.5951	2.0694
#1	.29878	3.7850	.02058	-.00032	1.2463	.04531	.17841
#2	.30624	3.8568	.02144	-.00140	1.2835	.04368	.18370

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0964	.00080	.00945	.04752	.03111	-.00090	.00199
SDev	.0080	.00113	.00266	.00111	.00064	.00042	.00250
%RSD	.73111	141.26	28.101	2.3305	2.0604	46.400	125.66
#1	1.1021	.00159	.01133	.04831	.03156	-.00120	.00022
#2	1.0907	.00000	.00757	.04674	.03066	-.00061	.00376

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Jnits	ppm	ppm	ppm	ppm	ppm
Avge	.02130	.01743	7.9108	.01606	.78794
SDev	.00192	.00037	.0919	.00472	.00877
%RSD	9.0232	2.1108	1.1618	29.385	1.1126
#1	.02265	.01717	7.8458	.01940	.78174
#2	.01994	.01769	7.9758	.01273	.79414

00095

ethod: 6010B Sample Name: L2629-12 Operator: AD
un Time: 12/28/00 12:58:06
omment: D11B01(6-8)D
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01784	-.00396	.03923	.00251	.00870	14.021	.06130
SDev	.00253	.00109	.00117	.00297	.00101	.022	.00000
%RSD	14.200	27.420	2.9838	118.29	11.564	.15981	.00000
#1	.01963	-.00319	.03840	.00461	.00799	14.037	.06130
#2	.01605	-.00473	.04005	.00041	.00941	14.005	.06130

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00162	-.00134	32.461	.18094	.01343	.10404	29.740
SDev	.00005	.00084	.114	.00027	.00022	.00043	.041
%RSD	2.7599	62.838	.35209	.14830	1.6444	.41617	.13751
#1	.00159	-.00075	32.542	.18113	.01359	.10435	29.769
#2	.00165	-.00194	32.381	.18075	.01328	.10373	29.711

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30844	3.8646	.02075	.00155	1.4695	.04483	.18440
SDev	.00085	.0177	.00110	.00009	.0263	.00055	.00100
%RSD	.27507	.45685	5.2813	5.5351	1.7901	1.2188	.54196
#1	.30904	3.8771	.01998	-.00161	1.4881	.04522	.18510
#2	.30784	3.8521	.02153	-.00149	1.4509	.04445	.18369

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0772	.00407	.01534	.04894	.03269	-.00374	.00413
SDev	.0038	.00214	.00127	.00260	.00305	.00102	.00394
%RSD	.35590	52.674	8.2712	5.3167	9.3411	27.153	95.412
#1	1.0799	.00255	.01624	.05078	.03053	-.00303	.00692
#2	1.0745	.00558	.01445	.04710	.03485	-.00446	.00134

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.02409	.01874	8.0370	.01858	.79192
SDev	.00121	.00092	.0134	.00187	.00128
%RSD	5.0350	4.9105	.16614	10.056	.16122
#1	.02323	.01939	8.0464	.01990	.79282
#2	.02495	.01808	8.0275	.01726	.79101

00096 12/28/

ethod: 6010B Sample Name: L2629-13 Operator: AD
un Time: 12/28/00 13:00:43
omment: D11B01(6-8)S
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7577	1.6628	.47687	1.5531	.44743	16.504	1.9656
SDev	.0145	.0095	.00276	.0071	.00156	.025	.0057
%RSD	.82290	.57231	.57872	.45600	.34825	.14935	.29115
#1	1.7680	1.6560	.47492	1.5481	.44633	16.522	1.9616
#2	1.7475	1.6695	.47883	1.5582	.44853	16.487	1.9697

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04737	.04444	31.526	.35899	.45980	.36861	34.201
SDev	.00004	.00092	.166	.00228	.00420	.00041	.156
%RSD	.08409	2.0718	.52781	.63560	.91270	.11233	.45655
#1	.04739	.04509	31.644	.36061	.46277	.36832	34.311
#2	.04734	.04379	31.408	.35738	.45683	.36890	34.090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88740	4.0316	.46686	.04084	.48363	.48821	.63622
SDev	.00213	.0154	.00030	.00090	.07892	.00219	.00480
%RSD	.23961	.38319	.06521	2.2096	16.318	.44783	.75488
#1	.88890	4.0425	.46707	.04147	.53943	.48976	.63962
#2	.88590	4.0206	.46664	.04020	.42783	.48666	.63283

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1713	.45234	.43497	.47761	.47482	1.5547	1.5509
SDev	.0031	.00609	.00751	.00421	.00204	.0022	.0117
%RSD	.26778	1.3453	1.7265	.88106	.42894	.14387	.75667
#1	1.1736	.44804	.44028	.47463	.47338	1.5563	1.5426
#2	1.1691	.45664	.42966	.48059	.47626	1.5532	1.5592

Elem	B_2496	Mg2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.89649	.99753	6.9177	.91303	1.7597
SDev	.00667	.00018	.0342	.00907	.0004
%RSD	.74359	.01845	.49382	.99289	.02419
#1	.90121	.99740	6.9419	.91944	1.7594
#2	.89178	.99766	6.8936	.90662	1.7600

00097

Method: 6010B Sample Name: L2629-13D Operator: AD
Run Time: 12/28/00 13:02:58
Comment: D11B01(6-8)SD
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7528	1.6659	.47627	1.5549	.44658	16.401	1.9570
SDev	.0152	.0006	.00408	.0006	.00083	.063	.0050
%RSD	.86718	.03478	.85724	.04116	.18605	.38710	.25373
#1	1.7636	1.6663	.47915	1.5554	.44717	16.446	1.9605
#2	1.7421	1.6655	.47338	1.5545	.44600	16.356	1.9535

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04737	.04462	31.475	.35757	.45871	.36755	34.182
SDev	.00004	.00119	.000	.00054	.00088	.00051	.108
%RSD	.09034	2.6560	.00000	.15025	.19261	.13908	.31541
#1	.04740	.04379	31.475	.35719	.45933	.36791	34.259
#2	.04734	.04546	31.475	.35795	.45808	.36719	34.106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88431	4.0167	.46750	.04098	.43713	.48549	.63467
SDev	.00086	.0121	.00146	.00005	.11838	.00054	.00102
%RSD	.09687	.30218	.31259	.11840	27.081	.11133	.16013
#1	.88492	4.0253	.46853	.04101	.52083	.48587	.63395
#2	.88371	4.0081	.46647	.04094	.35342	.48511	.63538

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1654	.45234	.43242	.47859	.47323	1.5560	1.5529
SDev	.0157	.00113	.00475	.00520	.00353	.0062	.0041
%RSD	1.3457	.24913	1.0990	1.0860	.74512	.39894	.26136
#1	1.1543	.45154	.43578	.48227	.47573	1.5516	1.5557
#2	1.1765	.45314	.42906	.47492	.47074	1.5604	1.5500

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.89663	1.0039	6.8912	.91453	1.7555
SDev	.00207	.0044	.0078	.00347	.0057
%RSD	.23063	.43989	.11324	.37978	.32485
#1	.89809	1.0070	6.8967	.91698	1.7595
#2	.89517	1.0008	6.8857	.91207	1.7514

00098

ethod: 6010B Sample Name: CCV1 Operator: AD
un Time: 12/28/00 13:05:15
omment: CCV
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4522	2.4589	2.4397	2.3621	2.4542	4.8244	5.1088
SDev	.0211	.0018	.0093	.0098	.0057	.0128	.0321
%RSD	.86103	.07154	.38179	.41328	.23120	.26571	.62752
#1	2.4671	2.4577	2.4463	2.3690	2.4502	4.8153	5.0861
#2	2.4373	2.4602	2.4331	2.3552	2.4582	4.8334	5.1314

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12580	1.2488	12.210	.49464	1.2413	.61264	2.4326
SDev	.00091	.0085	.230	.00698	.0162	.00868	.0477
%RSD	.72627	.67837	1.8874	1.4115	1.3089	1.4171	1.9596
#1	.12645	1.2548	12.373	.49958	1.2528	.60650	2.4663
#2	.12516	1.2428	12.047	.48971	1.2298	.61878	2.3989

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2563	12.167	1.2417	.60819	11.471	1.2416	1.2521
SDev	.0161	.014	.0177	.00451	.119	.0086	.0197
%RSD	1.2816	.11819	1.4259	.74223	1.0360	.68892	1.5733
#1	1.2677	12.156	1.2542	.61138	11.555	1.2476	1.2660
#2	1.2450	12.177	1.2292	.60500	11.387	1.2355	1.2381

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.456	2.4473	2.4653	2.4050	2.4555	2.3613	2.3610
SDev	.150	.0153	.0136	.0007	.0143	.0027	.0161
%RSD	1.2046	.62436	.55028	.02898	.58288	.11487	.68285
#1	12.349	2.4365	2.4749	2.4045	2.4656	2.3594	2.3724
#2	12.562	2.4581	2.4557	2.4055	2.4454	2.3632	2.3496

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Jnits	ppm	ppm	ppm	ppm	ppm
Avge	2.4306	2.5138	2.4301	2.4540	2.5205
SDev	.0066	.0113	.0207	.0272	.0044
%RSD	.26970	.44884	.85367	1.1100	.17483
#1	2.4259	2.5217	2.4448	2.4732	2.5174
#2	2.4352	2.5058	2.4155	2.4347	2.5236

12/28

00095

ethod: 6010B Sample Name: CCB Operator: AD
un Time: 12/28/00 13:07:46
omment: CCB
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00484	-.00313	.00092	.00152	.00392	.00000	.00013
SDev	.00220	.00210	.00001	.00268	.00232	.00322	.00018
%RSD	45.414	67.068	1.5484	176.84	59.063	7345800.	141.42
#1	.00328	-.00461	.00093	.00341	.00556	-.00228	.00025
#2	.00639	-.00164	.00091	-.00038	.00228	.00228	-.00000

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00083	.00000	.00116	.00034	-.00781	-.02528
SDev	.00024	.00003	.00186	.00045	.00024	.00007	.00397
%RSD	723.91	3.1615	798e6	38.564	70.711	.93744	15.713
#1	-.00020	.00085	.00131	.00084	.00051	-.00786	-.02247
#2	.00013	.00081	-.00131	.00147	.00017	-.00776	-.02809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00678	-.00041	-.00034	.14229	-.00043	-.00651
SDev	.00000	.00120	.00058	.00000	.23219	.00000	.00043
%RSD	.32313	17.678	141.42	.53013	163.18	.08130	6.5733
#1	-.00011	.00763	-.00082	-.00034	.30648	-.00043	-.00621
#2	-.00011	.00593	-.00000	-.00034	-.02189	-.00043	-.00681

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Jnits	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01320	-.00049	.01013	.00204	-.00132	.00760	-.00302
SDev	.00415	.00324	.00046	.00149	.00072	.00178	.00313
%RSD	31.427	661.12	4.5653	73.259	54.760	23.395	103.51
#1	.01027	.00180	.01046	.00309	-.00183	.00886	-.00081
#2	.01613	-.00278	.00980	.00098	-.00081	.00635	-.00524

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Jnits	ppm	ppm	ppm	ppm	ppm
Avge	.01883	-.00066	-.11637	.00142	-.00033
SDev	.00147	.00094	.00304	.00717	.00000
%RSD	7.8150	141.42	2.6159	505.96	.00000
#1	.01987	-.00000	-.11421	-.00365	-.00033
#2	.01779	-.00133	-.11852	.00648	-.00033

12/28/00

ethod: 6010B Sample Name: L2629-11LX5 Operator: AD
un Time: 12/28/00 13:21:29
omment: D11B01(6-8)LX5
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00399	-.00567	.00722	-.00239	.00325	2.7476	.01196
SDev	.00085	.00381	.00206	.00082	.00255	.0153	.00009
%RSD	21.194	67.106	28.568	34.284	78.301	.55735	.74043
#1	.00339	-.00298	.00868	-.00181	.00145	2.7368	.01190
#2	.00458	-.00836	.00577	-.00297	.00505	2.7585	.01202

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	-.00022	6.6669	.03783	.00405	.01336	6.1180
SDev	.00009	.00009	.0372	.00089	.00024	.00029	.0318
%RSD	29.796	40.985	.55755	2.3572	5.8926	2.1798	.51944
#1	.00038	-.00015	6.6406	.03846	.00389	.01356	6.0955
#2	.00025	-.00028	6.6932	.03720	.00422	.01315	6.1404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06449	.79054	.00311	-.00099	.22986	.00940	.03384
SDev	.00032	.00479	.00168	.00022	.01548	.00000	.00065
%RSD	.49055	.60631	54.073	21.742	6.7344	.02974	1.9093
#1	.06427	.78715	.00430	-.00084	.21891	.00940	.03430
#2	.06472	.79393	.00192	-.00115	.24081	.00940	.03338

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20557	.00131	.00451	-.00054	.00942	-.00027	-.00486
SDev	.00242	.00347	.00069	.00474	.00073	.00029	.00151
%RSD	1.1771	264.98	15.331	873.67	7.7145	105.76	31.005
#1	.20728	-.00114	.00403	.00281	.00993	-.00048	-.00379
#2	.20386	.00377	.00500	-.00390	.00890	-.00007	-.00592

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01894	.00166	1.5892	.00112	.16482
SDev	.00227	.00009	.0004	.00028	.00066
%RSD	11.996	5.6568	.02395	25.162	.39821
#1	.02055	.00160	1.5889	.00132	.16435
#2	.01733	.00173	1.5895	.00092	.16528

03101

12/28/00

ethod: 6010B Sample Name: L2629-14 Operator: AD
un Time: 12/28/00 13:24:11
omment: D11B01(10-12)
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00564	-.00526	.01238	.00030	.00500	6.2265	.04027
SDev	.00608	.00205	.00076	.00251	.00087	.0637	.00044
%RSD	107.80	39.092	6.1150	824.79	17.479	1.0226	1.0997
#1	.00134	-.00671	.01185	.00208	.00438	6.2715	.04058
#2	.00994	-.00380	.01292	-.00147	.00562	6.1815	.03995

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	-.00289	2.3012	.04959	.00794	.01846	29.067
SDev	.00014	.00039	.0074	.00059	.00048	.00016	.151
%RSD	21.466	13.347	.32307	1.1987	6.0179	.87913	.51933
#1	.00056	-.00316	2.3064	.04917	.00760	.01857	29.174
#2	.00076	-.00262	2.2959	.05001	.00828	.01834	28.961

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52104	1.4879	.01247	-.00215	.94133	.02294	.04841
SDev	.00158	.0060	.00187	.00051	.09288	.00001	.00044
%RSD	.30339	.40268	15.023	23.608	9.8666	.05790	.91929
#1	.52216	1.4921	.01115	-.00251	.87566	.02293	.04810
#2	.51992	1.4836	.01380	-.00179	1.0070	.02295	.04873

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78634	.00319	.00600	.02375	.00502	-.00226	.00009
SDev	.00933	.00498	.01260	.00211	.00219	.00649	.00053
%RSD	1.1869	155.90	210.07	8.8689	43.526	286.64	600.55
#1	.79294	.00671	-.00291	.02523	.00348	.00232	.00046
#2	.77974	-.00033	.01490	.02226	.00657	-.00685	-.00028

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00947	.00279	1.7447	.01673	.34773
SDev	.00042	.00038	.0055	.00231	.00244
%RSD	4.4403	13.469	.31630	13.813	.70104
#1	.00917	.00253	1.7486	.01837	.34946
#2	.00977	.00306	1.7408	.01510	.34601

03102

ethod: 6010B Sample Name: L2629-15 Operator: AD
un Time: 12/28/00 13:26:57
omment: D10B01(5-7)
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01620	-.00291	.17956	.00234	.00983	20.156	.14240
SDev	.00186	.00454	.00104	.00264	.00120	.054	.00035
%RSD	11.467	155.96	.58121	112.87	12.226	.26793	.24876
#1	.01489	-.00612	.17882	.00047	.01068	20.117	.14215
#2	.01752	.00030	.18030	.00420	.00898	20.194	.14265

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.00277	3.4419	.07260	.02416	.21928	34.441
SDev	.00010	.00110	.0112	.00045	.00000	.00066	.060
%RSD	9.2464	39.601	.32399	.61444	.00000	.29940	.17302
#1	.00096	.00199	3.4498	.07228	.02416	.21882	34.483
#2	.00110	.00355	3.4340	.07291	.02416	.21974	34.399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74449	2.7275	.03454	.00059	-.85377	.05662	.74655
SDev	.00251	.0024	.00142	.00014	.09288	.00061	.00128
%RSD	.33658	.08786	4.1154	23.992	10.879	1.0704	.17126
#1	.74626	2.7258	.03354	.00069	-.78809	.05705	.74745
#2	.74271	2.7292	.03555	.00049	-.91944	.05619	.74564

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73525	.00786	.01115	.18797	.17349	-.00061	.00240
SDev	.01383	.00301	.00242	.00120	.00096	.00522	.00121
%RSD	1.8806	38.302	21.705	.64098	.55516	849.87	50.442
#1	.72547	.00999	.00944	.18712	.17281	-.00431	.00155
#2	.74503	.00573	.01286	.18882	.17417	.00308	.00326

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00311	-.00027	2.6571	.02825	1.0690
SDev	.00157	.00019	.0049	.00015	.0016
%RSD	50.563	70.711	.18622	.52101	.14910
#1	.00422	-.00040	2.6606	.02836	1.0701
#2	.00200	-.00013	2.6536	.02815	1.0679

00103

12/28

ethod: 6010B Sample Name: L2629-16 Operator: AD
un Time: 12/28/00 13:30:45
omment: D10B01(7-9)
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01395	-.00983	.08337	.00078	.00951	16.017	.08391
SDev	.00034	.00014	.00001	.00329	.00112	.174	.00089
%RSD	2.4270	1.4491	.01726	420.86	11.819	1.0869	1.0554
#1	.01371	-.00993	.08336	-.00154	.00871	16.140	.08454
#2	.01419	-.00972	.08338	.00311	.01030	15.894	.08329

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	-.00119	2.1027	.06335	.01504	.07786	45.539
SDev	.00009	.00023	.0093	.00015	.00143	.00105	.167
%RSD	8.0256	19.103	.44194	.23459	9.5340	1.3447	.36638
#1	.00124	-.00135	2.1093	.06325	.01402	.07860	45.657
#2	.00111	-.00103	2.0961	.06346	.01605	.07712	45.421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32195	1.9065	.01764	-.00134	.47067	.05089	.26634
SDev	.00127	.0204	.00129	.00016	.04644	.00002	.00191
%RSD	.39520	1.0685	7.3275	11.611	9.8666	.02885	.71667
#1	.32285	1.9209	.01855	-.00145	.43783	.05088	.26768
#2	.32105	1.8921	.01672	-.00123	.50350	.05090	.26499

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64970	.00630	.01293	.09614	.07513	-.00552	.00252
SDev	.00760	.00243	.00149	.00068	.00036	.00099	.00430
%RSD	1.1705	38.569	11.558	.70488	.47904	18.013	170.47
#1	.65508	.00458	.01398	.09662	.07487	-.00623	-.00052
#2	.64432	.00802	.01187	.09566	.07538	-.00482	.00557

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00482	-.00246	5.0063	.02160	.79067
SDev	.00051	.00028	.0158	.00256	.00384
%RSD	10.519	11.467	.31544	11.837	.48619
#1	.00446	-.00226	5.0174	.01979	.79339
#2	.00518	-.00266	4.9951	.02341	.78795

00104

12/28

ethod: 6010B Sample Name: L2629-17 Operator: AD
un Time: 12/28/00 13:33:35
omment: D10B01(9-11)
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06073	.00981	.95123	-.00657	.01244	11.755	.26126
SDev	.00009	.00076	.00744	.00097	.00632	.038	.00089
%RSD	.13968	7.7453	.78239	14.758	50.802	.32227	.33898
#1	.06079	.01034	.95649	-.00588	.00797	11.728	.26063
#2	.06067	.00927	.94596	-.00725	.01691	11.782	.26188

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00227	.01590	6.7839	.22695	.01656	1.2777	104.17
SDev	.00014	.00032	.0093	.00074	.00024	.0038	.01
%RSD	6.2184	2.0338	.13698	.32742	1.4431	.29958	.00763
#1	.00217	.01567	6.7905	.22748	.01639	1.2750	104.17
#2	.00237	.01613	6.7773	.22643	.01673	1.2804	104.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43947	2.2844	.14823	.00191	.07184	.42176	1.0662
SDev	.00125	.0012	.00452	.00023	.15965	.00000	.0058
%RSD	.28409	.05246	3.0516	11.848	222.23	.00016	.54246
#1	.44035	2.2835	.15142	.00207	-.04105	.42176	1.0702
#2	.43859	2.2852	.14503	.00175	.18473	.42176	1.0621

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46858	.00974	.01522	.97596	.93719	-.01844	-.00214
SDev	.00657	.00451	.00993	.01440	.00397	.00159	.00066
%RSD	1.4017	46.350	65.284	1.4754	.42347	8.6172	30.826
#1	.46393	.00655	.00819	.98614	.94000	-.01731	-.00167
#2	.47322	.01293	.02224	.96578	.93439	-.01956	-.00261

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00243	.03125	3.8526	.23975	.54139
SDev	.00197	.00019	.0053	.00602	.00384
%RSD	81.336	.60180	.13830	2.5121	.71005
#1	-.00382	.03111	3.8563	.23549	.53867
#2	-.00103	.03138	3.8488	.24401	.54411

00105

12/28/

ethod: 6010B Sample Name: L2629-18 Operator: AD
un Time: 12/28/00 13:37:55
omment: D10B01(11-13)
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00585	-.00119	.04245	-.00565	.00730	10.778	.43185
SDev	.00560	.00668	.00029	.00028	.00048	.073	.00217
%RSD	95.628	560.91	.67469	4.9602	6.6143	.67391	.50312
#1	.00981	-.00592	.04265	-.00545	.00764	10.727	.43031
#2	.00190	.00353	.04225	-.00585	.00696	10.829	.43338

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00159	.00656	3.3248	.10331	.00623	.31602	58.629
SDev	.00015	.00119	.0596	.00168	.00078	.00000	.733
%RSD	9.7000	18.148	1.7941	1.6219	12.478	.00118	1.2504
#1	.00170	.00740	3.2826	.10213	.00679	.31602	58.110
#2	.00148	.00572	3.3670	.10450	.00568	.31602	59.147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19612	2.8586	.01526	-.00392	-.28409	.05892	.38103
SDev	.00273	.0230	.00068	.00020	.36524	.00063	.00598
%RSD	1.3935	.80407	4.4754	5.1274	128.56	1.0736	1.5703
#1	.19419	2.8424	.01477	-.00407	-.02583	.05847	.37680
#2	.19805	2.8749	.01574	-.00378	-.54236	.05936	.38526

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1639	.00377	.01173	.05674	.03353	-.01465	-.00266
SDev	.0057	.00130	.00406	.00441	.00164	.00077	.00004
%RSD	.48974	34.572	34.623	7.7680	4.8865	5.2386	1.3992
#1	1.1598	.00285	.01461	.05986	.03237	-.01411	-.00263
#2	1.1679	.00470	.00886	.05362	.03469	-.01519	-.00269

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00921	.00264	2.3035	.04572	.50934
SDev	.00153	.00112	.0236	.00377	.00363
%RSD	16.597	42.426	1.0236	8.2348	.71181
#1	-.00813	.00343	2.2869	.04839	.50678
#2	-.01029	.00185	2.3202	.04306	.51191

00106

12/28/00

ethod: 6010B Sample Name: L2629-19 Operator: AD
un Time: 12/28/00 13:40:33
omment: D10B01(13-15)
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00100	-.01010	.01233	-.00109	.00777	5.1347	.09726
SDev	.00052	.00415	.00153	.00311	.00109	.0177	.00057
%RSD	51.662	41.054	12.391	286.17	13.975	.34502	.58279
#1	-.00063	-.00717	.01125	-.00328	.00700	5.1472	.09766
#2	-.00136	-.01303	.01341	.00111	.00854	5.1221	.09686

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00152	-.00094	1.3293	.02381	.00568	.04512	24.126
SDev	.00026	.00030	.0103	.00050	.00104	.00022	.147
%RSD	16.887	32.111	.77364	2.1103	18.248	.47891	.60770
#1	.00134	-.00073	1.3366	.02417	.00642	.04497	24.230
#2	.00170	-.00115	1.3221	.02346	.00495	.04527	24.023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36526	1.2783	.01332	-.00261	.25826	.01858	.15996
SDev	.00284	.0054	.00178	.00007	.00000	.00068	.00200
%RSD	.77860	.42309	13.322	2.5252	.00000	3.6825	1.2536
#1	.36727	1.2821	.01458	-.00257	.25826	.01906	.16138
#2	.36325	1.2744	.01207	-.00266	.25826	.01809	.15854

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.68732	.00335	.01398	.02275	.00544	-.00338	-.00144
SDev	.01107	.00119	.00089	.00110	.00284	.00299	.00317
%RSD	1.6098	35.354	6.3294	4.8399	52.195	88.489	219.96
#1	.69514	.00252	.01336	.02353	.00343	-.00550	-.00368
#2	.67949	.00419	.01461	.02197	.00745	-.00127	.00080

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00560	-.00079	1.7011	.02315	.31254
SDev	.00301	.00000	.0067	.00232	.00235
%RSD	53.752	.00000	.39430	10.023	.75061
#1	-.00347	-.00079	1.7058	.02479	.31420
#2	-.00773	-.00079	1.6963	.02151	.31088

00107

MP 12/28/

ethod: 6010B Sample Name: L2615-01T Operator: AD
un Time: 12/28/00 13:50:30
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00681	-.00488	.00160	.00039	-.00093	.00114	.00789
SDev	.00110	.00878	.00243	.00104	.00278	.01290	.00000
%RSD	16.129	179.78	151.52	267.07	299.78	1131.3	.00000
#1	.00758	.00132	.00332	-.00035	.00104	-.00798	.00789
#2	.00603	-.01109	-.00011	.00113	-.00289	.01026	.00789

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	.00139	.02497	-.00074	-.00034	-.00822	-.03090
SDev	.00019	.00060	.00000	.00074	.00024	.00051	.00397
%RSD	20.186	42.937	.00000	101.04	70.711	6.2584	12.856
#1	.00080	.00181	.02497	-.00126	-.00017	-.00859	-.02809
#2	.00107	.00097	.02497	-.00021	-.00051	-.00786	-.03371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	.00678	.00119	-.00172	232.73	-.00043	.00758
SDev	.00047	.00120	.00090	.00012	4.14	.00000	.00064
%RSD	105.23	17.678	76.150	6.7837	1.7774	.08139	8.4755
#1	-.00078	.00763	.00055	-.00164	235.65	-.00043	.00803
#2	-.00011	.00593	.00183	-.00181	229.80	-.00043	.00712

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03471	-.00196	-.00147	-.00912	.00527	.00839	-.00510
SDev	.00760	.00232	.00370	.00427	.00151	.00028	.00170
%RSD	21.910	117.85	251.00	46.804	28.729	3.3643	33.395
#1	.02933	-.00033	.00114	-.00610	.00634	.00859	-.00631
#2	.04009	-.00360	-.00409	-.01213	.00420	.00819	-.00390

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	-.00372	-.12471	-.00690	-.00099
SDev	.00079	.00075	.00076	.00287	.00019
%RSD	542.89	20.203	.61053	41.578	18.856
#1	-.00070	-.00425	-.12525	-.00892	-.00113
#2	.00041	-.00319	-.12417	-.00487	-.00086

00103

ethod: 6010B Sample Name: PBW Operator: AD
un Time: 12/28/00 13:53:07
omment: PBW
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00322	-.00286	.00244	.00191	.00289	.00571	-.00100
SDev	.00329	.00668	.00061	.00155	.00115	.01292	.00000
%RSD	102.14	233.71	24.848	80.819	39.877	226.27	.00000
#1	.00555	-.00758	.00287	.00301	.00370	.01485	-.00100
#2	.00090	.00186	.00201	.00082	.00207	-.00343	-.00100

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00014	-.00394	.00231	-.00017	-.00807	-.02809
SDev	.00005	.00057	.00372	.00059	.00048	.00030	.00795
%RSD	46.779	404.33	94.281	25.711	282.84	3.6582	28.284
#1	.00014	-.00026	-.00131	.00189	-.00051	-.00828	-.03371
#2	.00007	.00054	-.00657	.00273	.00017	-.00786	-.02247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	.01017	.00014	-.00034	.04382	-.00043	-.00666
SDev	.00016	.00120	.00058	.00069	.03099	.00000	.00064
%RSD	35.252	11.785	424.26	205.27	70.711	.16269	9.6600
#1	-.00056	.00932	.00055	-.00083	.02191	-.00043	-.00621
#2	-.00033	.01102	-.00027	.00015	.06573	-.00043	-.00712

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01955	.00098	.00408	.00794	-.00199	.00813	-.00269
SDev	.00346	.00069	.00485	.00399	.00108	.00009	.00227
%RSD	17.678	70.713	118.86	50.214	54.367	1.1204	84.446
#1	.02200	.00049	.00751	.01076	-.00275	.00819	-.00108
#2	.01711	.00147	.00065	.00512	-.00122	.00807	-.00430

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00044	-.00206	-.12242	-.00193	-.00040
SDev	.00101	.00085	.00057	.00072	.00009
%RSD	229.29	41.058	.46633	37.181	23.570
#1	-.00027	-.00266	-.12282	-.00244	-.00033
#2	.00115	-.00146	-.12202	-.00142	-.00046

00109

12/28/

ethod: 6010B Sample Name: L2629-20 Operator: AD
un Time: 12/28/00 13:58:48
omment: FB122600
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	-.00692	-.00064	-.00150	.00295	.00057	-.00094
SDev	.00338	.00555	.00124	.00065	.00193	.00242	.00009
%RSD	435.50	80.199	195.05	43.207	65.457	424.27	9.4281
#1	-.00161	-.01084	.00024	-.00104	.00158	.00228	-.00100
#2	.00316	-.00300	-.00152	-.00196	.00431	-.00114	-.00088

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00056	-.00263	.00158	-.00034	-.00817	-.02528
SDev	.00005	.00051	.00186	.00045	.00024	.00000	.01986
%RSD	132.03	90.959	70.711	28.292	70.711	.02641	78.567
#1	.00000	.00092	-.00394	.00189	-.00051	-.00817	-.01124
#2	.00007	.00020	-.00131	.00126	-.00017	-.00817	-.03933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	.00508	.00164	-.00074	.07669	-.00086	-.00681
SDev	.00000	.00120	.00065	.00058	.07747	.00061	.00000
%RSD	.66956	23.570	39.284	78.567	101.02	71.096	.03172
#1	-.00033	.00424	.00210	-.00033	.02191	-.00130	-.00681
#2	-.00034	.00593	.00119	-.00116	.13146	-.00043	-.00681

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01222	.00205	.00212	-.00120	-.00204	.00297	-.00524
SDev	.00346	.00151	.00278	.00490	.00058	.00421	.00113
%RSD	28.284	73.531	130.98	407.06	28.555	141.84	21.593
#1	.01467	.00098	.00016	.00226	-.00245	.00595	-.00604
#2	.00978	.00311	.00408	-.00467	-.00163	-.00001	-.00444

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00684	-.00306	-.12820	.00202	-.00066
SDev	.00152	.00056	.00076	.00115	.00009
%RSD	22.222	18.446	.59386	56.741	14.142
#1	.00577	-.00346	-.12767	.00284	-.00060
#2	.00792	-.00266	-.12874	.00121	-.00073

00110

Method: 6010B Sample Name: CCV1 Operator: AD
Run Time: 12/28/00 14:01:23
Comment: CCV
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4189	2.3091	2.3845	2.2965	2.3741	4.5157	4.8759
SDev	.0077	.0040	.0058	.0013	.0072	.0089	.0079
%RSD	.31765	.17354	.24201	.05496	.30487	.19675	.16165
#1	2.4244	2.3063	2.3885	2.2974	2.3792	4.5220	4.8815
#2	2.4135	2.3120	2.3804	2.2956	2.3690	4.5094	4.8703

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12111	1.2278	11.498	.46661	1.1896	.59611	2.3680
SDev	.00089	.0097	.104	.00505	.0072	.00044	.0040
%RSD	.73041	.78787	.90520	1.0822	.60256	.07369	.16776
#1	.12173	1.2346	11.572	.47018	1.1947	.59642	2.3708
#2	.12048	1.2210	11.424	.46304	1.1845	.59580	2.3652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1761	11.417	1.2074	.57004	11.943	1.1569	1.2171
SDev	.0102	.066	.0144	.00380	.089	.0098	.0096
%RSD	.86373	.57727	1.1935	.66720	.74509	.84538	.79171
#1	1.1833	11.463	1.2176	.57273	11.880	1.1638	1.2239
#2	1.1689	11.370	1.1972	.56735	12.006	1.1500	1.2103

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.338	2.4046	2.3103	2.3668	2.3918	2.3158	2.2855
SDev	.000	.0103	.0011	.0102	.0036	.0127	.0045
%RSD	.00209	.42845	.04756	.43172	.14844	.54919	.19502
#1	12.338	2.4119	2.3110	2.3740	2.3943	2.3248	2.2824
#2	12.338	2.3974	2.3095	2.3596	2.3893	2.3068	2.2887

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	2.3928	2.5070	2.2543	2.3668	2.3409
SDev	.0129	.0135	.0183	.0166	.0173
%RSD	.54044	.54006	.81031	.70259	.73696
#1	2.4020	2.5166	2.2672	2.3785	2.3531
#2	2.3837	2.4974	2.2414	2.3550	2.3287

00111

ethod: 6010B Sample Name: CCB Operator: AD
un Time: 12/28/00 14:03:59
omment: CCB
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	-.00544	-.00032	-.00081	.00398	.01314	-.00063
SDev	.00279	.00078	.00213	.00078	.00455	.00081	.00000
%RSD	291.97	14.414	668.45	96.653	114.28	6.1491	.00000
#1	.00293	-.00600	.00119	-.00026	.00720	.01371	-.00063
#2	-.00102	-.00489	-.00182	-.00136	.00076	.01256	-.00063

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	.00013	-.00657	.00021	-.00084	-.00885	-.05056
SDev	.00000	.00011	.00000	.00030	.00048	.00022	.00795
%RSD	.13644	87.350	.00000	141.12	56.569	2.4834	15.713
#1	.00081	.00005	-.00657	.00000	-.00118	-.00901	-.04494
#2	.00081	.00020	-.00657	.00042	-.00051	-.00870	-.05618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	.00424	.00027	-.00165	-.05478	-.00086	-.00681
SDev	.00016	.00240	.00026	.00000	.07747	.00061	.00000
%RSD	68.669	56.569	94.281	.21643	141.42	71.158	.01354
#1	-.00034	.00593	.00009	-.00165	-.10955	-.00129	-.00681
#2	-.00012	.00254	.00046	-.00165	.00000	-.00043	-.00681

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00929	.00221	.00490	.00015	-.00224	.00561	-.00551
SDev	.00622	.00428	.00508	.00117	.00260	.00234	.00000
%RSD	66.989	193.76	103.73	792.35	116.34	41.722	.05275
#1	-.00489	.00524	.00849	.00098	-.00040	.00727	-.00551
#2	-.01369	-.00082	.00131	-.00068	-.00408	.00396	-.00551

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00946	-.00239	-.13022	.00212	-.00086
SDev	.00068	.00075	.00323	.00072	.00019
%RSD	7.2168	31.427	2.4838	33.705	21.757
#1	.00995	-.00186	-.12794	.00162	-.00073
#2	.00898	-.00293	-.13251	.00263	-.00099

00112

12/28/00

lethod: 6010B Sample Name: PBW Operator: AD
.un Time: 12/28/00 14:06:31
'omment: PBW
'ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00167	-.00692	-.00137	-.00007	.00321	.01028	-.00069
SDev	.00177	.00322	.00094	.00102	.00170	.00808	.00009
%RSD	106.12	46.520	68.942	1463.6	52.868	78.568	12.856
#1	.00042	-.00920	-.00203	-.00079	.00201	.00457	-.00063
#2	.00293	-.00465	-.00070	.00065	.00441	.01599	-.00075

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	.00064	-.00657	.00084	.00101	-.00875	-.03933
SDev	.00033	.00003	.00000	.00030	.00072	.00007	.00795
%RSD	43.097	4.5004	.00000	35.317	70.711	.83039	20.203
#1	.00054	.00066	-.00657	.00105	.00152	-.00869	-.04494
#2	.00101	.00062	-.00657	.00063	.00051	-.00880	-.03371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00056	.00339	-.00073	-.00124	-.07669	-.00086	-.00711
SDev	.00031	.00120	.00052	.00034	.17042	.00061	.00043
%RSD	55.963	35.355	70.711	27.592	222.23	71.076	6.0096
#1	-.00034	.00424	-.00110	-.00100	.04382	-.00043	-.00742
#2	-.00078	.00254	-.00037	-.00148	-.19720	-.00129	-.00681

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00318	-.00057	.00816	.00120	-.00434	.00608	-.00464
SDev	.00104	.00289	.00070	.00224	.00253	.00093	.00199
%RSD	32.636	505.36	8.5406	186.18	58.369	15.366	42.982
#1	.00391	-.00262	.00866	.00279	-.00613	.00674	-.00605
#2	.00244	.00147	.00767	-.00038	-.00255	.00542	-.00323

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00746	-.00279	-.12915	.00162	-.00073
SDev	.00125	.00056	.00171	.00172	.00038
%RSD	16.804	20.203	1.3259	106.23	51.426
#1	.00835	-.00319	-.13036	.00283	-.00046
#2	.00658	-.00239	-.12794	.00040	-.00099

00113

ethod: 6010B Sample Name: LCSW Operator: AD
un Time: 12/28/00 14:20:22
omment: LCSW
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05618	.10239	5.2932	.05237	1.0082	2.0274	2.0493
SDev	.00000	.00727	.0755	.00111	.0002	.0081	.0066
%RSD	.00752	7.1014	1.4265	2.1238	.02435	.39838	.32412
#1	.05617	.10753	5.3466	.05316	1.0080	2.0331	2.0540
#2	.05618	.09725	5.2398	.05158	1.0084	2.0217	2.0446

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45604	.61104	49.098	.45552	.52477	.47793	1.9298
SDev	.00882	.01264	1.098	.00862	.01075	.00044	.0516
%RSD	1.9337	2.0692	2.2372	1.8918	2.0489	.09304	2.6761
#1	.46227	.61998	49.875	.46161	.53237	.47825	1.9663
#2	.44980	.60210	48.322	.44942	.51717	.47762	1.8933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46912	24.243	.48415	.55907	51.100	.43681	3.0162
SDev	.00876	.186	.00737	.00812	.243	.00733	.0630
%RSD	1.8667	.76612	1.5215	1.4529	.47501	1.6782	2.0873
#1	.47531	24.375	.48936	.56481	51.272	.44200	3.0607
#2	.46293	24.112	.47895	.55332	50.928	.43163	2.9716

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	54.220	1.0501	.92160	5.2977	5.2891	.05490	.04961
SDev	.161	.0027	.00607	.0602	.0831	.00198	.00068
%RSD	.29710	.25371	.65903	1.1370	1.5717	3.5985	1.3732
#1	54.106	1.0520	.91730	5.3403	5.3479	.05629	.05009
#2	54.334	1.0482	.92589	5.2551	5.2303	.05350	.04913

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	4.9981	5.1183	Q3.8188	4.9600	4.7171
SDev	.0432	.0506	.0500	.1008	.0440
%RSD	.86391	.98888	1.3103	2.0318	.93220
#1	5.0287	5.1511	Q3.8542	5.0312	4.7482
#2	4.9676	5.0795	Q3.7834	4.8887	4.6860

00114

12/28

ethod: 6010B Sample Name: L2616-01 Operator: AD
un Time: 12/28/00 14:23:48
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00143	-.00273	.00068	-.00557	.00295	.14449	.01966
SDev	.00000	.00015	.00015	.00192	.00023	.00081	.00018
%RSD	.00698	5.4599	22.220	34.471	7.8356	.55901	.90076
#1	.00143	-.00263	.00079	-.00421	.00278	.14506	.01954
#2	.00143	-.00284	.00057	-.00693	.00311	.14392	.01979

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	-.00168	55.114	.00231	.00068	-.00613	33.427
SDev	.00014	.00044	.290	.00059	.00072	.00005	.262
%RSD	15.910	25.984	.52607	25.712	106.07	.77008	.78436
#1	.00080	-.00137	54.909	.00073	.00017	-.00610	33.242
#2	.00100	-.00199	55.319	.00189	.00118	-.00616	33.612

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59730	9.3221	.00119	-.00280	66.794	.00225	.01991
SDev	.00268	.0395	.00026	.00000	1.007	.00063	.00040
%RSD	.44960	.42419	21.757	.09967	1.5077	28.253	2.0023
#1	.59540	9.2942	.00137	-.00280	66.082	.00269	.01963
#2	.59920	9.3501	.00101	-.00279	67.507	.00180	.02019

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.6385	-.00041	.00704	.00773	-.00453	-.00291	-.00840
SDev	.1113	.00243	.00416	.00256	.00150	.00405	.00086
%RSD	1.4572	598.16	59.115	33.067	33.174	139.30	10.201
#1	7.5598	-.00213	.00998	.00592	-.00347	-.00004	-.00780
#2	7.7172	.00131	.00410	.00954	-.00559	-.00577	-.00901

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.06351	-.00213	2.5562	-.00689	.00245
SDev	.00107	.00113	.0112	.00012	.00038
%RSD	1.6860	53.033	.43921	1.7006	15.289
#1	.06276	-.00133	2.5483	-.00681	.00272
#2	.06427	-.00293	2.5642	-.00697	.00219

00115

ethod: 6010B Sample Name: L2616-03 Operator: AD
un Time: 12/28/00 14:26:34
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	-.01069	.00026	.00524	.00219	.00343	.05780
SDev	.00000	.00160	.00300	.00094	.00031	.00323	.00009
%RSD	.02853	15.000	1163.7	17.984	14.122	94.283	.15322
#1	.00071	-.01182	-.00186	.00590	.00241	.00571	.05774
#2	.00071	-.00956	.00238	.00457	.00197	.00114	.05786

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.00161	61.673	.00252	.00169	-.00739	1.0393
SDev	.00010	.00022	.139	.00000	.00072	.00007	.0000
%RSD	8.9739	13.458	.22602	.00000	42.426	.99557	.00000
#1	.00113	.00146	61.771	.00252	.00220	-.00734	1.0393
#2	.00099	.00176	61.574	.00252	.00118	-.00744	1.0393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02233	2.4335	.01115	-.00116	12.226	.00899	.15552
SDev	.00000	.0132	.00116	.00000	.031	.00000	.00064
%RSD	.00032	.54166	10.433	.00000	.25344	.00000	.41296
#1	.02233	2.4428	.01033	-.00116	12.204	.00899	.15597
#2	.02233	2.4242	.01197	-.00116	12.248	.00899	.15506

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8286	-.00303	.01002	.00233	-.00246	.01255	.00009
SDev	.0045	.00081	.00069	.00437	.00231	.00131	.00076
%RSD	.24575	26.770	6.9142	187.40	93.932	10.436	860.89
#1	1.8254	-.00245	.00953	-.00076	-.00410	.01348	.00062
#2	1.8318	-.00360	.01051	.00542	-.00083	.01163	-.00045

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.02942	-.00060	3.6975	-.00476	.00192
SDev	.00194	.00009	.0027	.00229	.00038
%RSD	6.5829	15.713	.07204	48.173	19.506
#1	.03079	-.00066	3.6994	-.00314	.00166
#2	.02806	-.00053	3.6956	-.00638	.00219

00116

12/28/00

Method: 6010B Sample Name: L2616-04 Operator: AD
Run Time: 12/28/00 14:30:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	-.00378	.00021	-.00174	.00181	1.1788	.02530
SDev	.00118	.00582	.00046	.00042	.00042	.0065	.00000
%RSD	252.21	153.94	220.49	24.175	23.194	.54814	.00000
#1	.00131	-.00790	-.00012	-.00204	.00211	1.1742	.02530
#2	-.00037	.00033	.00054	-.00144	.00152	1.1833	.02530

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	-.00014	7.1874	.00410	.00118	-.00669	8.5618
SDev	.00000	.00029	.0037	.00045	.00048	.00044	.0238
%RSD	.00035	209.35	.05172	10.881	40.406	6.5647	.27839
#1	.00107	-.00035	7.1900	.00441	.00152	-.00638	8.5449
#2	.00107	.00007	7.1847	.00378	.00084	-.00700	8.5787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07014	2.2056	.00032	-.00152	50.307	.00227	.08655
SDev	.00016	.0048	.00006	.00001	.372	.00000	.00107
%RSD	.22674	.21732	20.203	.70410	.73913	.09231	1.2402
#1	.07003	2.2089	.00037	-.00153	50.044	.00227	.08731
#2	.07025	2.2022	.00027	-.00152	50.570	.00227	.08579

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9464	-.00147	.00577	-.00303	.00014	.00503	-.00662
SDev	.0017	.00118	.00358	.00107	.00123	.00046	.00086
%RSD	.08880	78.640	62.106	35.243	872.39	9.1972	13.016
#1	1.9452	-.00229	.00830	-.00228	-.00073	.00535	-.00723
#2	1.9476	-.00065	.00323	-.00379	.00101	.00470	-.00601

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.03214	-.00206	2.1493	-.00194	.02022
SDev	.00150	.00141	.0025	.00086	.00094
%RSD	4.6742	68.430	.11509	44.563	4.6368
#1	.03320	-.00306	2.1475	-.00255	.01956
#2	.03107	-.00106	2.1510	-.00133	.02088

00117

Method: 6010B Sample Name: L2616-05 Operator: AD
Run Time: 12/28/00 14:32:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00079	.00269	.00134	.00186	.00225	1.5066	.01090
SDev	.00093	.00724	.00144	.00079	.00158	.0048	.00000
%RSD	117.97	269.46	107.76	42.650	70.059	.32166	.00000
#1	-.00145	-.00243	.00236	.00242	.00113	1.5100	.01090
#2	-.00013	.00781	.00032	.00130	.00336	1.5031	.01090

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00137	.00099	8.9681	.00368	.00017	-.00535	3.7697
SDev	.00005	.00035	.0130	.00015	.00096	.00007	.0000
%RSD	3.5477	35.547	.14507	4.0363	565.69	1.3792	.00000
#1	.00140	.00074	8.9589	.00357	.00084	-.00530	3.7697
#2	.00134	.00124	8.9773	.00378	-.00051	-.00540	3.7697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02233	1.2828	.00137	-.00148	30.993	.00399	.02288
SDev	.00016	.0036	.00142	.00012	.077	.00061	.00064
%RSD	.69944	.28022	103.71	7.7812	.24995	15.318	2.8083
#1	.02222	1.2854	.00037	-.00140	30.938	.00356	.02243
#2	.02244	1.2803	.00238	-.00156	31.047	.00442	.02334

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6216	-.00131	.00674	.00179	-.00057	.00398	-.00070
SDev	.0076	.00139	.00751	.00548	.00058	.00065	.00152
%RSD	.46898	106.20	111.40	307.04	100.69	16.445	217.23
#1	1.6162	-.00033	.00143	.00566	-.00098	.00352	.00037
#2	1.6269	-.00229	.01206	-.00209	-.00017	.00445	-.00177

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.03781	-.00120	2.7223	-.00656	.03335
SDev	.00016	.00056	.0067	.00473	.00000
%RSD	.42696	47.140	.24460	72.127	.00000
#1	.03792	-.00080	2.7176	-.00990	.03335
#2	.03769	-.00160	2.7270	-.00321	.03335

00118

12/28/

ethod: 6010B Sample Name: L2616-06 Operator: AD
un Time: 12/28/00 14:35:41
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00555	-.01052	.00114	.00079	.00168	.81097	.01127
SDev	.00245	.01162	.00083	.00034	.00100	.00969	.00018
%RSD	44.157	110.47	72.700	43.103	59.674	1.1951	1.5713
#1	.00382	-.01874	.00055	.00104	.00239	.81782	.01140
#2	.00729	-.00230	.00172	.00055	.00097	.80411	.01115

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	-.00025	32.583	.00767	.00068	-.00539	14.789
SDev	.00014	.00019	.074	.00104	.00024	.00066	.012
%RSD	8.3493	78.410	.22817	13.563	35.355	12.308	.08058
#1	.00181	-.00038	32.635	.00693	.00051	-.00492	14.798
#2	.00161	-.00011	32.530	.00841	.00084	-.00586	14.781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08121	4.8636	.00128	-.00182	327.71	.00345	.02008
SDev	.00015	.0228	.00000	.00024	2.59	.00000	.00064
%RSD	.19056	.46812	.00000	12.980	.78954	.03037	3.2080
#1	.08110	4.8797	.00128	-.00165	329.54	.00345	.01963
#2	.08132	4.8475	.00128	-.00198	325.88	.00345	.02054

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.542	-.00352	.00947	.00438	-.00216	.00117	-.00089
SDev	.164	.00127	.00046	.00176	.00036	.00178	.00038
%RSD	1.0520	36.192	4.8754	40.227	16.736	152.71	42.164
#1	15.657	-.00262	.00979	.00313	-.00242	.00242	-.00115
#2	15.426	-.00442	.00914	.00562	-.00191	-.00009	-.00062

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.03527	-.00386	2.6566	-.00265	.00245
SDev	.00107	.00019	.0118	.00272	.00056
%RSD	3.0449	4.8766	.44401	102.90	22.933
#1	.03451	-.00372	2.6649	-.00457	.00206
#2	.03603	-.00399	2.6482	-.00072	.00285

00113

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Method: 6010B Sample Name: L2616-07 Operator: AD
Run Time: 12/28/00 14:39:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00286	-.00103	.00155	.00069	.00014	.13421	.05436
SDev	.00152	.00259	.00053	.00257	.00536	.00727	.00018
%RSD	53.180	251.53	34.002	370.71	3820.3	5.4161	.32585
#1	.00179	.00080	.00118	-.00113	-.00365	.12907	.05448
#2	.00394	-.00286	.00192	.00251	.00393	.13935	.05423

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00181	.00134	5.4920	.00200	-.00034	-.00678	1.3961
SDev	.00019	.00043	.0037	.00074	.00072	.00000	.0199
%RSD	10.414	32.012	.06767	37.203	212.13	.03182	1.4227
#1	.00168	.00164	5.4947	.00147	.00017	-.00678	1.4101
#2	.00195	.00104	5.4894	.00252	-.00084	-.00678	1.3820

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19188	3.4935	.00398	-.00100	16.444	-.00012	.05051
SDev	.00032	.0024	.00161	.00001	.139	.00061	.00000
%RSD	.16394	.06859	40.638	.89302	.84796	498.98	.00442
#1	.19210	3.4952	.00512	-.00099	16.543	-.00056	.05051
#2	.19166	3.4918	.00283	-.00101	16.345	.00031	.05051

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.7989	-.00180	.00139	.00139	-.00006	.00538	-.00314
SDev	.0031	.00532	.00543	.00186	.00014	.00262	.00255
%RSD	.06482	296.29	389.89	133.90	249.65	48.622	81.206
#1	4.8011	-.00556	-.00245	.00007	.00004	.00353	-.00495
#2	4.7967	.00197	.00524	.00271	-.00015	.00723	-.00134

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.07915	-.00286	1.9135	-.00127	.00053
SDev	.00200	.00141	.0034	.00344	.00009
%RSD	2.5331	49.333	.17899	269.86	17.678
#1	.07774	-.00386	1.9160	-.00371	.00060
#2	.08057	-.00186	1.9111	.00116	.00046

00120

12/28/00

Method: 6010B Sample Name: L2616-07D Operator: AD
Run Time: 12/28/00 14:42:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00394	-.00232	.00106	.00039	.00117	.13307	.05429
SDev	.00068	.00646	.00143	.00319	.00305	.00888	.00009
%RSD	17.176	278.31	135.06	818.56	259.38	6.6766	.16311
#1	.00346	-.00689	.00207	-.00187	-.00098	.12678	.05436
#2	.00441	.00225	.00005	.00264	.00233	.13935	.05423

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00191	.00115	5.5236	.00137	.00051	-.00673	1.3961
SDev	.00023	.00146	.0112	.00015	.00048	.00007	.0040
%RSD	12.284	127.26	.20189	10.846	94.281	1.0826	.28454
#1	.00175	.00218	5.5315	.00126	.00084	-.00678	1.3989
#2	.00208	.00012	5.5157	.00147	.00017	-.00668	1.3933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19254	3.4952	.00690	-.00149	16.652	-.00056	.05172
SDev	.00063	.0048	.00032	.00023	.093	.00122	.00043
%RSD	.32478	.13713	4.6828	15.346	.55824	220.31	.82921
#1	.19298	3.4986	.00713	-.00165	16.586	-.00142	.05142
#2	.19210	3.4918	.00667	-.00133	16.718	.00031	.05202

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.7811	-.00139	.00368	.00124	-.00072	.00366	-.00274
SDev	.0118	.00197	.00521	.00165	.00296	.00711	.00123
%RSD	.24582	141.80	141.51	132.78	411.08	194.38	44.913
#1	4.7728	-.00278	-.00000	.00008	.00137	-.00137	-.00361
#2	4.7894	.00000	.00736	.00241	-.00282	.00868	-.00187

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.08189	-.00199	1.9149	-.00219	.00053
SDev	.00079	.00038	.0038	.00817	.00028
%RSD	.96273	18.856	.19877	373.69	53.033
#1	.08133	-.00173	1.9176	.00359	.00033
#2	.08245	-.00226	1.9122	-.00796	.00073

00121

Method: 6010B Sample Name: L2616-07S Operator: AD
Run Time: 12/28/00 14:45:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8383	1.7603	.45154	1.6945	.44468	1.7676	1.9034
SDev	.0008	.0226	.00154	.0016	.00340	.0170	.0062
%RSD	.04136	1.2840	.34024	.09630	.76354	.95956	.32568
#1	1.8378	1.7443	.45046	1.6957	.44708	1.7796	1.9078
#2	1.8388	1.7763	.45263	1.6934	.44228	1.7556	1.8991

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04712	.04788	5.4579	.17273	.44418	.22034	2.3539
SDev	.00010	.00043	.0074	.00134	.00191	.00066	.0079
%RSD	.20621	.90182	.13621	.77464	.43034	.30008	.33752
#1	.04705	.04758	5.4526	.17178	.44283	.22081	2.3483
#2	.04719	.04819	5.4631	.17367	.44553	.21987	2.3596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.62088	3.4409	.46606	.03869	15.140	.42122	.51851
SDev	.00078	.0216	.00297	.00069	.000	.00122	.00321
%RSD	.12593	.62683	.63778	1.7956	.00000	.29040	.61949
#1	.62033	3.4562	.46396	.03820	15.140	.42208	.51624
#2	.62143	3.4257	.46816	.03918	15.140	.42035	.52078

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.7786	.45554	.42029	.44812	.45157	1.7234	1.6786
SDev	.0028	.00359	.00301	.00335	.00397	.0019	.0015
%RSD	.05787	.78765	.71596	.74686	.88009	.10841	.09017
#1	4.7767	.45808	.42242	.45048	.44876	1.7247	1.6797
#2	4.7806	.45301	.41816	.44575	.45438	1.7221	1.6775

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.98374	1.0051	2.5832	.89887	.87328
SDev	.00666	.0024	.0029	.00158	.00103
%RSD	.67653	.24322	.11052	.17543	.11810
#1	.97904	1.0034	2.5812	.89775	.87401
#2	.98845	1.0068	2.5852	.89998	.87255

00122

ethod: 6010B Sample Name: CCV1 Operator: AD
un Time: 12/28/00 14:48:13
omment: CCV
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4573	2.4585	2.4607	2.3587	2.4761	4.7764	5.0743
SDev	.0073	.0256	.0048	.0038	.0041	.0018	.0028
%RSD	.29788	1.0400	.19582	.16126	.16514	.03709	.05584
#1	2.4624	2.4766	2.4641	2.3614	2.4732	4.7777	5.0723
#2	2.4521	2.4404	2.4573	2.3560	2.4790	4.7751	5.0763

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12732	1.2560	12.251	.50024	1.2567	.61138	2.4437
SDev	.00115	.0030	.111	.00385	.0052	.00092	.0126
%RSD	.90021	.23905	.90666	.77009	.41273	.15092	.51426
#1	.12813	1.2582	12.329	.50296	1.2604	.61073	2.4526
#2	.12651	1.2539	12.172	.49751	1.2530	.61204	2.4348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2650	12.244	1.2548	.60887	12.981	1.2448	1.2644
SDev	.0095	.027	.0098	.00438	.097	.0063	.0092
%RSD	.75443	.22085	.78349	.71967	.74730	.50387	.72821
#1	1.2718	12.263	1.2618	.61196	12.912	1.2493	1.2709
#2	1.2583	12.225	1.2479	.60577	13.050	1.2404	1.2579

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.356	2.4700	2.4857	2.4732	2.4527	2.3710	2.3512
SDev	.061	.0138	.0153	.0016	.0083	.0099	.0009
%RSD	.49728	.55696	.61452	.06512	.33814	.41875	.03735
#1	12.313	2.4602	2.4965	2.4721	2.4586	2.3780	2.3518
#2	12.400	2.4797	2.4749	2.4743	2.4469	2.3639	2.3505

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	2.4461	2.5259	2.4235	2.4941	2.5082
SDev	.0097	.0105	.0143	.0038	.0129
%RSD	.39554	.41744	.58924	.15407	.51442
#1	2.4529	2.5333	2.4336	2.4968	2.5173
#2	2.4393	2.5184	2.4134	2.4914	2.4991

0023
12/28

lethod: 6010B Sample Name: CCB Operator: AD
.un Time: 12/28/00 14:50:56
'omment: CCB
lode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00164	.00147	.00102	-.00225	.00542	.01628	-.00020
SDev	.00146	.01156	.00024	.00200	.00114	.00354	.00009
%RSD	89.005	788.96	23.808	88.622	21.013	21.758	47.140
#1	-.00061	.00964	.00119	-.00084	.00461	.01378	-.00013
#2	-.00268	-.00671	.00085	-.00367	.00622	.01879	-.00027

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00349	.00125	-.00436	.00130	.00018	-.00984	-.04443
SDev	.00000	.00003	.00000	.00017	.00000	.00015	.00419
%RSD	.03598	2.3010	.00000	12.872	.00000	1.5683	9.4281
#1	.00349	.00123	-.00436	.00142	.00018	-.00973	-.04147
#2	.00349	.00127	-.00436	.00119	.00018	-.00995	-.04739

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	.01147	.00043	-.00120	-.05165	-.00098	-.00682
SDev	.00018	.00135	.00034	.00038	.18262	.00070	.00045
%RSD	69.602	11.785	78.567	31.937	353.55	71.030	6.5751
#1	-.00013	.01243	.00068	-.00147	.07748	-.00148	-.00651
#2	-.00038	.01052	.00019	-.00093	-.18079	-.00049	-.00714

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01043	.00126	.01113	.00364	-.00198	.00420	-.00698
SDev	.00738	.00083	.00508	.00194	.00133	.00123	.00361
%RSD	70.711	65.983	45.678	53.243	67.331	29.232	51.717
#1	.00522	.00185	.00753	.00227	-.00104	.00333	-.00443
#2	.01565	.00067	.01472	.00501	-.00292	.00507	-.00953

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00624	-.00040	-.15738	.00043	-.00060
SDev	.00035	.00131	.00216	.00215	.00011
%RSD	5.6303	329.98	1.3747	499.29	17.678
#1	.00649	-.00132	-.15585	-.00109	-.00053
#2	.00599	.00053	-.15891	.00195	-.00068

12.1

Method: 6010B Sample Name: L2616-07SD Operator: AD
Run Time: 12/28/00 14:53:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8429	1.8048	.45789	1.7027	.46473	1.8934	1.9854
SDev	.0025	.0260	.00081	.0036	.00417	.0080	.0126
%RSD	.13552	1.4389	.17711	.21335	.89830	.42103	.63281
#1	1.8412	1.8231	.45732	1.7053	.46768	1.8990	1.9943
#2	1.8447	1.7864	.45846	1.7002	.46178	1.8878	1.9765

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04923	.04835	5.7944	.18577	.46688	.22687	2.4052
SDev	.00005	.00033	.0185	.00017	.00389	.00215	.0000
%RSD	.10221	.69067	.31947	.09022	.83320	.94845	.00000
#1	.04927	.04811	5.7813	.18565	.46413	.22839	2.4052
#2	.04920	.04858	5.8075	.18589	.46963	.22535	2.4052

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67544	3.7678	.47452	.04176	17.239	.46261	.52998
SDev	.00035	.0054	.00171	.00142	.164	.00000	.00090
%RSD	.05230	.14354	.35971	3.3900	.95341	.00000	.16954
#1	.67519	3.7640	.47361	.04076	17.355	.46261	.53062
#2	.67569	3.7717	.47573	.04277	17.123	.46261	.52935

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.5905	.46405	.46347	.45682	.45683	1.7145	1.6954
SDev	.0362	.00391	.00470	.00167	.00052	.0053	.0081
%RSD	.78884	.84338	1.0135	.36466	.11311	.30893	.47723
#1	4.6161	.46681	.46679	.45564	.45647	1.7108	1.7011
#2	4.5649	.46128	.46015	.45800	.45720	1.7183	1.6896

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.99467	.98196	2.8311	.93353	.95701
SDev	.00116	.00868	.0002	.00015	.00373
%RSD	.11668	.88371	.00765	.01649	.38999
#1	.99385	.97583	2.8309	.93364	.95964
#2	.99549	.98810	2.8312	.93342	.95437

00125
12/28/

Method: 6010B Sample Name: L2616-07LX5 Operator: AD
Run Time: 12/28/00 14:56:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00098	.00734	-.00006	-.00040	.00251	.06013	.01102
SDev	.00121	.00300	.00139	.00078	.00076	.00709	.00028
%RSD	123.41	40.881	2326.2	196.64	30.127	11.785	2.5713
#1	-.00012	.00522	.00092	-.00095	.00305	.06514	.01122
#2	-.00183	.00946	-.00104	.00016	.00198	.05512	.01082

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00146	1.1257	.00237	.00000	-.00959	.23697
SDev	.00010	.00064	.0021	.00067	.00078	.00031	.01676
%RSD	143.11	43.496	.18271	28.286	891e6	3.1863	7.0711
#1	.00014	.00191	1.1272	.00190	.00055	-.00981	.24882
#2	-.00000	.00101	1.1243	.00284	-.00055	-.00938	.22512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04114	.74190	.00043	-.00144	3.0992	.00047	.00472
SDev	.00036	.00946	.00198	.00039	.0730	.00000	.00067
%RSD	.86399	1.2757	455.69	27.328	2.3570	.31238	14.222
#1	.04139	.74859	.00183	-.00116	3.0475	.00047	.00520
#2	.04089	.73521	-.00097	-.00172	3.1508	.00047	.00425

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75299	.00017	.00458	-.00097	-.00129	.00464	-.00441
SDev	.00939	.00285	.00343	.00299	.00059	.00369	.00302
%RSD	1.2468	1688.1	74.811	308.61	45.702	79.504	68.318
#1	.75963	.00218	.00216	.00115	-.00087	.00726	-.00655
#2	.74635	-.00284	.00701	-.00308	-.00171	.00203	-.00228

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.01999	-.00106	.28681	-.00247	-.00038
SDev	.00505	.00149	.00216	.00507	.00021
%RSD	25.277	141.42	.75426	205.12	56.569
#1	.02356	-.00000	.28834	.00111	-.00023
#2	.01642	-.00211	.28528	-.00606	-.00053

00126

12/28/00

ethod: 6010B Sample Name: L2616-08 Operator: AD
un Time: 12/28/00 15:01:16
omment:
ode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00153	-.00114	-.00011	-.00198	.00138	.08455	.04208
SDev	.00112	.00340	.00122	.00120	.00040	.00266	.00000
%RSD	73.185	298.67	1081.7	60.588	28.608	3.1427	.00000
#1	-.00232	.00127	.00075	-.00283	.00166	.08643	.04208
#2	-.00074	-.00355	-.00097	-.00113	.00110	.08268	.04208

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2286	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00058	.00109	75.070	.00427	.00147	-.00244	1.6795
SDev	.00010	.00061	.136	.00034	.00026	.00023	.0126
%RSD	17.903	56.087	.18083	7.8625	17.678	9.4038	.74827
#1	-.00050	.00066	74.974	.00450	.00165	-.00228	1.6706
#2	-.00065	.00152	75.166	.00403	.00128	-.00260	1.6884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13776	9.7088	.00010	-.00207	26.072	-.00015	.64938
SDev	.00071	.0054	.00082	.00013	.055	.00070	.00090
%RSD	.51406	.05570	848.53	6.5050	.21014	470.88	.13814
#1	.13726	9.7050	.00068	-.00216	26.033	-.00064	.64875
#2	.13826	9.7126	-.00048	-.00197	26.111	.00034	.65002

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.842	-.00050	.00234	.00093	-.00232	.00434	-.00664
SDev	.013	.00047	.00050	.00050	.00208	.00360	.00000
%RSD	.10182	94.883	21.521	53.648	89.484	82.873	.06197
#1	12.833	-.00016	.00270	.00058	-.00085	.00180	-.00664
#2	12.852	-.00084	.00198	.00128	-.00379	.00688	-.00663

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.07132	-.00158	4.5915	.00017	.00287
SDev	.00039	.00075	.0164	.00092	.00011
%RSD	.54777	47.140	.35803	539.04	3.7216
#1	.07104	-.00106	4.5799	-.00048	.00294
#2	.07159	-.00211	4.6031	.00082	.00279

00127

12/28

lethod: 6010B Sample Name: CCV1 Operator: AD
un Time: 12/28/00 15:05:30
omment: CCV
lode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4428	2.3936	2.4314	2.3288	2.4352	4.6561	4.9830
SDev	.0197	.0304	.0194	.0141	.0154	.0461	.0287
%RSD	.80737	1.2680	.79868	.60647	.63325	.98923	.57631
#1	2.4567	2.4151	2.4452	2.3388	2.4461	4.6887	5.0033
#2	2.4288	2.3722	2.4177	2.3188	2.4243	4.6236	4.9627

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12414	1.2402	11.896	.48461	1.2288	.60205	2.4230
SDev	.00095	.0171	.173	.00854	.0135	.00338	.0251
%RSD	.76259	1.3772	1.4524	1.7627	1.0974	.56145	1.0373
#1	.12481	1.2523	12.018	.49065	1.2384	.60444	2.4408
#2	.12347	1.2281	11.774	.47857	1.2193	.59966	2.4052

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2254	11.848	1.2442	.59302	12.650	1.2044	1.2430
SDev	.0136	.108	.0054	.00670	.573	.0132	.0157
%RSD	1.1107	.91291	.43352	1.1305	4.5295	1.0994	1.2646
#1	1.2351	11.925	1.2480	.59776	13.055	1.2138	1.2541
#2	1.2158	11.772	1.2403	.58828	12.245	1.1951	1.2318

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.318	2.4470	2.4087	2.4373	2.4266	2.3406	2.3214
SDev	.085	.0138	.0185	.0310	.0136	.0321	.0052
%RSD	.69267	.56221	.76754	1.2722	.56184	1.3696	.22269
#1	12.379	2.4567	2.4218	2.4593	2.4363	2.3633	2.3250
#2	12.258	2.4373	2.3956	2.4154	2.4170	2.3180	2.3177

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	2.4115	2.5112	2.3344	2.4311	2.4412
SDev	.0038	.0107	.0307	.0312	.0327
%RSD	.15614	.42730	1.3159	1.2833	1.3410
#1	2.4142	2.5188	2.3562	2.4532	2.4644
#2	2.4089	2.5036	2.3127	2.4090	2.4181

00128

12/28

Method: 6010B Sample Name: CCB Operator: AD
Run Time: 12/28/00 15:08:11
Comment: CCB
Mode: CONC Corr. Factor: 1

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3082	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.00213	.00230	-.00097	.00434	.02693	-.00047
SDev	.00103	.00085	.00023	.00027	.00309	.00620	.00009
%RSD	423.45	40.035	10.195	27.913	71.147	23.022	20.203
#1	-.00098	.00153	.00214	-.00117	.00652	.03132	-.00053
#2	.00049	.00274	.00247	-.00078	.00216	.02255	-.00040

Elem	Be3130	Cd2265	Ca3179	Cr2677	Co2296	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.00064	.00145	.00201	.00037	-.01017	-.04147
SDev	.00000	.00000	.00000	.00050	.00026	.00000	.01676
%RSD	.00046	.57708	.00000	24.959	70.711	.01649	40.406
#1	.00058	.00064	.00145	.00237	.00018	-.01016	-.02962
#2	.00058	.00064	.00145	.00166	.00055	-.01017	-.05332

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na3302	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00050	.01530	.00000	-.00102	.11622	.00050	-.00698
SDev	.00018	.00135	.00300	.00064	.01826	.00000	.00023
%RSD	35.470	8.8388	.00000	62.367	15.713	.29696	3.2429
#1	-.00038	.01625	.00212	-.00147	.12913	.00050	-.00714
#2	-.00063	.01434	-.00212	-.00057	.10331	.00050	-.00682

Elem	K_7664	2068-2	2068-1	2203-1	2203-2	1960-1	1960-2
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01541	.00008	.01024	.00508	-.00077	.00501	-.00546
SDev	.00436	.00273	.00381	.00144	.00037	.00142	.00030
%RSD	28.284	3245.6	37.208	28.378	47.774	28.263	5.4661
#1	.01849	.00201	.01293	.00406	-.00051	.00400	-.00525
#2	.01233	-.00184	.00754	.00610	-.00103	.00601	-.00567

Elem	B_2496	Mo2020	Si2881	Sn1899	Ti3349
Units	ppm	ppm	ppm	ppm	ppm
Avge	.00403	-.00185	-.15769	.00304	-.00038
SDev	.00223	.00112	.00130	.00246	.00000
%RSD	55.498	60.609	.82293	80.831	.00000
#1	.00561	-.00106	-.15861	.00130	-.00038
#2	.00245	-.00264	-.15677	.00478	-.00038

12/28/00 12:1

```
*** Standard: 1 Rep: 1 50          Seq:  57      13:59:30 27 Dec 2000 HG

Hg     .000     ppb       8972
                        Ave. Int. =      8972 S. D. =          0

*** Standard: 2 Rep: 1 50.2        Seq:  58      14:01:58 27 Dec 2000 HG

Hg     .200     ppb      15668
                        Ave. Int. =     15668 S. D. =          0

*** Standard: 3 Rep: 1 50.5        Seq:  59      14:04:29 27 Dec 2000 HG

Hg     .500     ppb      23733
                        Ave. Int. =     23733 S. D. =          0

*** Standard: 4 Rep: 1 51.0        Seq:  60      14:06:55 27 Dec 2000 HG

Hg    1.00      ppb      48168
                        Ave. Int. =     48168 S. D. =          0

*** Standard: 5 Rep: 1 55.0        Seq:  61      14:09:22 27 Dec 2000 HG

Hg    5.00      ppb     207590
                        Ave. Int. =    207590 S. D. =          0

*** Standard: 6 Rep: 1 510.0       Seq:  62      14:11:49 27 Dec 2000 HG

Hg   10.0       ppb     345569
                        Ave. Int. =    345569 S. D. =          0

X
d
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12/29/00

00130

Protocol: HGS CHEMTECH

Rev: 3.001 Time: 14:12:09 27 Dec 2000

Folder: 122700A Seq: 63 Print: On

User: Batch: Id: Std6Rep1 Cup: 1 35 Gas: 0.30 LPM

State: Idle Wait: Off Autosampler: On

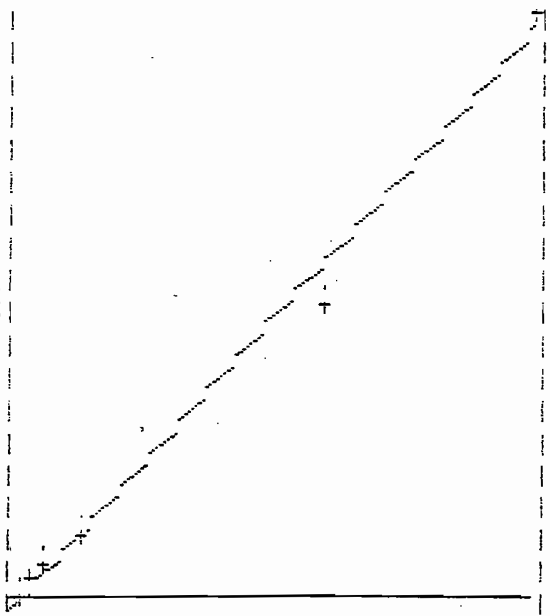
CALIBRATION: Line Calibration

Line: Hg Accepted

	Conc.	Calc.	Dev.	Linear	
S1	.000	-.079	-.079	Quadratic	
S2	.200	.114	-.086	WtdLinear	
S3	.500	.347	-.153		C
S4	1.00	1.05	.051	Accept	U
S5	5.00	5.65	.645		R
S6	10.0	9.62	-.378	StdAdd	C

A .0000000 r .996239

B 2.00195E-5 C -3.37310E-1



	Mean	%RSD	
S1	8972	0	8972
S2	15668	0	15668
S3	23733	0	23733
S4	48168	0	48168
S5	207590	0	207590
S6	345569	0	345569

New calibration coefficients stored

dh 12/29/00

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: ICV				Seq: 63	14:14:14 27 Dec 2000 HG			
				ICV				
Hg	4.56	ppb	.000	4.56				
*** Sample ID: ICB				Seq: 64	14:16:38 27 Dec 2000 HG			
				ICB				
Hg	-.154	ppb	.000	-.154				
*** Check Standard: 2 Ck2				Seq: 65	14:19:01 27 Dec 2000 HG			
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		114.	5.71	5.00	ppb	.000		
*** Check Standard: 1 Ck1				Seq: 66	14:21:25 27 Dec 2000 HG			
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.177	.600	ppb	.000			
*** Sample ID: CRA				Seq: 67	14:23:48 27 Dec 2000 HG			
				CRA				
Hg	.060	ppb	.000	.060				
*** Sample ID: HIGH STD				Seq: 68	14:26:14 27 Dec 2000 HG			
				HIGH STD				
Hg	9.45	ppb	.000	9.45				
*** Sample ID: PBS1				Seq: 69	14:28:38 27 Dec 2000 HG			
				PBS				
Hg	-.124	ppb	.000	-.124				
*** Sample ID: LCSS1				Seq: 70	14:31:02 27 Dec 2000 HG			
				LCSS	x15			
Hg	5.02	ppb	.000	5.02				
*** Sample ID: L2256-03				Seq: 71	14:33:22 27 Dec 2000 HG			
				ZZZZZZ				
Hg	8.38	ppb	.000	8.38				
*** Sample ID: L2256-05				Seq: 72	14:35:42 27 Dec 2000 HG			
				ZZZZZZ				
Hg	.146	ppb	.000	.146				
*** Sample ID: L2256-07				Seq: 73	14:38:02 27 Dec 2000 HG			
				ZZZZZZ				
Hg	88.7	ppb	.000	88.7				
*** Sample ID: L2296-05				Seq: 74	14:40:38 27 Dec 2000 HG			
				ZZZZZZ				
Hg	19.3	ppb	.000	19.3				

00132

12/27/00

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: L2296-06 Seq: 75 14:43:03 27 Dec 2000 HG
ZZZZZZ
Hg 9.08 ppb .000 9.08

*** Sample ID: L2296-08 Seq: 76 14:45:27 27 Dec 2000 HG
ZZZZZZ
Hg 1.77 ppb .000 1.77

*** Check Standard: 2 Ck2 Seq: 77 14:47:47 27 Dec 2000 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		113.	5.65	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 78 14:50:10 27 Dec 2000 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.031	.600	ppb	.000

*** Sample ID: L2296-13 Seq: 79 14:52:32 27 Dec 2000 HG
ZZZZZZ
Hg 60.8 ppb .000 60.8

*** Sample ID: L2569-02 Seq: 80 14:55:04 27 Dec 2000 HG
E03B03A(16-18)
Hg .099 ppb .000 .099

*** Sample ID: L2569-03 Seq: 81 14:57:24 27 Dec 2000 HG
E03B03A(18-20)
Hg .296 ppb .000 .296

*** Sample ID: L2569-04D Seq: 82 14:59:46 27 Dec 2000 HG
E03B03A(18-20)D
Hg .261 ppb .000 .261

*** Sample ID: L2569-05S Seq: 83 15:02:16 27 Dec 2000 HG
E03B03A(18-20)S
Hg 2.34 ppb .000 2.34

*** Sample ID: L2569-05SD Seq: 84 15:04:45 27 Dec 2000 HG
E03B03A(18-20)SD
Hg 2.33 ppb .000 2.33

*** Sample ID: L2569-01 Seq: 85 15:07:05 27 Dec 2000 HG
E03B03A(14-16)
Hg .314 ppb .000 .314

*** Sample ID: L2574-01 Seq: 86 15:09:27 27 Dec 2000 HG
ZZZZZZ
Hg -.157 ppb .000 -.157

00133

12/29/00

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: L2574-02 Seq: 87 15:11:52 27 Dec 2000 HG
ZZZZZZ
Hg -.163 ppb .000 -.163

*** Sample ID: L2574-03 Seq: 88 15:14:13 27 Dec 2000 HG
ZZZZZZ
Hg -.140 ppb .000 -.140

*** Check Standard: 2 Ck2 Seq: 89 15:16:37 27 Dec 2000 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		110.	5.48	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 90 15:19:02 27 Dec 2000 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.105	.600	ppb	.000

*** Sample ID: L2577-01 Seq: 91 15:21:24 27 Dec 2000 HG
ZZZZZZ
Hg 79.8 ppb .000 79.8

*** Sample ID: L2577-02 Seq: 92 15:23:51 27 Dec 2000 HG
ZZZZZZ
Hg -.065 ppb .000 -.065

*** Sample ID: L2577-03 Seq: 93 15:26:13 27 Dec 2000 HG
ZZZZZZ
Hg 20.8 ppb .000 20.8

*** Sample ID: L2577-04 Seq: 94 15:28:37 27 Dec 2000 HG
ZZZZZZ
Hg 19.0 ppb .000 19.0

*** Sample ID: L2577-05 Seq: 95 15:30:59 27 Dec 2000 HG
ZZZZZZ
Hg 13.7 ppb .000 13.7

*** Sample ID: L2577-06 Seq: 96 15:33:24 27 Dec 2000 HG
ZZZZZZ
Hg -.084 ppb .000 -.084

*** Sample ID: L2677-07 Seq: 97 15:35:50 27 Dec 2000 HG
ZZZZZZ
Hg 15.2 ppb .000 15.2

*** Sample ID: L2577-08 Seq: 98 15:38:11 27 Dec 2000 HG
ZZZZZZ
Hg .343 ppb .000 .343

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: L2577-09 Seq: 99 15:40:32 27 Dec 2000 HG
ZZZZZZ
Hg 3.07 ppb .000 3.07

*** Sample ID: PBS2 Seq: 100 15:42:55 27 Dec 2000 HG
PBS
Hg -.132 ppb .000 -.132

*** Check Standard: 2 Ck2 Seq: 101 15:45:18 27 Dec 2000 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		109.	5.46	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 102 15:47:41 27 Dec 2000 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.098	.600	ppb	.000

*** Sample ID: LCSS2 Seq: 103 15:50:37 27 Dec 2000 HG
LCSS x15
Hg 5.21 ppb .000 5.21

*** Sample ID: L2591-01 Seq: 104 15:53:01 27 Dec 2000 HG
D01B01(9-11)
Hg .788 ppb .000 .788

*** Sample ID: L2591-02 Seq: 105 15:55:28 27 Dec 2000 HG
D01B01(13-15)
Hg -.084 ppb .000 -.084

*** Sample ID: L2591-03 Seq: 106 15:57:50 27 Dec 2000 HG
D01B01(17-19)
Hg -.213 ppb .000 -.213

*** Sample ID: L2591-04 Seq: 107 16:00:13 27 Dec 2000 HG
D04B01(16-18)
Hg -.004 ppb .000 -.004

*** Sample ID: L2591-05 Seq: 108 16:03:43 27 Dec 2000 HG
D04B01(20-22)
Hg -.123 ppb .000 -.123

*** Sample ID: L2591-06 Seq: 109 16:06:12 27 Dec 2000 HG
D04B01(24-26)
Hg -.116 ppb .000 -.116

*** Sample ID: L2591-07 Seq: 110 16:08:34 27 Dec 2000 HG
D05B01(12-14)
Hg .157 ppb .000 .157

05135

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: L2591-08 Seq: 111 16:10:56 27 Dec 2000 HG
D05B01(16-18)
Hg .635 ppb .000 .635

*** Sample ID: L2591-09 Seq: 112 16:13:22 27 Dec 2000 HG
D05B01(20-22)
Hg -.083 ppb .000 -.083

*** Check Standard: 2 Ck2 Seq: 113 16:15:47 27 Dec 2000 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		109.	5.45	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 114 16:18:11 27 Dec 2000 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.146	.600	ppb	.000

*** Sample ID: L2591-10 Seq: 115 16:20:34 27 Dec 2000 HG
D07B01(16-18)
Hg 5.20 ppb .000 5.20

*** Sample ID: L2591-11 Seq: 116 16:23:00 27 Dec 2000 HG
D01B01(20-22)
Hg .078 ppb .000 .078

*** Sample ID: L2591-12D Seq: 117 16:25:27 27 Dec 2000 HG
D07B01(20-22)D
Hg .111 ppb .000 .111

*** Sample ID: L2591-13S Seq: 118 16:27:53 27 Dec 2000 HG
D07B01(20-22)S
Hg 3.30 ppb .000 3.30

*** Sample ID: L2591-13SD Seq: 119 16:30:17 27 Dec 2000 HG
D07B01(20-22)SD
Hg 3.42 ppb .000 3.42

*** Sample ID: L2591-14 Seq: 120 16:32:45 27 Dec 2000 HG
D07B07(24-26)
Hg -.022 ppb .000 -.022

*** Sample ID: L2591-15 Seq: 121 16:35:11 27 Dec 2000 HG
D06B01(9-11)
Hg -.105 ppb .000 -.105

*** Sample ID: L2591-16 Seq: 122 16:37:36 27 Dec 2000 HG
D06B01(12-15)
Hg 5.28 ppb .000 5.28

00136

12/29/00

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: L2591-17					Seq: 123	16:40:01 27 Dec 2000 HG		
				D06B01(17-19)				
Hg	.018	ppb	.000	.018				
*** Sample ID: L2603-01					Seq: 124	16:42:27 27 Dec 2000 HG		
				ZZZZZZ				
Hg	.332	ppb	.000	.332				
*** Check Standard: 2 Ck2					Seq: 125	16:44:52 27 Dec 2000 HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		111.	5.57	5.00	ppb	.000		
*** Check Standard: 1 Ck1					Seq: 126	16:47:17 27 Dec 2000 HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.126	.600	ppb	.000			
*** Sample ID: L2623-02					Seq: 127	16:49:49 27 Dec 2000 HG		
				DW-3				
Hg	.101	ppb	.000	.101				
*** Sample ID: L2623-03					Seq: 128	16:52:15 27 Dec 2000 HG		
				DW-5				
Hg	-.183	ppb	.000	-.183				
*** Sample ID: PBW					Seq: 129	16:54:40 27 Dec 2000 HG		
				PBW				
Hg	-.043	ppb	.000	-.043				
*** Sample ID: L2569-20					Seq: 130	16:57:07 27 Dec 2000 HG		
				FB122000				
Hg	-.033	ppb	.000	-.033				
*** Sample ID: L2574-05					Seq: 131	16:59:38 27 Dec 2000 HG		
				ZZZZZZ				
Hg	-.341	ppb	.000	-.341				
*** Sample ID: L2591-21					Seq: 132	17:02:04 27 Dec 2000 HG		
				FB122100				
Hg	-.350	ppb	.000	-.350				
*** Sample ID: L2256-07					Seq: 133	17:04:33 27 Dec 2000 HG		
				X20				
Hg	4.37	ppb	.000	4.37				
*** Sample ID: L2296-05					Seq: 134	17:07:14 27 Dec 2000 HG		
				X5				
Hg	3.43	ppb	.000	3.43				

00137

12/29/00

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: L2296-13 Seq: 135 17:09:46 27 Dec 2000 HG

X20

Hg 3.07 ppb .000 3.07

*** Sample ID: L2577-01 Seq: 136 17:12:12 27 Dec 2000 HG

12/27/00 ~~X20~~ X40

Hg 1.62 ppb .000 1.62

*** Check Standard: 2 Ck2 Seq: 137 17:14:42 27 Dec 2000 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	5.22	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 138 17:17:10 27 Dec 2000 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.163	.600	ppb	.000

*** Sample ID: L2577-03 Seq: 139 17:19:38 27 Dec 2000 HG

X5

Hg 2.82 ppb .000 2.82

*** Sample ID: L2577-04 Seq: 140 17:22:04 27 Dec 2000 HG

12/27/00 ~~X5~~ X10

Hg 1.52 ppb .000 1.52

*** Sample ID: L2577-05 Seq: 141 17:24:32 27 Dec 2000 HG

12/27/00 ~~X5~~ X10

Hg 1.10 ppb .000 1.10

*** Sample ID: L2577-07 Seq: 142 17:26:58 27 Dec 2000 HG

12/27/00 ~~X5~~ X2

Hg 5.02 ppb .000 5.02

*** Check Standard: 2 Ck2 Seq: 143 17:29:23 27 Dec 2000 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		108.	5.39	5.00	ppb	.000

*** Check Standard: 1 Ck1 Seq: 144 17:31:48 27 Dec 2000 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.059	.600	ppb	.000

12/27/00

CHEMTECH 205 Campus Plaza I, Edison, New Jersey 08837

MERCURY ANALYSIS LOGBOOK

ANALYST SIGNATURE: ________ SUPERVISOR REVIEW: ________

DATE	CASE NUMBER	BATCH NUMBER	START TIME	% ABSORBANCE OF STANDARD BLK	STD1	STD2	STD3	STD4	STD5	END TIME	CORR. COEF.	SLOPE X	CONC. B	ANALYST
12/27/00	L2568NJ	12	11:23	4618	11718	15442	43192	193801	352724	13:45	.998965			[illegible]
↓	L2578NJ	14	↓			↓				↓	↓			[illegible]
↓	L2580C	↓	↓			↓				↓	↓			[illegible]
↓	L2598NJ	↓	↓			↓				↓	↓			[illegible]
↓	L2616NJ	19	↓			↓				↓	↓			[illegible]
↓	L2626C	↓	↓			↓				↓	↓			[illegible]
↓	L2554NJ	↓	↓			↓				↓	↓			[illegible]
12/27/00	L2256NJ	9	13:59	8972	15668	23733	46168	207590	345564	17:31	.996239			[illegible]
↓	L2569ASP	↓	↓			↓				↓	↓			[illegible]
↓	L2574NJ	↓	↓			↓				↓	↓			[illegible]
↓	L2296NJ	↓	↓			↓				↓	↓			[illegible]
↓	L2577NJ	15	↓			↓				↓	↓			[illegible]
↓	L2591ASP	↓	↓			↓				↓	↓			[illegible]
↓	2603C	17	↓			↓				↓	↓			[illegible]
↓	L2673ASP	↓	↓			↓				↓	↓			[illegible]

00139

CHEMTECH 205 Campus Plaza I, Edison, New Jersey 08837

SOIL/SLUDGE SAMPLE PREPARATION WORKSHEET

ICP and AA Furnace

SDG No. ______

MATRIX: SOIL/SLUDGE PROJECT #: PB17 PB122700-13 ICP DIGEST DATE 12/27/00

FINAL VOLUME: 100 ML FUR DIGEST DATE / - /

BALANCE CALIBRATION CHECK (1.00G): 1.00 G. ACCEPTANCE+/-1%

METHOD #: 3050 SUPERVISOR SIGNATURE: NP 12/27/

HOT PLATE TEMPERATURE: 95 DEGREE C ANALYST SIGNATURE: MPI NP

STANDARD NAME	MLS USED	STANDARD REF. # FROM LOGBOOK	CHEMICAL USED	LOT#
LCSS	1.0g	CM0171	CONC: HNO3	X0058
PDS#1	0.1	CM0201	1:1 HNO3	S1327
PDS#2	0.1	CM0202	CONC. HCl	X0049
PDS#3	0.1	CM0203	1:1 HCl	
PDS#4	0.1	CM0208	30% H2O2	X0024

LAB SAMPLE NUMBER	CLIENT SAMPLE NUMBER	WEIGHT OF SAMPLE (grams)	COLOR BEFORE	COLOR AFTER	TEXTURE	ARTIFACT	COMMENTS
PBS	PBS	1.00	colorless	colorless	Medium		
LCSS	LCSS	1.00	Brown	yellow	Fine		
L2603C L2603-01	222222	1.02	Brown	yellow	Medium		
L2623 ASP L2623-02	DW-3	1.00	Brown	yellow	Medium		
~~L2623-02~~ NP 12/27/00	~~DW-3 D~~	~~1.00~~	~~Brown~~	~~yellow~~	~~Medium~~		
~~L2623-02~~ NP 12/27/00	~~DW-3 S~~	~~1.00~~	~~Brown~~	~~yellow~~	~~Medium~~		
~~L2623-02~~ NP 12/27/00	~~DW-3 SD~~	~~1.00~~	~~Brown~~	~~yellow~~	~~Medium~~		
L2623-03	DW-5	1.01	Brown	yellow	Medium		
L2586 NJ L2586-06	222222	1.02	Brown	yellow	Medium		
L2629 ASP L2629-01	D13B01 (9-11)	1.01	Brown	yellow	Medium		
L2629-02	D13B01 (13-15)	1.03	Brown	yellow	Medium		
L2629-03	D13B01 (17-19)	1.01	Brown	yellow	Medium		
L2629-07	D09B01 (3-5)	1.04	Brown	yellow	Medium		
L2629-08	D09B01 (7-9)	1.00	Brown	yellow	Medium		
L2629-09	D09B01 (11-13)	1.02	Brown	yellow	Medium		
L2629-10	D11B01 (2-4)	1.02	Brown	yellow	Medium	00140	
L2629-11	D11B01 (6-8)	1.00	Brown	yellow	Medium		

Metal_prep_SOIL.XLS

REV 3/2000

dig. rec'd NP 12/27

PAGE # 0160 PAGE # 1 OF 2

EMTECH 205 Campus Plaza I, Edison, New Jersey 08837

SOIL/SLUDGE SAMPLE PREPARATION WORKSHEET

ICP and AA Furnace

SDG No.________

MATRIX: SOIL/SLUDGE PROJECT #: PB17 ICP DIGEST DATE 12 / 27 / 00

FINAL VOLUME: 100 ML PB122700-13 FUR DIGEST DATE __ / - / __

BALANCE CALIBRATION CHECK (1.00G): 1.00 G. ACCEPTANCE+/-1%

METHOD #: 3050 SUPERVISOR SIGNATURE: NP 12/27/

HOT PLATE TEMPERATURE: 95 DEGREE C ANALYST SIGNATURE: MPI MP

STANDARD NAME	MLS USED	STANDARD REF. # FROM LOGBOOK	CHEMICAL USED	LOT#
LCSS		Pg. 1 of 2 pp 12/27/00	CONC: HNO3	
PDS#1			1:1 HNO3	
PDS#2			CONC. HCl	
PDS#3			1:1 HCl	
PDS#4			30% H202	

LAB SAMPLE NUMBER	CLIENT SAMPLE NUMBER	WEIGHT OF SAMPLE (grams)	COLOR BEFORE	COLOR AFTER	TEXTURE	ARTIFACT	COMMENTS
L2629-12	D11B01(6-8) D	1.00	Brown	Yellow	Medium		
L2629-13	D11B01(6-8) S	1.00	Brown	Yellow	Medium		
L2629-13	D11B01(6-8) SD	1.00	Brown	Yellow	Medium		
L2629-14	D11B01(10-12)	1.01	Brown	Yellow	Medium		
L2629-15	D10B01(5-7)	1.04	Brown	Yellow	Medium		
L2629-16	D10B01(7-9)	1.03	Brown	Yellow	Medium		
L2629-17	D10B01(9-11)	1.00	Brown	Yellow	Medium		
L2629-18	D10B01(11-13)	1.02	Brown	Yellow	Medium		
L2629-19	D10B01(13-15)	1.01	Brown	Yellow	Medium		
							NP 12/27/00

Metal_prep_SOIL.XLS

REV 3/2000 dig'd rec. NP 12/27/ PAGE # 0161 PAGE # 2 OF 2

CHEMTECH

205 CAMPUS PLAZA 1, Edison ,New Jersey 08837, 732-225-4111

MERCURY PREPARATION WORKSHEET

METHOD # 7471 PROJECT #: 9,15,17

AUTOCLAVE/ BATH TEMP: 95 °C DIGESTETION TIME: 30 MIN

BALANCE CHECK : (0.20 G) 0.209 SUPERVISOR SIGNATURE: DM

DATE: 12 / 26 /2000 ANALYST SIGNATURE: Mated

STANDARD NAME	MLS USED	STD REF. # FROM LOG	CHEMICAL USED	LOT#
Hg WORKING STD.	1.0 2/14 12/26/00	S1331	5% $KMnO_4$	S1296
Hg ICV	1.0 2	S1334	5% $K_2S_2O_8$	S1297
SPIKE SOLUTION	4.0	S1331	1:2 HNO_3 + H_2SO_4	S1298
CONTROL STANDARD	5.0	S1333		

LAB SAMPLE NUMBER	CLIENT SAMPLE NUMBER	MATRIX (W)/(S)/(T)	SAMPLE WEIGHT(g)/VOL(mL)	COMMENTS
Blk 0.0 ppb	S0	W	100 ml	
Std 1 0.2 ppb	S0.2	W	100 ml	
Std 2 0.5 ppb	S0.5	W	100 ml	
Std 3 1.0 ppb	S1.0	W	100 ml	
Std 4 5.0 ppb	S5.0	W	100 ml	
Std 5 10.0 ppb	S10.0	W	100 ml	
ICV	ICV	W	100 ml	
ICB	ICB	W	100 ml	
CCV	CCV	W	100 ml	
CCB	CCB	W	100 ml	
CRA	CRA	W	100 ml	
High Std	High Std	W	100 ml	
PBS1	PBS	S	0.60 ml	
LCS1	LCS	S	0.60 g	
L2256-03	222222	S	0.61 g	L2256 NS
" 05	222222	S	0.61 g	"
" 07	222222	S	0.61 g	"
L2296-05	222222	S	0.60 g	L2296 MS
" 06	222222	S	0.61 g	"

CHEMTECH

205 CAMPUS PLAZA 1, Edison ,New Jersey 08837, 732-225-4111

MERCURY PREPARATION WORKSHEET

METHOD # 7471 PROJECT #: 9.15.17

AUTOCLAVE/ BATH TEMP: 95 °C DIGESTETION TIME: 30 MIN

BALANCE CHECK : (0.20 G) 0.20g SUPERVISOR SIGNATURE:

DATE: 12/26 /2000 ANALYST SIGNATURE:

STANDARD NAME	MLS USED	STD REF. # FROM LOG	CHEMICAL USED	LOT#
Hg WORKING STD.	2		5% $KMnO_4$	
Hg ICV	2		5% $K_2S_2O_8$	
SPIKE SOLUTION			1:2 HNO_3 + H_2SO_4	
~~CONTROL STANDARD~~	~~5.0~~			12/26/00

LAB SAMPLE NUMBER	CLIENT SAMPLE NUMBER	MATRIX WATER/SOIL/TCLP	SAMPLE WEIGHT(g)/VOL(mL)	COMMENTS
L2296-08	222222	S	0.60g	L2296 NJ
13	222222	S	0.60g	1
L2569-01	E03B03A(14-16)	S	0.60g	L2569 ASP
02	E03B03A(16-18)	S	0.61g	
03	E03B03A(18-20)	S	0.60g	
04D	E03B03A(18-20)D	S	0.63g	
05S	E03B03A(18-20)S	S	0.61g	
05SD	E03B03A(18-20)SD	S	0.61g	
L2574-01	222222	S	0.63g	L2574 NJ
02	222222	S	0.62g	
03	222222	S	0.61g	
L2577-01	222222	S	0.60g	L2577 NJ
02	222222	S	0.61g	
03	222222	S	0.60g	
04	222222	S	0.66g	
05	222222	S	0.61g	
06	222222	S	0.63g	
07	222222	S	0.65g	
08	222222	S	0.61g	

Ac 14.3

CHEMTECH 205 CAMPUS PLAZA 1, Edison ,New Jersey 08837, 732-225-4111

MERCURY PREPARATION WORKSHEET

METHOD # 7471 PROJECT #: 9, 15, 17

AUTOCLAVE/ BATH TEMP: 95 °C DIGESTETION TIME: 30 MIN

BALANCE CHECK : (0.20 G) 0.209 SUPERVISOR SIGNATURE: [signature]

DATE: 12 / 26 /2000 ANALYST SIGNATURE: [signature]

STANDARD NAME	MLS USED	STD REF. # FROM LOG	CHEMICAL USED	LOT#
Hg WORKING STD.	2		5% $KMnO_4$	
Hg ICV	2		5% $K_2S_2O_8$	
SPIKE SOLUTION			1:2 HNO_3 + H_2SO_4	
CONTROL STANDARD	5.0			M 12/26/00

LAB SAMPLE NUMBER	CLIENT SAMPLE NUMBER	MATRIX (W)/(S)/(T)	SAMPLE WEIGHT(g)/VOL(mL)	COMMENTS
PBS2	PBS	S	0.600 ml	
LCSS2	LCSS	S	0.60 g	
L2577-09	222222	S	0.60 g	L2577 NJ
L2591-01	D01B01(9-11)	S	0.60 g	L2591 ASD
02	D01B01(13-15)	S	0.61 g	
03	D01B01(17-19)	S	0.60 g	
04	D01B01(16-18)	S	0.60 g	
05	D04B01(20-22)	S	0.63 g	
06	D04B01(24-26)	S	0.61 g	
07	D05 B01(12-14)	S	0.65 g	
08	D05B01(16-18)	S	0.63 g	
09	D05B01(20-22)	S	0.61 g	
10	D07B01(16-18)	S	0.61 g	
11	D01B01(20-22)	S	0.62 g	
12D	D01B01(20-22)D	S	0.61 g	
13S	D01B01(20-22)S	S	0.61 g	
13SD	D01B01(20-22)SD	S	0.60 g	
14	D07B07(24-26)	S	0.60 g	
15	D06B01(9-11)	S	0.65 g	

REV. DATE 12/13/00 REV 2
HGPRE.DOC

PAGE 3 OF 4

CHEMTECH

205 CAMPUS PLAZA 1, Edison ,New Jersey 08837, 732-225-4111

MERCURY PREPARATION WORKSHEET

METHOD # 7471 PROJECT #: 9,15,17

AUTOCLAVE/ BATH TEMP: 95 °C DIGESTETION TIME: 30 MIN

BALANCE CHECK : (0.20 G) 0.20g SUPERVISOR SIGNATURE: DM

DATE: 12/26 /2000 ANALYST SIGNATURE: [signature]

STANDARD NAME	MLS USED	STD REF. # FROM LOG	CHEMICAL USED	LOT#
Hg WORKING STD.	2		5% $KMnO_4$	
Hg ICV	2		5% $K_2S_2O_8$	
SPIKE SOLUTION			1:2 HNO_3 + H_2SO_4	
CONTROL STANDARD	5.0			

LAB SAMPLE NUMBER	CLIENT SAMPLE NUMBER	MATRIX WATER/SOIL/TCLP	SAMPLE WEIGHT(g)/VOL(mL)	COMMENTS
L2591-16	D06B01(12-15)	S	0.60g	L2591 ASP
17	D06B01(17-19)	S	0.61g	〃
L2603-01	222222	S	0.61 g	L2603 〃
L2623-02	DW-3	S	0.60 g	L2623 ASP
03	DW-5	S	0.63 g	〃
PBW	PBW	W	(100 ml)	
L2569-20	FB122000	W	100 ml)	L2569 ASP
L2574-05	222222	W	100 ml)	L2574 MS
L2591-21	FB122100	W	100 ml	L2591 ASP
				PSP 12/26/00

REV. DATE 12/13/00 REV 2
HGPRE.DOC

PAGE 4 OF 4

NAME	NO.	DATE	INITIALS
Hg $SnCl_2$	S1329	12/26/00	MB

FROM

100 g $SnCl_2$(x.083) + 100 ml conc HCl(x.0049) $\xrightarrow[\text{1000 ml DI } H_2O]{\text{F.V.}}$ = 1000 ml $SnCl_2$

NAME	NO.	DATE	INITIALS
Hg Std. Intl.	S1330	12/26/00	MB

FROM

1.0 ml x.0042 + 2 ml conc. HNO_3(x.0056) $\xrightarrow[\text{100 ml DI } H_2O]{\text{F.V.}}$ = 1000 ppb Hg

NAME	NO.	DATE	INITIALS
Hg working Std	S1331	12/26/00	MB

FROM

10.0 ml S1330 + 2 ml conc. HNO_3(x.0056) $\xrightarrow[\text{100 ml DI } H_2O]{\text{F.V.}}$ = 100 ppb Hg
MB 12/26/00

NAME	NO.	DATE	INITIALS
Hg Std.	S1332	12/26/00	MB

FROM

0.2 ml, 0.5 ml, 1.0 ml, 5.0 ml, 10.0 ml } S1331 $\xrightarrow[\text{100 ml DI } H_2O]{\text{F.V.}}$ + reagents = 0.2 ppb Hg, 0.5 ppb Hg, 1.0 ppb Hg, 5.0 ppb Hg, 10.0 ppb Hg

NAME	NO.	DATE	INITIALS
Hg control std	S1333	12/26/00	MB

FROM

5.0 ml S1331 $\xrightarrow[\text{100 ml DI } H_2O]{\text{F.V.}}$ + reagents = 5.0 ppb Hg

NAME	NO.	DATE	INITIALS
Hg ICV.	S1334	12/26/00	MB

FROM

1.0 ml x.0040 + 2 ml conc HNO_3(x.0056) $\xrightarrow[\text{100 ml DI } H_2O]{\text{F.V.}}$ + reagents = 4 ppb Hg

NAME	NO.	DATE	INITIALS

FROM

NAME	NO.	DATE	INITIALS

FROM

% SOLIDS

QC # LB11173

12/27/00

OrderID	SampleNO	Customer ID	TIN NO	TIN WT	WET WT	DRY WT	% SOLIDS
L2623	L2623-01	DW-2	1	1.05	11.36	10.09	87.7
L2623	L2623-02	DW-3	2	1.05	12.84	11.08	85.1
L2623	L2623-03	DW-5	3	1.05	12.46	11.44	91.1
L2629	L2629-01	D13B01(9-11)	4	1.07	11.17	9.40	82.5
L2629	L2629-02	D13B01(13-15)	5	1.07	14.72	14.27	96.7
L2629	L2629-03	D13B01(17-19)	6	1.05	11.83	11.50	96.9
L2629	L2629-04	E31B01A(10-12)	7	1.06	11.32	10.40	91.0
L2629	L2629-05	E31B01A(12-14)	8	1.05	12.05	11.62	96.1
L2629	L2629-06	E31B01A(14-16)	9	1.05	11.10	10.70	96.6
L2629	L2629-07	D09B01(3-5)	10	1.06	10.31	9.73	93.7
L2629	L2629-08	D09B01(7-9)	11	1.08	11.81	10.99	92.4
L2629	L2629-09	D09B01(11-13)	12	1.05	10.28	10.01	97.1
L2629	L2629-10	D11B01(2-4)	13	1.04	10.04	8.93	87.7
L2629	L2629-11	D11B01(6-8)	14	1.04	12.80	12.49	97.4
L2629	L2629-12	D11B01(6-8)MS	15	1.04	10.85	10.49	96.3
L2629	L2629-13	D11B01(6-8)MSD	16	~~NR~~	NR		
L2629	L2629-14	D11B01(10-12)	17	1.04	10.58	10.11	95.1
L2629	L2629-15	D10B01(5-7)	18	1.08	10.89	9.93	90.2
L2629	L2629-16	D10B01(7-9)	19	1.04	10.90	9.78	88.6
L2629	L2629-17	D10B01(9-11)	20	1.08	10.82	10.10	92.6
L2629	L2629-18	D10B01(11-13)	21	1.04	10.10	9.44	92.7
L2629	L2629-19	D10B01(13-15)	22	1.06	11.99	11.56	96.1

QC147

CHEMTECH

MISCELLANEOUS DATA

CHEMTECH 205 CAMPUS PLAZA I. RARITAN CENTER EDISON NEW JERSEY 08837

NEW JERSEY LAB ID#:12013 : NEW YORK LAB ID#: 11376

METALS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: L2623 ASP MATRIX: Soil

METHOD: SW 846

	NA	NO	YES
1. Calibration Summary meet criteria.			✓
2. ICP Interference Check Sample Results Summary Submitted			✓
(if applicable) Meet criteria Blank Contamination			
3. Serial Dilution Summary Submitted (if applicable)meet criteria			✓
4. Laboratory Control Sample Summary Submitted (if applicable)			✓
5. Blank Contamination		✓	

If YES, list compounds and concentrations in each blank:

---

6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓

If not met, list those compounds and their recoveries which fall outside of the acceptance range:

---

7. Sample Duplicate Analysis Meet QC Criteria:			✓

If not met, list those compounds and their % differences which fall outside of the acceptance range:

---

8. Extraction Holding Time Met			✓

(if not met, list number of days exceeded for each sample:

---

9. Analysis Holding Time Met			✓

If not met, list number of days exceeded for each sample:

ADDITIONAL COMMENTS:

Dale Rue
Supervisor

1/3/01
Date

(0141)

QA REVIEW

Date

SHIPPING AND RECEIVING DOCUMENTATION

CHEMTECH

CHAIN OF CUSTODY RECORD

Please check one:

☐ 110 Route 4
Englewood, NJ 07631
(201) 567-6868
Fax (201) 567-1333

☑ 295 Campus Plaza 1
Edison, NJ 08837
(732) 225-4111
Fax (732) 225-4119

CHEMTECH JOB NO.: L2623A

CHEMTECH QUOTE NO.:

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: GCI, Inc.

ADDRESS: 1092 Motor Parkway

CITY: Hauppauge STATE: NY ZIP: 11788

ATTENTION: MATT Boeckel

PHONE: 631-851-1600 FAX: 631-851-0535

PROJECT INFORMATION

PROJECT NAME: 161 Sweethollow Rd.

PROJECT NO.: 960285

PROJECT MANAGER: Matt Boeckel

LOCATION: SAME

PHONE: FAX:

BILLING INFORMATION

BILL TO: GCI PO #:

ADDRESS: 1092 Motor PKWY

CITY: Hauppauge STATE: NY ZIP: 11788

ATTENTION: Matt Boeckel PHONE:

DATA TURNAROUND INFORMATION

FAX: 14 DAYS*

HARD COPY: DAYS*

EDD: DAYS*

* TO BE APPROVED BY CHEMTECH

** NORMAL TURNAROUND TIME - 14 DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP

☐ RESULTS + QC ☒ NYS ASP "B"

☐ NJ REDUCED ☐ NYS ASP "A"

☐ NJ CLP ☐ EDD

☐ EDD FORMAT:

ANALYSIS

1 EPH 8270 (Base/Neutrals) 2 8 RCRA Metals 3 4 5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	DW-2	S	X		12/20	12:30	1	X									
2.	DW-3	S	X		12/21	12:00	2	X	X								
3.	DW-5	S	X		12/20	12:00	2	X	X								
4.																	
5.																	
6.																	
7.																	
8.																	

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	12/22/00 1400	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
3. [signature]	12/22/00 4:10	3. [signature]

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non-Compliant ☑ Temp. of Cooler 4.0°C

Comments:

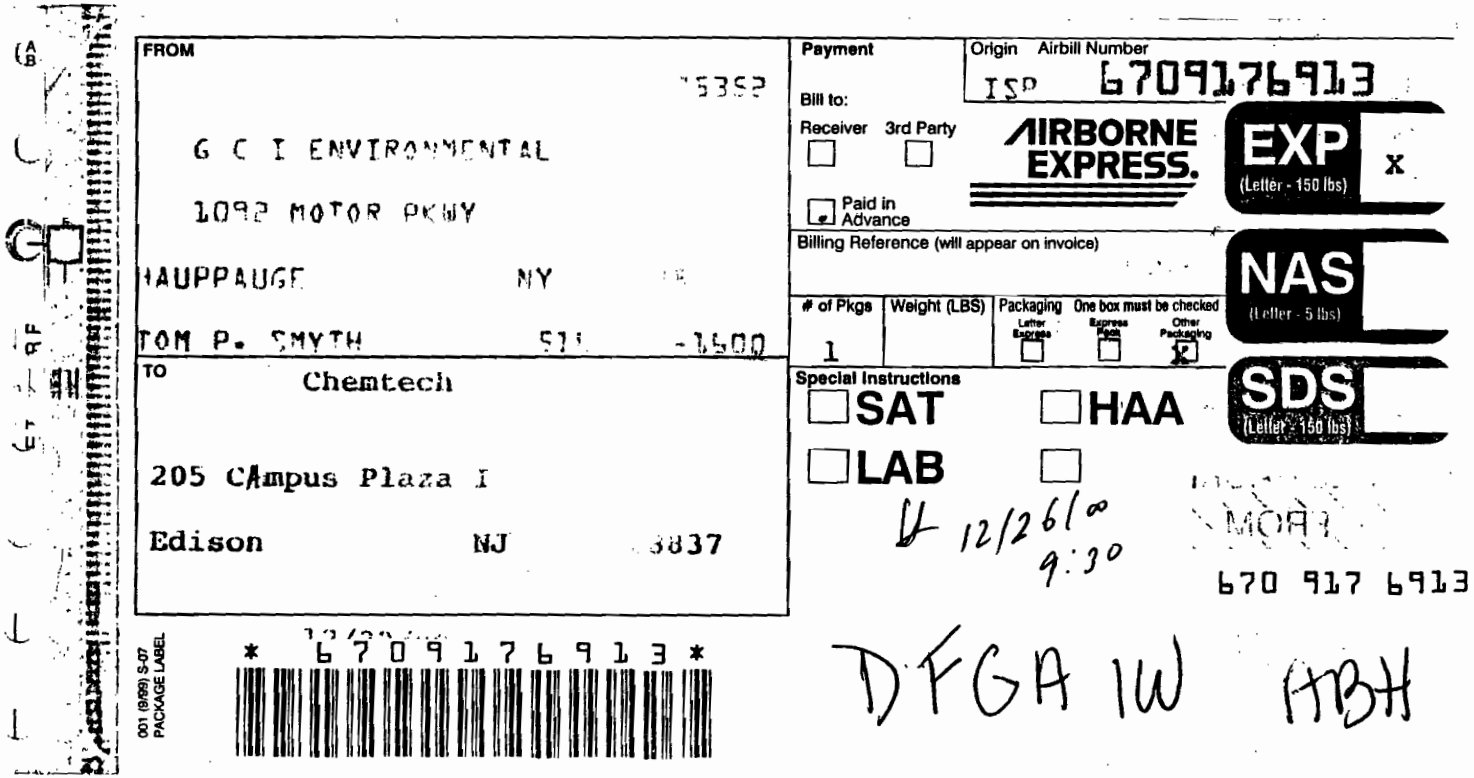
Page of

Shipment Complete: Yes No

Ver 6/2000

WHITE – CHEMTECH COPY FOR RETURN TO CLIENT YELLOW – CHEMTECH COPY PINK – SAMPLER COPY

20777



FROM

5352

G C I ENVIRONMENTAL

1092 MOTOR PKWY

HAUPPAUGE NY

TOM P. SMYTH 511 -1500

TO Chemtech

205 Campus Plaza I

Edison NJ 3837

Payment

Bill to:

Receiver 3rd Party

Paid in Advance

Origin Airbill Number

ISP 6709176913

AIRBORNE EXPRESS.

EXP (Letter - 150 lbs) X

NAS (Letter - 5 lbs)

SDS (Letter - 150 lbs)

Billing Reference (will appear on invoice)

# of Pkgs	Weight (LBS)	Packaging (One box must be checked) Letter Express	Express Pack	Other Packaging
1				X

Special Instructions

SAT HAA

LAB

12/26/∞ 9:30

MORN

670 917 6913

001 (9/99) S-07 PACKAGE LABEL

* 6709176913 *

DFGA IW ABH

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