SDMS Document ID
2040000

CORE LABORATORIES

ANALYTICAL REPORT

JOB NUMBER: 992522

Prepared For:

ISSI, Incorporated
999 18th Street
Suite 1450
Denver, CO 80202

Attention: Adrian Bradley

Date: 10/07/1999

Signature

10/21/99
Date

Name: Wendell D. Fischer

Title: Laboratory Supervisor

Core Laboratories, Inc.
10703 East Bethany Drive
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U.S. ENVIRONMENTAL PROTECTION AGENCY
Environmental Services Division

CHAIN OF CUSTODY RECORD

REGION VIII, ONE DENVER PLACE
999 18TH. STREET
DENVER, CO. 80202-2413

PROJ. NO.

PROJECT NAME: IN-VIVO VB & I-70: ~~Pilot scale~~ B

SAMPLERS: (Signature)

STAT. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	TAL metals (see attached)	REMARKS
	9-15-99	1325	X		BI-00001-F	1		see attached list
	9-15-99	1325	X		BI-00002-F	1		↓
	9-15-99	1630	X		BI-00003-F	1		please analyze all 3 samples in duplicate.

9.21.99

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Sealed for Custody	9.20.99 1500	Ben Watson 9-21-99 1039			
Ben Watson	9-21-99 1215	Michelle Weatherford			
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time	Remarks	

Distribution: Original Accompanies Shipment: First Copy to Coordinator Field Files: Second Copy to Representative of Inspected Facility

Split Samples: ☐ Accepted ☐ Declined Signature

R8 EPA-014B (4-21-86)

000001

8-32453

CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 992522 Date: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: IN-VIVO/VB &I-70 ATTN: Adrian Bradley

Customer Sample ID: B1-00001-F
Date Sampled.....: 09/15/1999
Time Sampled.....: 13:25
Sample Matrix.....: Soil

Laboratory Sample ID: 992522-1
Date Received.....: 09/21/1999
Time Received.....: 12:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 3050B	Acid Digestion: Solids	Complete					09/23/99	csc
SW-846 3050B	Acid Digestion: Solids	Complete					09/23/99	csc
SW-846 7471A	Mercury (Hg), Solid	0.751			0.012	mg/Kg	09/28/99	dfb
SW-846 7471A	Mercury (Hg), Solid	0.701			0.012	mg/Kg	09/28/99	dfb
SW-846 6010B	Potassium (K), Solid	2680			84.5704	mg/Kg	09/27/99	lmt
SW-846 6010B	Potassium (K), Solid	2470			84.5704	mg/Kg	09/27/99	lmt
SW-846 6010B	Sodium (Na), Solid	209			9.5313	mg/Kg	09/27/99	lmt
SW-846 6010B	Sodium (Na), Solid	198			9.5313	mg/Kg	09/27/99	lmt
SW-846 6010B	Aluminum (Al), Solid	9060		E	3.3206	mg/Kg	09/24/99	lmt
SW-846 6010B	Aluminum (Al), Solid	7820		E	3.3206	mg/Kg	09/24/99	lmt
SW-846 6010B	Antimony (Sb), Solid	2.05			0.1799	mg/Kg	09/24/99	lmt
SW-846 6010B	Antimony (Sb), Solid	2.15			0.1799	mg/Kg	09/24/99	lmt
SW-846 6010B	Arsenic (As), Solid	297			0.1524	mg/Kg	09/24/99	lmt
SW-846 6010B	Arsenic (As), Solid	282			0.1524	mg/Kg	09/24/99	lmt
SW-846 6010B	Barium (Ba), Solid	165			0.0739	mg/Kg	09/24/99	lmt
SW-846 6010B	Barium (Ba), Solid	161			0.0739	mg/Kg	09/24/99	lmt
SW-846 6010B	Beryllium (Be), Solid	0.596			0.0280	mg/Kg	09/24/99	lmt
SW-846 6010B	Beryllium (Be), Solid	0.562			0.0280	mg/Kg	09/24/99	lmt
SW-846 6010B	Cadmium (Cd), Solid	6.68		E	0.0310	mg/Kg	09/24/99	lmt
SW-846 6010B	Cadmium (Cd), Solid	6.87		E	0.0310	mg/Kg	09/24/99	lmt
SW-846 6010B	Calcium (Ca), Solid	5020			0.8893	mg/Kg	09/24/99	lmt
SW-846 6010B	Calcium (Ca), Solid	5170			0.8893	mg/Kg	09/24/99	lmt
SW-846 6010B	Chromium (Cr), Solid	39.0			0.0445	mg/Kg	09/24/99	lmt
SW-846 6010B	Chromium (Cr), Solid	41.7			0.0445	mg/Kg	09/24/99	lmt
SW-846 6010B	Cobalt (Co), Solid	5.39		E	0.0164	mg/Kg	09/24/99	lmt

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CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 992522 Date: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: IN-VIVO/VB &I-70 ATTN: Adrian Bradley

Customer Sample ID: B1-00001-F
Date Sampled.....: 09/15/1999
Time Sampled.....: 13:25
Sample Matrix.....: Soil

Laboratory Sample ID: 992522-1
Date Received.....: 09/21/1999
Time Received.....: 12:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cobalt (Co), Solid	5.84		E	0.0164	mg/Kg	09/24/99	lmt
SW-846 6010B	Copper (Cu), Solid	31.1			0.0930	mg/Kg	09/24/99	lmt
SW-846 6010B	Copper (Cu), Solid	29.1			0.0930	mg/Kg	09/24/99	lmt
SW-846 6010B	Iron (Fe), Solid	12000		B	1.3122	mg/Kg	09/27/99	lmt
SW-846 6010B	Iron (Fe), Solid	13600		B	1.3122	mg/Kg	09/27/99	lmt
SW-846 6010B	Lead (Pb), Solid	743		EY	0.1711	mg/Kg	09/24/99	lmt
SW-846 6010B	Lead (Pb), Solid	722		EY	0.1711	mg/Kg	09/24/99	lmt
SW-846 6010B	Magnesium (Mg), Solid	2660		E	0.2716	mg/Kg	09/24/99	lmt
SW-846 6010B	Magnesium (Mg), Solid	2880		E	0.2716	mg/Kg	09/24/99	lmt
SW-846 6010B	Manganese (Mn), Solid	319		E	0.0746	mg/Kg	09/24/99	lmt
SW-846 6010B	Manganese (Mn), Solid	336		E	0.0746	mg/Kg	09/24/99	lmt
SW-846 6010B	Nickel (Ni), Solid	9.72		E	0.0656	mg/Kg	09/24/99	lmt
SW-846 6010B	Nickel (Ni), Solid	9.07		E	0.0656	mg/Kg	09/24/99	lmt
SW-846 6010B	Selenium (Se), Solid	1.44			0.2774	mg/Kg	09/24/99	lmt
SW-846 6010B	Selenium (Se), Solid	1.19			0.2774	mg/Kg	09/24/99	lmt
SW-846 6010B	Silver (Ag), Solid	0.905			0.0333	mg/Kg	09/24/99	lmt
SW-846 6010B	Silver (Ag), Solid	0.534			0.0333	mg/Kg	09/24/99	lmt
SW-846 6010B	Thallium (Tl), Solid	<0.3708	U		0.3708	mg/Kg	09/24/99	lmt
SW-846 6010B	Thallium (Tl), Solid	<0.3708	U		0.3708	mg/Kg	09/24/99	lmt
SW-846 6010B	Vanadium (V), Solid	20.5			0.0450	mg/Kg	09/24/99	lmt
SW-846 6010B	Vanadium (V), Solid	24.1			0.0450	mg/Kg	09/24/99	lmt
SW-846 6010B	Zinc (Zn), Solid	380		E	0.0706	mg/Kg	09/24/99	lmt
SW-846 6010B	Zinc (Zn), Solid	368		E	0.0706	mg/Kg	09/24/99	lmt

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CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 992522 Date: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: IN-VIVO/VB &1-70 ATTN: Adrian Bradley

Customer Sample ID: B1-00002-F
Date Sampled.....: 09/15/1999
Time Sampled.....: 13:25
Sample Matrix.....: Soil

Laboratory Sample ID: 992522-2
Date Received.....: 09/21/1999
Time Received.....: 12:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 3050B	Acid Digestion: Solids	Complete					09/23/99	csc
SW-846 3050B	Acid Digestion: Solids	Complete					09/23/99	csc
SW-846 7471A	Mercury (Hg), Solid	1.38			0.012	mg/Kg	09/28/99	dfb
SW-846 7471A	Mercury (Hg), Solid	1.30			0.012	mg/Kg	09/28/99	dfb
SW-846 6010B	Potassium (K), Solid	2730			84.5704	mg/Kg	09/27/99	lmt
SW-846 6010B	Potassium (K), Solid	2840			84.5704	mg/Kg	09/27/99	lmt
SW-846 6010B	Sodium (Na), Solid	239			9.5313	mg/Kg	09/27/99	lmt
SW-846 6010B	Sodium (Na), Solid	238			9.5313	mg/Kg	09/27/99	lmt
SW-846 6010B	Aluminum (Al), Solid	9690		E	3.3206	mg/Kg	09/24/99	lmt
SW-846 6010B	Aluminum (Al), Solid	8820		E	3.3206	mg/Kg	09/24/99	lmt
SW-846 6010B	Antimony (Sb), Solid	6.34			0.1799	mg/Kg	09/24/99	lmt
SW-846 6010B	Antimony (Sb), Solid	5.86			0.1799	mg/Kg	09/24/99	lmt
SW-846 6010B	Arsenic (As), Solid	848			0.1524	mg/Kg	09/24/99	lmt
SW-846 6010B	Arsenic (As), Solid	864			0.1524	mg/Kg	09/24/99	lmt
SW-846 6010B	Barium (Ba), Solid	272			0.0739	mg/Kg	09/24/99	lmt
SW-846 6010B	Barium (Ba), Solid	278			0.0739	mg/Kg	09/24/99	lmt
SW-846 6010B	Beryllium (Be), Solid	0.786			0.0280	mg/Kg	09/24/99	lmt
SW-846 6010B	Beryllium (Be), Solid	0.772			0.0280	mg/Kg	09/24/99	lmt
SW-846 6010B	Cadmium (Cd), Solid	8.94		E	0.0310	mg/Kg	09/24/99	lmt
SW-846 6010B	Cadmium (Cd), Solid	8.62		E	0.0310	mg/Kg	09/24/99	lmt
SW-846 6010B	Calcium (Ca), Solid	7320			0.8893	mg/Kg	09/24/99	lmt
SW-846 6010B	Calcium (Ca), Solid	7250			0.8893	mg/Kg	09/24/99	lmt
SW-846 6010B	Chromium (Cr), Solid	20.8			0.0445	mg/Kg	09/24/99	lmt
SW-846 6010B	Chromium (Cr), Solid	20.1			0.0445	mg/Kg	09/24/99	lmt
SW-846 6010B	Cobalt (Co), Solid	6.09		E	0.0164	mg/Kg	09/24/99	lmt

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CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 992522 Date: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: IN-VIVO/V8 &I-70 ATTN: Adrian Bradley

Customer Sample ID: 81-00002-F
Date Sampled.....: 09/15/1999
Time Sampled.....: 13:25
Sample Matrix.....: Soil

Laboratory Sample ID: 992522-2
Date Received.....: 09/21/1999
Time Received.....: 12:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Cobalt (Co), Solid	6.02		E	0.0164	mg/Kg	09/24/99	lmt
SW-846 6010B	Copper (Cu), Solid	47.3			0.0930	mg/Kg	09/24/99	lmt
SW-846 6010B	Copper (Cu), Solid	46.3			0.0930	mg/Kg	09/24/99	lmt
SW-846 6010B	Iron (Fe), Solid	14500		B	1.3122	mg/Kg	09/27/99	lmt
SW-846 6010B	Iron (Fe), Solid	15100		B	1.3122	mg/Kg	09/27/99	lmt
SW-846 6010B	Lead (Pb), Solid	837		EY	0.1711	mg/Kg	09/24/99	lmt
SW-846 6010B	Lead (Pb), Solid	810		EY	0.1711	mg/Kg	09/24/99	lmt
SW-846 6010B	Magnesium (Mg), Solid	2850		E	0.2716	mg/Kg	09/24/99	lmt
SW-846 6010B	Magnesium (Mg), Solid	2920		E	0.2716	mg/Kg	09/24/99	lmt
SW-846 6010B	Manganese (Mn), Solid	430		E	0.0746	mg/Kg	09/24/99	lmt
SW-846 6010B	Manganese (Mn), Solid	428		E	0.0746	mg/Kg	09/24/99	lmt
SW-846 6010B	Nickel (Ni), Solid	10.2		E	0.0656	mg/Kg	09/24/99	lmt
SW-846 6010B	Nickel (Ni), Solid	10.3		E	0.0656	mg/Kg	09/24/99	lmt
SW-846 6010B	Selenium (Se), Solid	1.86			0.2774	mg/Kg	09/24/99	lmt
SW-846 6010B	Selenium (Se), Solid	1.66			0.2774	mg/Kg	09/24/99	lmt
SW-846 6010B	Silver (Ag), Solid	<0.0333	U		0.0333	mg/Kg	09/24/99	lmt
SW-846 6010B	Silver (Ag), Solid	<0.0333	U		0.0333	mg/Kg	09/24/99	lmt
SW-846 6010B	Thallium (Tl), Solid	<0.3708	U		0.3708	mg/Kg	09/24/99	lmt
SW-846 6010B	Thallium (Tl), Solid	<0.3708	U		0.3708	mg/Kg	09/24/99	lmt
SW-846 6010B	Vanadium (V), Solid	25.9			0.0450	mg/Kg	09/24/99	lmt
SW-846 6010B	Vanadium (V), Solid	23.7			0.0450	mg/Kg	09/24/99	lmt
SW-846 6010B	Zinc (Zn), Solid	450		E	0.0706	mg/Kg	09/24/99	lmt
SW-846 6010B	Zinc (Zn), Solid	447		E	0.0706	mg/Kg	09/24/99	lmt

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CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 992522 Date: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: IN-VIVO/VB &I-70 ATTN: Adrian Bradley

Customer Sample ID: B1-00003-F
Date Sampled.....: 09/15/1999
Time Sampled.....: 16:30
Sample Matrix.....: Soil

Laboratory Sample ID: 992522-3
Date Received.....: 09/21/1999
Time Received.....: 12:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 3050B	Acid Digestion: Solids	Complete					09/23/99	csc
SW-846 3050B	Acid Digestion: Solids	Complete					09/23/99	csc
SW-846 6010B	Potassium (K), Solid	2640			84.5704	mg/Kg	09/27/99	lmt
SW-846 6010B	Potassium (K), Solid	2130			84.5704	mg/Kg	09/27/99	lmt
SW-846 6010B	Sodium (Na), Solid	212			9.5313	mg/Kg	09/27/99	lmt
SW-846 6010B	Sodium (Na), Solid	181			9.5313	mg/Kg	09/27/99	lmt
SW-846 6010B	Aluminum (Al), Solid	9870		E	3.3206	mg/Kg	09/24/99	lmt
SW-846 6010B	Aluminum (Al), Solid	7960		E	3.3206	mg/Kg	09/24/99	lmt
SW-846 6010B	Antimony (Sb), Solid	2.35			0.1799	mg/Kg	09/24/99	lmt
SW-846 6010B	Antimony (Sb), Solid	2.66			0.1799	mg/Kg	09/24/99	lmt
SW-846 6010B	Arsenic (As), Solid	379			0.1524	mg/Kg	09/24/99	lmt
SW-846 6010B	Arsenic (As), Solid	306			0.1524	mg/Kg	09/24/99	lmt
SW-846 6010B	Barium (Ba), Solid	228			0.0739	mg/Kg	09/24/99	lmt
SW-846 6010B	Barium (Ba), Solid	188			0.0739	mg/Kg	09/24/99	lmt
SW-846 6010B	Beryllium (Be), Solid	0.706			0.0280	mg/Kg	09/24/99	lmt
SW-846 6010B	Beryllium (Be), Solid	0.582			0.0280	mg/Kg	09/24/99	lmt
SW-846 6010B	Cadmium (Cd), Solid	2.78		E	0.0310	mg/Kg	09/24/99	lmt
SW-846 6010B	Cadmium (Cd), Solid	2.35		E	0.0310	mg/Kg	09/24/99	lmt
SW-846 6010B	Calcium (Ca), Solid	4060			0.8893	mg/Kg	09/24/99	lmt
SW-846 6010B	Calcium (Ca), Solid	4890			0.8893	mg/Kg	09/24/99	lmt
SW-846 6010B	Chromium (Cr), Solid	17.7			0.0445	mg/Kg	09/24/99	lmt
SW-846 6010B	Chromium (Cr), Solid	21.5			0.0445	mg/Kg	09/24/99	lmt
SW-846 6010B	Cobalt (Co), Solid	6.04		E	0.0164	mg/Kg	09/24/99	lmt
SW-846 6010B	Cobalt (Co), Solid	4.94		E	0.0164	mg/Kg	09/24/99	lmt
SW-846 6010B	Copper (Cu), Solid	35.0			0.0930	mg/Kg	09/24/99	lmt

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CORE LABORATORIES

LABORATORY TEST RESULTS

Job Number: 992522 Date: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: IN-VIVO/VB &I-70 ATTN: Adrian Bradley

Customer Sample ID: B1-00003-F
Date Sampled.....: 09/15/1999
Time Sampled.....: 16:30
Sample Matrix.....: Soil

Laboratory Sample ID: 992522-3
Date Received.....: 09/21/1999
Time Received.....: 12:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	DATE	TECH
SW-846 6010B	Copper (Cu), Solid	29.3			0.0930	mg/Kg	09/24/99	lmt
SW-846 6010B	Iron (Fe), Solid	14400		B	1.3122	mg/Kg	09/27/99	lmt
SW-846 6010B	Iron (Fe), Solid	11100		B	1.3122	mg/Kg	09/27/99	lmt
SW-846 6010B	Lead (Pb), Solid	257		EY	0.1711	mg/Kg	09/24/99	lmt
SW-846 6010B	Lead (Pb), Solid	215		EY	0.1711	mg/Kg	09/24/99	lmt
SW-846 6010B	Magnesium (Mg), Solid	2270		E	0.2716	mg/Kg	09/24/99	lmt
SW-846 6010B	Magnesium (Mg), Solid	2750		E	0.2716	mg/Kg	09/24/99	lmt
SW-846 6010B	Manganese (Mn), Solid	463		E	0.0746	mg/Kg	09/24/99	lmt
SW-846 6010B	Manganese (Mn), Solid	385		E	0.0746	mg/Kg	09/24/99	lmt
SW-846 6010B	Nickel (Ni), Solid	9.04		E	0.0656	mg/Kg	09/24/99	lmt
SW-846 6010B	Nickel (Ni), Solid	7.50		E	0.0656	mg/Kg	09/24/99	lmt
SW-846 6010B	Selenium (Se), Solid	1.38			0.2774	mg/Kg	09/24/99	lmt
SW-846 6010B	Selenium (Se), Solid	0.954	B		0.2774	mg/Kg	09/24/99	lmt
SW-846 6010B	Silver (Ag), Solid	0.120	B		0.0333	mg/Kg	09/24/99	lmt
SW-846 6010B	Silver (Ag), Solid	0.0790	B		0.0333	mg/Kg	09/24/99	lmt
SW-846 6010B	Thallium (Tl), Solid	<0.3708	U		0.3708	mg/Kg	09/24/99	lmt
SW-846 6010B	Thallium (Tl), Solid	<0.3708	U		0.3708	mg/Kg	09/24/99	lmt
SW-846 6010B	Vanadium (V), Solid	25.3			0.0450	mg/Kg	09/24/99	lmt
SW-846 6010B	Vanadium (V), Solid	20.0			0.0450	mg/Kg	09/24/99	lmt
SW-846 6010B	Zinc (Zn), Solid	311		E	0.0706	mg/Kg	09/24/99	lmt
SW-846 6010B	Zinc (Zn), Solid	373		E	0.0706	mg/Kg	09/24/99	lmt

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 7471A Batch.....: 52038 Analyst...: dfb
Method Description.: Mercury (CVAA) Units.....: mg/L Test Code.: HG
Parameter.....: Mercury (Hg)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
ICV		9909251	0.00384907			0.004000		96.2	%	90-110		09/28/1999	1303
ICB			-0.0000016	U						0.0002		09/28/1999	1304
MB		0927 E	-0.0000043	U						0.0002		09/28/1999	1306
SB		990924H	0.00217899			0.002000		108.9	%	80-120		09/28/1999	1308
LCS		990648	0.00438351			0.003870		113.3	%	64.4-13488		09/28/1999	1310
MS	992522-2	990924H	0.00968234			0.002000	0.00782229	93.0	%	75-125		09/28/1999	1319
MSD	992522-2	990924H	0.00975799		0.00968234	0.002000	0.00782229	96.8	%	75-125		09/28/1999	1321
								0.8	R	20			
PDS	992522-2	990924H	0.00949174			0.002000	0.00782229	83.5	%	75-125		09/28/1999	1323
CCV		9909140	0.00519951			0.005		104.0	%	90-110		09/28/1999	1325
CCB			0.00000107	U						0.0002		09/28/1999	1326
CCV		9909140	0.00520889			0.005		104.2	%	90-110		09/28/1999	1347
CCB			0.00000002	U						0.0002		09/28/1999	1349
CCV		9909140	0.00528817			0.005		105.8	%	90-110		09/28/1999	1409
CCB			0.00000000	U						0.0002		09/28/1999	1411
CCV		9909140	0.00526831			0.005		105.4	%	90-110		09/28/1999	1431
CCB			0.00000088	U						0.0002		09/28/1999	1433
CCV		9909140	0.00526520			0.005		105.3	%	90-110		09/28/1999	1453
CCB			-0.0000024	U						0.0002		09/28/1999	1455
CCV		9909140	0.00529550			0.005		105.9	%	90-110		09/28/1999	1515
CCB			-0.0000052	U						0.0002		09/28/1999	1517
CCV		9909140	0.00541951			0.005		108.4	%	90-110		09/28/1999	1537
CCB			-0.0000051	U						0.0002		09/28/1999	1539
CCV		9909140	0.00526652			0.005		105.3	%	90-110		09/28/1999	1559
CCB			-0.0000063	U						0.0002		09/28/1999	1601
CCV		9909140	0.00535549			0.005		107.1	%	90-110		09/28/1999	1610
CCB			-0.0000069	U						0.0002		09/28/1999	1611
CCV		9909140	0.00538584			0.005		107.7	%	90-110		09/28/1999	1634
CCB			-0.0000071	U						0.0002		09/28/1999	1636
CCV		9909140	0.00544240			0.005		108.8	%	90-110		09/28/1999	1649
CCB			-0.0000106	U						0.0002		09/28/1999	1651

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code..: AL
Parameter.....: Aluminum (Al)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	0.00308	U								09/24/1999	1042
LRA		9909240	0.02479	U								09/24/1999	1046
LRA		990803K	0.00875	U								09/24/1999	1049
LRA		990719L	20.02500			100.00						09/24/1999	1053
LRA		990719M	-0.00232	U								09/24/1999	1059
ICV		9909241	9.75290			10.0		97.5	%	90-110		09/24/1999	1104
ICB		990924B	0.01099	U						0.03		09/24/1999	1109
ISA		990806L	218.30697			250.0		87.3	%	80-120		09/24/1999	1113
ISB		990806M	217.34960			251.00		86.6	%	80-120		09/24/1999	1120
MB		51741	0.00795	U						0.03		09/24/1999	1128
SB		990914S	2.02072			2.00		101.0	%	80-120		09/24/1999	1131
MS	992475-5	990914S	2.06989			2.00	0.12725	97.1	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	1.99977		2.06989	2.00	0.12725	93.6	%	75-125		09/24/1999	1145
								3.4	R	20			

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* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: AL
Parameter.....: Aluminum (Al)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
SD	992475-6		0.04264				0.15018					09/24/1999	1153
CCV		990924I	9.72822			10.0		97.3	%	90-110		09/24/1999	1157
CCB		990924B	0.01344	U						0.03		09/24/1999	1202
CCV		990924I	9.84769			10.0		98.5	%	90-110		09/24/1999	1247
CCB		990924B	0.01475	U						0.03		09/24/1999	1253
MB		51835	0.01276	U						0.03		09/24/1999	1302
SB		990914S	1.98633			2.00		99.3	%	80-120		09/24/1999	1306
MS	992526-7	990914S	1.90095			2.00	-0.00837	95.5	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	1.85504		1.90095	2.00	-0.00837	93.2	%	75-125		09/24/1999	1325
								2.4	R	20			
SD	992475-6		0.02037	U			0.04003					09/24/1999	1343
CCV		990924I	9.80968			10.0		98.1	%	90-110		09/24/1999	1347
CCB		990924B	0.01557	U						0.03		09/24/1999	1353
PDS	992475-5	990914S	1.93177			2.00	0.03758	94.7	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	1.92037		1.93177	2.00	0.03758	94.1	%	75-125		09/24/1999	1404
								0.6	R	20			
CCV		990924I	9.79450			10.0		97.9	%	90-110		09/24/1999	1439
CCB		990924B	0.01039	U						0.03		09/24/1999	1443
ISA		990806L	210.74682			250.0		84.3	%	80-120		09/24/1999	1455
ISA		990806L	209.86791			250.0		83.9	%	80-120		09/24/1999	1505
ISB		990806M	210.36811			251.00		83.8	%	80-120		09/24/1999	1510
CCV		990924I	9.70908			10.0		97.1	%	90-110		09/24/1999	1529
CCB		990924B	0.01356	U						0.03		09/24/1999	1532
MB		51837	0.01426	U						0.03		09/24/1999	1544
SB		990914S	1.84433			2.00		92.2	%	80-120		09/24/1999	1550
LCS		990648	37.73757			41.300000		91.4	%	56.2-144.1		09/24/1999	1556
SD	992522-1		20.85020				90.56369	-15.1	D	-10.-10.0	E	09/24/1999	1607
CCV		990924I	9.79449			10.0		97.9	%	90-110		09/24/1999	1643
CCB		990924B	0.01146	U						0.03		09/24/1999	1649
MS	992466-37	990914S	60.36487			2.00	51.11509	462.5	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	61.24622		60.36487	2.00	51.11509	506.6	%	75-125		09/24/1999	1742
								1.4	R	20			
PDS	992466-37	990914S	50.88763			2.00	51.11509	-11.4	%	75-125		09/24/1999	1748
CCV		990924I	9.81625			10.0		98.2	%	90-110		09/24/1999	1754
CCB		990924B	0.00690	U						0.03		09/24/1999	1800
ISA		990806L	218.70693			250.0		87.5	%	80-120		09/24/1999	1854
ISB		990806M	217.92962			251.00		86.8	%	80-120		09/24/1999	1900
CCV		990924I	9.73729			10.0		97.4	%	90-110		09/24/1999	1905
CCB		990924B	0.00584	U						0.03		09/24/1999	1911
ISA		990806L	221.00935			250.0		88.4	%	80-120		09/24/1999	2222
ISB		990806M	219.42114			251.00		87.4	%	80-120		09/24/1999	2228
CCV		990924I	9.71747			10.0		97.2	%	90-110		09/24/1999	2234
CCB		990924B	0.00420	U						0.03		09/24/1999	2240
MB		51836	0.00747	U						0.03		09/24/1999	2246
SB		990914S	2.00536			2.00		100.3	%	80-120		09/24/1999	2251
SD	992545-1		0.01178	U			0.03705					09/24/1999	2303
CCV		990924I	9.78803			10.0		97.9	%	90-110		09/24/1999	2345
CCB		990924B	0.00314	U						0.03		09/24/1999	2351
CCV		990924I	9.74742			10.0		97.5	%	90-110		09/25/1999	0057
CCB		990924B	0.00315	U						0.03		09/25/1999	0103
ISA		990806L	218.22039			250.0		87.3	%	80-120		09/25/1999	0138
ISB		990806M	220.78425			251.00		88.0	%	80-120		09/25/1999	0144
CCV		990924I	9.75251			10.0		97.5	%	90-110		09/25/1999	0150

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* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: AL
Parameter.....: Aluminum (Al)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
CCB		990924B	0.00372	U						0.03		09/25/1999	0156

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: SB
Parameter.....: Antimony (Sb)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	-0.00317	U								09/24/1999	1042
LRA		9909240	0.00019	U								09/24/1999	1046
LRA		990803K	1.00481			10.00						09/24/1999	1049
LRA		990719L	0.00823	B								09/24/1999	1053
LRA		990719M	0.00050	U								09/24/1999	1059
ICV		9909241	2.53109			2.5		101.2	%	90-110		09/24/1999	1104
ICB		990924B	0.00220	B						0.01		09/24/1999	1109
ISB		990806M	1.00682			1.0013		100.6	%	80-120		09/24/1999	1120
MB		51741	0.00163	U						0.01		09/24/1999	1128
SB		990914S	0.51596			0.50		103.2	%	80-120		09/24/1999	1131
MS	992475-5	990914S	0.53699			0.50	0.00117	107.2	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	0.51824		0.53699	0.50	0.00117	103.4	%	75-125		09/24/1999	1145
								3.6	R	20			
SD	992475-6		0.00139	U			0.00137					09/24/1999	1153
CCV		9909241	2.53125			2.5		101.2	%	90-110		09/24/1999	1157
CCB		990924B	0.00070	U						0.01		09/24/1999	1202
MS	992475-13	990914S	0.51781			0.50	0.00220	103.1	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	0.52250		0.51781	0.50	0.00220	104.1	%	75-125		09/24/1999	1240
								0.9	R	20			
CCV		9909241	2.54035			2.5		101.6	%	90-110		09/24/1999	1247
CCB		990924B	0.00024	U						0.01		09/24/1999	1253
MB		51835	0.00177	U						0.01		09/24/1999	1302
SB		990914S	0.50836			0.50		101.7	%	80-120		09/24/1999	1306
MS	992526-7	990914S	0.53849			0.50	0.00196	107.3	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	0.52433		0.53849	0.50	0.00196	104.5	%	75-125		09/24/1999	1325
								2.7	R	20			
SD	992548-3		-0.00069	U			0.00384					09/24/1999	1336
SD	992475-6		0.00147	U			-0.00079					09/24/1999	1343
CCV		9909241	2.54580			2.5		101.8	%	90-110		09/24/1999	1347
CCB		990924B	0.00118	U						0.01		09/24/1999	1353
PDS	992475-5	990914S	0.52945			0.50	0.00118	105.7	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	0.52882		0.52945	0.50	0.00118	105.5	%	75-125		09/24/1999	1404
								0.1	R	20			
CCV		9909241	2.47186			2.5		98.9	%	90-110		09/24/1999	1439
CCB		990924B	0.00064	U						0.01		09/24/1999	1443
ISB		990806M	0.94868			1.0013		94.7	%	80-120		09/24/1999	1510
CCV		9909241	2.50316			2.5		100.1	%	90-110		09/24/1999	1529
CCB		990924B	0.00131	U						0.01		09/24/1999	1532
MB		51837	0.00253	B						0.01		09/24/1999	1544
SB		990914S	0.46483			0.50		93.0	%	80-120		09/24/1999	1550
LCS		990648	0.88771			0.721000		123.1	%	20.5-178.9		09/24/1999	1556
SD	992522-1		0.00476	B			0.02152					09/24/1999	1607
CCV		9909241	2.54073			2.5		101.6	%	90-110		09/24/1999	1643
CCB		990924B	0.00130	U						0.01		09/24/1999	1649

* %=% REC, R=RPD, A=ABS Diff., D=% Diff. C00010

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: SB
Parameter.....: Antimony (Sb)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
MS	992466-37	990914S	0.41068			0.50	0.01225	79.7	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	0.40533		0.41068	0.50	0.01225	78.6	%	75-125		09/24/1999	1742
								1.3	R	20			
PDS	992466-37	990914S	0.46410			0.50	0.01225	90.4	%	75-125		09/24/1999	1748
CCV		990924I	2.55588			2.5		102.2	%	90-110		09/24/1999	1754
CCB		990924B	0.00167	U						0.01		09/24/1999	1800
ISB		990806M	1.00606			1.0013		100.5	%	80-120		09/24/1999	1900
CCV		990924I	2.53423			2.5		101.4	%	90-110		09/24/1999	1905
CCB		990924B	0.00092	U						0.01		09/24/1999	1911
ISB		990806M	1.01968			1.0013		101.8	%	80-120		09/24/1999	2228
CCV		990924I	2.53282			2.5		101.3	%	90-110		09/24/1999	2234
CCB		990924B	0.00221	B						0.01		09/24/1999	2240
MB		51836	0.00026	U						0.01		09/24/1999	2246
SB		990914S	0.51755			0.50		103.5	%	80-120		09/24/1999	2251
SD	992545-1		-0.00001	U			-0.00053					09/24/1999	2303
CCV		990924I	2.55824			2.5		102.3	%	90-110		09/24/1999	2345
CCB		990924B	0.00274	B						0.01		09/24/1999	2351
CCV		990924I	2.54127			2.5		101.7	%	90-110		09/25/1999	0057
CCB		990924B	0.00184	B						0.01		09/25/1999	0103
ISB		990806M	1.02289			1.0013		102.2	%	80-120		09/25/1999	0144
CCV		990924I	2.53715			2.5		101.5	%	90-110		09/25/1999	0150
CCB		990924B	-0.00037	U						0.01		09/25/1999	0156

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	0.00051	U								09/24/1999	1042
LRA		9909240	0.00105	U								09/24/1999	1046
LRA		990803K	1.00291			10.00						09/24/1999	1049
LRA		990719L	0.00024	U								09/24/1999	1053
LRA		990719M	0.00150	U								09/24/1999	1059
ICV		990924I	2.56322			2.5		102.5	%	90-110		09/24/1999	1104
ICB		990924B	0.00127	U						0.01		09/24/1999	1109
ISB		990806M	1.00201			1.0022		100.0	%	80-120		09/24/1999	1120
MB		51741	-0.00006	U						0.01		09/24/1999	1128
SB		990914S	1.92340			2.00		96.2	%	80-120		09/24/1999	1131
MS	992475-5	990914S	2.02114			2.00	0.00200	101.0	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	1.94291		2.02114	2.00	0.00200	97.0	%	75-125		09/24/1999	1145
								3.9	R	20			
SD	992475-6		-0.00033	U			0.00154					09/24/1999	1153
CCV		990924I	2.56183			2.5		102.5	%	90-110		09/24/1999	1157
CCB		990924B	0.00158	B						0.01		09/24/1999	1202
MS	992475-13	990914S	1.94253			2.00	0.00355	96.9	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	1.97062		1.94253	2.00	0.00355	98.4	%	75-125		09/24/1999	1240
								1.4	R	20			
CCV		990924I	2.58494			2.5		103.4	%	90-110		09/24/1999	1247
CCB		990924B	0.00074	U						0.01		09/24/1999	1253
MB		51835	0.00164	B						0.01		09/24/1999	1302
SB		990914S	1.90091			2.00		95.0	%	80-120		09/24/1999	1306

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: AS
Parameter.....: Arsenic (As)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
MS	992526-7	990914S	2.03227			2.00	0.00226	101.5	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	1.97845		2.03227	2.00	0.00226	98.8	%	75-125		09/24/1999	1325
								2.7	R	20			
SD	992548-3		0.00285	B			0.00586					09/24/1999	1336
SD	992475-6		0.00086	U			0.00087					09/24/1999	1343
CCV		990924I	2.59298			2.5		103.7	%	90-110		09/24/1999	1347
CCB		990924B	0.00195	B						0.01		09/24/1999	1353
PDS	992475-5	990914S	2.18137			2.00	0.00085	109.0	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	2.16400		2.18137	2.00	0.00085	108.2	%	75-125		09/24/1999	1404
								0.8	R	20			
CCV		990924I	2.55376			2.5		102.2	%	90-110		09/24/1999	1439
CCB		990924B	0.00181	B						0.01		09/24/1999	1443
ISB		990806M	0.96431			1.0022		96.2	%	80-120		09/24/1999	1510
CCV		990924I	2.54578			2.5		101.8	%	90-110		09/24/1999	1529
CCB		990924B	0.00108	U						0.01		09/24/1999	1532
MB		51837	-0.00112	U						0.01		09/24/1999	1544
SB		990914S	1.72657			2.00		86.3	%	80-120		09/24/1999	1550
LCS		990648	0.60008			0.586000		102.4	%	70.1-129.9		09/24/1999	1556
SD	992522-1		0.65296				2.97082	-9.9	D	-10.-10.0		09/24/1999	1607
CCV		990924I	2.54875			2.5		102.0	%	90-110		09/24/1999	1643
CCB		990924B	0.00181	B						0.01		09/24/1999	1649
MS	992466-37	990914S	2.27610			2.00	0.46018	90.8	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	2.22850		2.27610	2.00	0.46018	88.4	%	75-125		09/24/1999	1742
								2.1	R	20			
PDS	992466-37	990914S	2.28638			2.00	0.46018	91.3	%	75-125		09/24/1999	1748
CCV		990924I	2.57495			2.5		103.0	%	90-110		09/24/1999	1754
CCB		990924B	0.00189	B						0.01		09/24/1999	1800
ISB		990806M	0.99063			1.0022		98.8	%	80-120		09/24/1999	1900
CCV		990924I	2.54438			2.5		101.8	%	90-110		09/24/1999	1905
CCB		990924B	0.00129	U						0.01		09/24/1999	1911
ISB		990806M	1.00212			1.0022		100.0	%	80-120		09/24/1999	2228
CCV		990924I	2.54101			2.5		101.6	%	90-110		09/24/1999	2234
CCB		990924B	0.00016	U						0.01		09/24/1999	2240
MB		51836	0.00160	B						0.01		09/24/1999	2246
SB		990914S	1.91005			2.00		95.5	%	80-120		09/24/1999	2251
SD	992545-1		0.00079	U			-0.00030					09/24/1999	2303
CCV		990924I	2.57222			2.5		102.9	%	90-110		09/24/1999	2345
CCB		990924B	0.00096	U						0.01		09/24/1999	2351
CCV		990924I	2.55761			2.5		102.3	%	90-110		09/25/1999	0057
CCB		990924B	0.00020	U						0.01		09/25/1999	0103
ISB		990806M	1.00972			1.0022		100.8	%	80-120		09/25/1999	0144
CCV		990924I	2.54111			2.5		101.6	%	90-110		09/25/1999	0150
CCB		990924B	0.00077	U						0.01		09/25/1999	0156

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* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	0.00008	U								09/24/1999	1042
LRA		9909240	0.00024	U								09/24/1999	1046
LRA		990803K	0.00013	U								09/24/1999	1049
LRA		990719L	2.00249			10.00						09/24/1999	1053
LRA		990719M	0.00013	U								09/24/1999	1059
ICV		9909241	5.02439			5.0		100.5	%	90-110		09/24/1999	1104
ICB		990924B	-0.00005	U						0.001		09/24/1999	1109
ISB		990806M	0.47604			0.4975		95.7	%	80-120		09/24/1999	1120
MB		51741	-0.00001	U						0.001		09/24/1999	1128
SB		990914S	2.01138			2.00		100.6	%	80-120		09/24/1999	1131
MS	992475-5	990914S	2.01652			2.00	0.05071	98.3	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	1.95294		2.01652	2.00	0.05071	95.1	%	75-125		09/24/1999	1145
								3.2	R	20			
SD	992475-6		0.01119				0.05221	-7.2	D	-10.-10.0		09/24/1999	1153
CCV		9909241	5.02649			5.0		100.5	%	90-110		09/24/1999	1157
CCB		990924B	0.00007	U						0.001		09/24/1999	1202
MS	992475-13	990914S	1.95966			2.00	0.07248	94.4	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	1.98091		1.95966	2.00	0.07248	95.4	%	75-125		09/24/1999	1240
								1.1	R	20			
CCV		9909241	5.07049			5.0		101.4	%	90-110		09/24/1999	1247
CCB		990924B	-0.00004	U						0.001		09/24/1999	1253
MB		51835	0.00000	U						0.001		09/24/1999	1302
SB		990914S	1.97057			2.00		98.5	%	80-120		09/24/1999	1306
MS	992526-7	990914S	2.02635			2.00	0.06925	97.9	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	1.97390		2.02635	2.00	0.06925	95.2	%	75-125		09/24/1999	1325
								2.6	R	20			
SD	992548-3		0.03776				0.17243	-9.5	D	-10.-10.0		09/24/1999	1336
SD	992475-6		0.01009				0.05018	-0.5	D	-10.-10.0		09/24/1999	1343
CCV		9909241	5.01103			5.0		100.2	%	90-110		09/24/1999	1347
CCB		990924B	0.00002	U						0.001		09/24/1999	1353
PDS	992475-5	990914S	1.96775			2.00	0.05019	95.9	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	1.95616		1.96775	2.00	0.05019	95.3	%	75-125		09/24/1999	1404
								0.6	R	20			
CCV		9909241	4.83573			5.0		96.7	%	90-110		09/24/1999	1439
CCB		990924B	0.00013	U						0.001		09/24/1999	1443
ISB		990806M	0.44225			0.4975		88.9	%	80-120		09/24/1999	1510
CCV		9909241	4.95993			5.0		99.2	%	90-110		09/24/1999	1529
CCB		990924B	0.00012	U						0.001		09/24/1999	1532
MB		51837	0.00027	U						0.001		09/24/1999	1544
SB		990914S	1.87350			2.00		93.7	%	80-120		09/24/1999	1550
LCS		990648	0.78421			0.736000		106.6	%	77.0-123.0		09/24/1999	1556
SD	992522-1		0.36130				1.65234	-9.3	D	-10.-10.0		09/24/1999	1607
CCV		9909241	5.02866			5.0		100.6	%	90-110		09/24/1999	1643
CCB		990924B	0.00012	U						0.001		09/24/1999	1649
MS	992466-37	990914S	3.05214			2.00	1.32509	86.4	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	3.09534		3.05214	2.00	1.32509	88.5	%	75-125		09/24/1999	1742
								1.4	R	20			
PDS	992466-37	990914S	3.11611			2.00	1.32509	89.6	%	75-125		09/24/1999	1748
CCV		9909241	5.03913			5.0		100.8	%	90-110		09/24/1999	1754
CCB		990924B	0.00008	U						0.001		09/24/1999	1800
ISB		990806M	0.47479			0.4975		95.4	%	80-120		09/24/1999	1900
CCV		9909241	4.98889			5.0		99.8	%	90-110		09/24/1999	1905
CCB		990924B	0.00014	U						0.001		09/24/1999	1911

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: BA
Parameter.....: Barium (Ba)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
ISB		990806M	0.47797			0.4975		96.1	%	80-120		09/24/1999	2228
CCV		990924I	4.98036			5.0		99.6	%	90-110		09/24/1999	2234
CCB		990924B	0.00015	U						0.001		09/24/1999	2240
MB		51836	0.00012	U						0.001		09/24/1999	2246
SB		990914S	1.99097			2.00		99.5	%	80-120		09/24/1999	2251
SD	992545-1		0.00036	U			0.00156					09/24/1999	2303
CCV		990924I	5.02522			5.0		100.5	%	90-110		09/24/1999	2345
CCB		990924B	0.00008	U						0.001		09/24/1999	2351
CCV		990924I	5.01491			5.0		100.3	%	90-110		09/25/1999	0057
CCB		990924B	0.00009	U						0.001		09/25/1999	0103
ISB		990806M	0.47930			0.4975		96.3	%	80-120		09/25/1999	0144
CCV		990924I	5.00635			5.0		100.1	%	90-110		09/25/1999	0150
CCB		990924B	0.00009	U						0.001		09/25/1999	0156

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: BE
Parameter.....: Beryllium (Be)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	-0.00005	U								09/24/1999	1042
LRA		990924O	-0.00009	U								09/24/1999	1046
LRA		990803K	-0.00004	U								09/24/1999	1049
LRA		990719L	4.08806			20.00						09/24/1999	1053
LRA		990719M	-0.00021	U								09/24/1999	1059
ICV		990924I	2.62504			2.5		105.0	%	90-110		09/24/1999	1104
ICB		990924B	-0.00021	U						0.001		09/24/1999	1109
ISB		990806M	0.51958			0.4994		104.0	%	80-120		09/24/1999	1120
MB		51741	-0.00012	U						0.001		09/24/1999	1128
SB		990914S	0.05303			0.05		106.1	%	80-120		09/24/1999	1131
MS	992475-5	990914S	0.05494			0.05	-0.00014	110.2	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	0.05282		0.05494	0.05	-0.00014	105.9	%	75-125		09/24/1999	1145
								3.9	R	20			
SD	992475-6		-0.00002	U			-0.00005					09/24/1999	1153
CCV		990924I	2.62268			2.5		104.9	%	90-110		09/24/1999	1157
CCB		990924B	-0.00011	U						0.001		09/24/1999	1202
MS	992475-13	990914S	0.05301			0.05	0.00012	105.8	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	0.05371		0.05301	0.05	0.00012	107.2	%	75-125		09/24/1999	1240
								1.3	R	20			
CCV		990924I	2.64313			2.5		105.7	%	90-110		09/24/1999	1247
CCB		990924B	-0.00012	U						0.001		09/24/1999	1253
MB		51835	-0.00002	U						0.001		09/24/1999	1302
SB		990914S	0.05262			0.05		105.2	%	80-120		09/24/1999	1306
MS	992526-7	990914S	0.05509			0.05	-0.00004	110.3	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	0.05364		0.05509	0.05	-0.00004	107.4	%	75-125		09/24/1999	1325
								2.7	R	20			
SD	992548-3		0.00011	U			0.00035					09/24/1999	1336
SD	992475-6		-0.00009	U			-0.00001					09/24/1999	1343
CCV		990924I	2.64109			2.5		105.6	%	90-110		09/24/1999	1347
CCB		990924B	-0.00015	U						0.001		09/24/1999	1353
PDS	992475-5	990914S	0.05332			0.05	-0.00013	106.9	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	0.05290		0.05332	0.05	-0.00013	106.1	%	75-125		09/24/1999	1404
								0.8	R	20			

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: BE
Parameter.....: Beryllium (Be)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
CCV		990924I	2.54178			2.5		101.7	%	90-110		09/24/1999	1439
CCB		990924B	0.00003	U						0.001		09/24/1999	1443
ISB		990806M	0.48399			0.4994		96.9	%	80-120		09/24/1999	1510
CCV		990924I	2.62429			2.5		105.0	%	90-110		09/24/1999	1529
CCB		990924B	-0.00006	U						0.001		09/24/1999	1532
MB		51837	0.00011	U						0.001		09/24/1999	1544
SB		990914S	0.04870			0.05		97.4	%	80-120		09/24/1999	1550
LCS		990648	1.18813			1.080000		110.0	%	78.3-121.3		09/24/1999	1556
SD	992522-1		0.00129				0.00596					09/24/1999	1607
CCV		990924I	2.61652			2.5		104.7	%	90-110		09/24/1999	1643
CCB		990924B	0.00004	U						0.001		09/24/1999	1649
MS	992466-37	990914S	0.05593			0.05	0.00392	104.0	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	0.05525		0.05593	0.05	0.00392	102.7	%	75-125		09/24/1999	1742
								1.2	R	20			
PDS	992466-37	990914S	0.05206			0.05	0.00392	96.3	%	75-125		09/24/1999	1748
CCV		990924I	2.64348			2.5		105.7	%	90-110		09/24/1999	1754
CCB		990924B	0.00006	U						0.001		09/24/1999	1800
ISB		990806M	0.51087			0.4994		102.3	%	80-120		09/24/1999	1900
CCV		990924I	2.61503			2.5		104.6	%	90-110		09/24/1999	1905
CCB		990924B	0.00007	U						0.001		09/24/1999	1911
ISB		990806M	0.51917			0.4994		104.0	%	80-120		09/24/1999	2228
CCV		990924I	2.61185			2.5		104.5	%	90-110		09/24/1999	2234
CCB		990924B	0.00009	U						0.001		09/24/1999	2240
MB		51836	0.00005	U						0.001		09/24/1999	2246
SB		990914S	0.05319			0.05		106.4	%	80-120		09/24/1999	2251
SD	992545-1		0.00010	U			0.00011					09/24/1999	2303
CCV		990924I	2.63130			2.5		105.3	%	90-110		09/24/1999	2345
CCB		990924B	0.00009	U						0.001		09/24/1999	2351
CCV		990924I	2.61605			2.5		104.6	%	90-110		09/25/1999	0057
CCB		990924B	0.00006	U						0.001		09/25/1999	0103
ISB		990806M	0.52101			0.4994		104.3	%	80-120		09/25/1999	0144
CCV		990924I	2.60930			2.5		104.4	%	90-110		09/25/1999	0150
CCB		990924B	0.00007	U						0.001		09/25/1999	0156

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	0.00009	U								09/24/1999	1042
LRA		990924O	0.00011	U								09/24/1999	1046
LRA		990803K	0.00023	U								09/24/1999	1049
LRA		990719L	2.01356			10.00						09/24/1999	1053
LRA		990719M	0.00039	B								09/24/1999	1059
ICV		990924I	1.00116			1.0		100.1	%	90-110		09/24/1999	1104
ICB		990924B	-0.00000	U						0.001		09/24/1999	1109
ISB		990806M	0.94453			0.9985		94.6	%	80-120		09/24/1999	1120
MB		51741	0.00005	U						0.001		09/24/1999	1128
SB		990914S	0.05099			0.05		102.0	%	80-120		09/24/1999	1131
MS	992475-5	990914S	0.05177			0.05	0.00026	103.0	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	0.04951		0.05177	0.05	0.00026	98.5	%	75-125		09/24/1999	1145
								4.5	R	20			

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: tmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: CD
Parameter.....: Cadmium (Cd)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
SD	992475-6		0.00027	U			0.00032					09/24/1999	1153
CCV		990924I	1.00192			1.0		100.2	%	90-110		09/24/1999	1157
CCB		990924B	0.00023	U						0.001		09/24/1999	1202
MS	992475-13	990914S	0.04946			0.05	0.00026	98.4	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	0.05010		0.04946	0.05	0.00026	99.7	%	75-125		09/24/1999	1240
								1.3	R	20			
CCV		990924I	1.00815			1.0		100.8	%	90-110		09/24/1999	1247
CCB		990924B	0.00015	U						0.001		09/24/1999	1253
MB		51835	0.00007	U						0.001		09/24/1999	1302
SB		990914S	0.05040			0.05		100.8	%	80-120		09/24/1999	1306
MS	992526-7	990914S	0.05179			0.05	0.00015	103.3	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	0.05017		0.05179	0.05	0.00015	100.0	%	75-125		09/24/1999	1325
								3.2	R	20			
SD	992548-3		0.00013	U			-0.00013					09/24/1999	1336
SD	992475-6		0.00026	U			0.00031					09/24/1999	1343
CCV		990924I	1.01296			1.0		101.3	%	90-110		09/24/1999	1347
CCB		990924B	0.00003	U						0.001		09/24/1999	1353
CCV		990924I	0.99757			1.0		99.8	%	90-110		09/24/1999	1439
CCB		990924B	0.00028	U						0.001		09/24/1999	1443
ISB		990806M	0.91109			0.9985		91.2	%	80-120		09/24/1999	1510
CCV		990924I	0.99457			1.0		99.5	%	90-110		09/24/1999	1529
CCB		990924B	0.00015	U						0.001		09/24/1999	1532
MB		51837	0.00009	U						0.001		09/24/1999	1544
SB		990914S	0.04655			0.05		93.1	%	80-120		09/24/1999	1550
LCS		990648	1.96700			1.850000		106.3	%	77.3-123.2		09/24/1999	1556
SD	992522-1		0.01538				0.06872	-11.9	D	-10.-10.0	E	09/24/1999	1607
CCV		990924I	0.99289			1.0		99.3	%	90-110		09/24/1999	1643
CCB		990924B	0.00025	U						0.001		09/24/1999	1649
MS	992466-37	990914S	0.08934			0.05	0.04139	95.9	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	0.08971		0.08934	0.05	0.04139	96.6	%	75-125		09/24/1999	1742
								0.4	R	20			
CCV		990924I	1.00530			1.0		100.5	%	90-110		09/24/1999	1754
CCB		990924B	0.00019	U						0.001		09/24/1999	1800
ISB		990806M	0.93177			0.9985		93.3	%	80-120		09/24/1999	1900
CCV		990924I	0.99323			1.0		99.3	%	90-110		09/24/1999	1905
CCB		990924B	0.00023	U						0.001		09/24/1999	1911
ISB		990806M	0.94549			0.9985		94.7	%	80-120		09/24/1999	2228
CCV		990924I	0.99252			1.0		99.3	%	90-110		09/24/1999	2234
CCB		990924B	0.00014	U						0.001		09/24/1999	2240
MB		51836	0.00014	U						0.001		09/24/1999	2246
SB		990914S	0.05086			0.05		101.7	%	80-120		09/24/1999	2251
SD	992545-1		0.00008	U			0.00008					09/24/1999	2303
CCV		990924I	1.00375			1.0		100.4	%	90-110		09/24/1999	2345
CCB		990924B	0.00014	U						0.001		09/24/1999	2351
CCV		990924I	0.99639			1.0		99.6	%	90-110		09/25/1999	0057
CCB		990924B	0.00029	U						0.001		09/25/1999	0103
ISB		990806M	0.95303			0.9985		95.4	%	80-120		09/25/1999	0144
CCV		990924I	0.98904			1.0		98.9	%	90-110		09/25/1999	0150
CCB		990924B	0.00012	U						0.001		09/25/1999	0156

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* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: CAH
Parameter.....: Calcium (Ca)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	0.01030	B								09/24/1999	1042
LRA		9909240	0.03619	B								09/24/1999	1046
LRA		990803K	0.03994	B								09/24/1999	1049
LRA		990719L	0.02733	B								09/24/1999	1053
LRA		990719M	50.42906			50.000						09/24/1999	1059
ICV		9909241	10.51702			10.0		105.2	%	90-110		09/24/1999	1104
ICB		990924B	0.00076	U						0.1		09/24/1999	1109
ISA		990806L	262.09039			250.0		104.8	%	80-120		09/24/1999	1113
ISB		990806M	259.80249			250.0		103.9	%	80-120		09/24/1999	1120
MB		51741	0.00357	U						0.1		09/24/1999	1128
SB		990914S	10.85751			10.0		108.6	%	80-120		09/24/1999	1131
MS	992475-5	990914S	89.86698			10.0	70.10923	197.6	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	82.50100		89.86698	10.0	70.10923	123.9	%	75-125		09/24/1999	1145
								8.5	R	20			
SD	992475-6		15.21527				71.95008	-5.7	D	-10.-10.0		09/24/1999	1153
CCV		9909241	10.47290			10.0		104.7	%	90-110		09/24/1999	1157
CCB		990924B	0.00042	U						0.1		09/24/1999	1202
MS	992475-13	990914S	100.93631			10.0	90.48989	104.5	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	99.69332		100.93631	10.0	90.48989	92.0	%	75-125		09/24/1999	1240
								1.2	R	20			
CCV		9909241	10.53669			10.0		105.4	%	90-110		09/24/1999	1247
CCB		990924B	0.00068	U						0.1		09/24/1999	1253
MB		51835	0.00698	U						0.1		09/24/1999	1302
SB		990914S	10.60253			10.0		106.0	%	80-120		09/24/1999	1306
MS	992526-7	990914S	104.87326			10.0	92.60591	122.7	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	101.88889		104.87326	10.0	92.60591	92.8	%	75-125		09/24/1999	1325
								2.9	R	20			
SD	992548-3		19.87715				95.19828	-4.4	D	-10.-10.0		09/24/1999	1336
SD	992475-6		14.59015				73.57965	0.9	D	-10.-10.0		09/24/1999	1343
CCV		9909241	10.56974			10.0		105.7	%	90-110		09/24/1999	1347
CCB		990924B	0.00051	U						0.1		09/24/1999	1353
PDS	992475-5	990914S	83.10789			10.0	73.97601	91.3	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	82.57766		83.10789	10.0	73.97601	86.0	%	75-125		09/24/1999	1404
								0.6	R	20			
CCV		9909241	10.36534			10.0		103.7	%	90-110		09/24/1999	1439
CCB		990924B	0.00059	U						0.1		09/24/1999	1443
ISA		990806L	249.84533			250.0		99.9	%	80-120		09/24/1999	1455
ISA		990806L	249.55833			250.0		99.8	%	80-120		09/24/1999	1505
ISB		990806M	248.23348			250.0		99.3	%	80-120		09/24/1999	1510
CCV		9909241	10.38229			10.0		103.8	%	90-110		09/24/1999	1529
CCB		990924B	0.00187	U						0.1		09/24/1999	1532
MB		51837	0.00723	U						0.1		09/24/1999	1544
SB		990914S	9.88432			10.0		98.8	%	80-120		09/24/1999	1550
LCS		990648	17.07137			16.000000		106.7	%	75.0-125.0		09/24/1999	1556
SD	992522-1		11.31775				51.65323	-9.6	D	-10.-10.0		09/24/1999	1607
CCV		9909241	10.48040			10.0		104.8	%	90-110		09/24/1999	1643
CCB		990924B	0.00417	U						0.1		09/24/1999	1649
MS	992466-37	990914S	35.18483			10.0	25.57022	96.1	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	34.52871		35.18483	10.0	25.57022	89.6	%	75-125		09/24/1999	1742
								1.9	R	20			
PDS	992466-37	990914S	34.90625			10.0	25.57022	93.4	%	75-125		09/24/1999	1748
CCV		9909241	10.60542			10.0		106.1	%	90-110		09/24/1999	1754
CCB		990924B	0.00425	U						0.1		09/24/1999	1800

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: CAH
Parameter.....: Calcium (Ca)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
ISA		990806L	259.50466			250.0		103.8	%	80-120		09/24/1999	1854
ISB		990806M	257.99203			250.0		103.2	%	80-120		09/24/1999	1900
CCV		990924I	10.44173			10.0		104.4	%	90-110		09/24/1999	1905
CCB		990924B	0.00672	U						0.1		09/24/1999	1911
ISA		990806L	265.44174			250.0		106.2	%	80-120		09/24/1999	2222
ISB		990806M	262.61941			250.0		105.0	%	80-120		09/24/1999	2228
CCV		990924I	10.45570			10.0		104.6	%	90-110		09/24/1999	2234
CCB		990924B	0.00775	U						0.1		09/24/1999	2240
MB		51836	0.00596	U						0.1		09/24/1999	2246
SB		990914S	10.76843			10.0		107.7	%	80-120		09/24/1999	2251
SD	992545-1		0.12502				0.57461	-8.8	D	-10.-10.0		09/24/1999	2303
CCV		990924I	10.59742			10.0		106.0	%	90-110		09/24/1999	2345
CCB		990924B	0.00698	U						0.1		09/24/1999	2351
CCV		990924I	10.54231			10.0		105.4	%	90-110		09/25/1999	0057
CCB		990924B	0.00621	U						0.1		09/25/1999	0103
ISA		990806L	260.02954			250.0		104.0	%	80-120		09/25/1999	0138
ISB		990806M	264.44027			250.0		105.8	%	80-120		09/25/1999	0144
CCV		990924I	10.44429			10.0		104.4	%	90-110		09/25/1999	0150
CCB		990924B	0.00792	U						0.1		09/25/1999	0156

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	0.00027	U								09/24/1999	1042
LRA		990924O	0.00052	B								09/24/1999	1046
LRA		990803K	0.00056	B								09/24/1999	1049
LRA		990719L	2.00853			10.00						09/24/1999	1053
LRA		990719M	0.00067	B								09/24/1999	1059
ICV		990924I	2.57984			2.5		103.2	%	90-110		09/24/1999	1104
ICB		990924B	0.00012	U						0.005		09/24/1999	1109
ISB		990806M	0.48109			0.4993		96.4	%	80-120		09/24/1999	1120
MB		51741	0.00035	U						0.005		09/24/1999	1128
SB		990914S	0.20783			0.20		103.9	%	80-120		09/24/1999	1131
MS	992475-5	990914S	0.21277			0.20	0.00262	105.1	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	0.20419		0.21277	0.20	0.00262	100.8	%	75-125		09/24/1999	1145
								4.1	R	20			
SD	992475-6		0.00105	B			0.00263					09/24/1999	1153
CCV		990924I	2.58425			2.5		103.4	%	90-110		09/24/1999	1157
CCB		990924B	0.00054	B						0.005		09/24/1999	1202
MS	992475-13	990914S	0.20099			0.20	0.00243	99.3	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	0.20338		0.20099	0.20	0.00243	100.5	%	75-125		09/24/1999	1240
								1.2	R	20			
CCV		990924I	2.59713			2.5		103.9	%	90-110		09/24/1999	1247
CCB		990924B	0.00013	U						0.005		09/24/1999	1253
MB		51835	0.00035	U						0.005		09/24/1999	1302
SB		990914S	0.20468			0.20		102.3	%	80-120		09/24/1999	1306
MS	992526-7	990914S	0.21100			0.20	0.00071	105.1	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	0.20503		0.21100	0.20	0.00071	102.2	%	75-125		09/24/1999	1325
								2.9	R	20			

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* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: CR
Parameter.....: Chromium (Cr)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
SD	992548-3		0.00113	B			0.00298					09/24/1999	1336
SD	992475-6		0.00044	U			0.00289					09/24/1999	1343
CCV		990924I	2.59594			2.5		103.8	%	90-110		09/24/1999	1347
CCB		990924B	0.00011	U						0.005		09/24/1999	1353
PDS	992475-5	990914S	0.20775			0.20	0.00233	102.7	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	0.20613		0.20775	0.20	0.00233	101.9	%	75-125		09/24/1999	1404
								0.8	R	20			
CCV		990924I	2.52580			2.5		101.0	%	90-110		09/24/1999	1439
CCB		990924B	0.00026	U						0.005		09/24/1999	1443
ISB		990806M	0.45565			0.4993		91.3	%	80-120		09/24/1999	1510
CCV		990924I	2.55575			2.5		102.2	%	90-110		09/24/1999	1529
CCB		990924B	0.00055	B						0.005		09/24/1999	1532
MB		51837	0.00105	B						0.005		09/24/1999	1544
SB		990914S	0.19143			0.20		95.7	%	80-120		09/24/1999	1550
LCS		990648	0.50674			0.507000		99.9	%	70.4-129.6		09/24/1999	1556
SD	992522-1		0.09101				0.41674	-9.2	D	-10.-10.0		09/24/1999	1607
CCV		990924I	2.57866			2.5		103.1	%	90-110		09/24/1999	1643
CCB		990924B	0.00043	U						0.005		09/24/1999	1649
MS	992466-37	990914S	0.33161			0.20	0.12812	101.7	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	0.32733		0.33161	0.20	0.12812	99.6	%	75-125		09/24/1999	1742
								1.3	R	20			
PDS	992466-37	990914S	0.31407			0.20	0.12812	93.0	%	75-125		09/24/1999	1748
CCV		990924I	2.60687			2.5		104.3	%	90-110		09/24/1999	1754
CCB		990924B	0.00020	U						0.005		09/24/1999	1800
ISB		990806M	0.47874			0.4993		95.9	%	80-120		09/24/1999	1900
CCV		990924I	2.57734			2.5		103.1	%	90-110		09/24/1999	1905
CCB		990924B	0.00047	B						0.005		09/24/1999	1911
ISB		990806M	0.48438			0.4993		97.0	%	80-120		09/24/1999	2228
CCV		990924I	2.57603			2.5		103.0	%	90-110		09/24/1999	2234
CCB		990924B	0.00053	B						0.005		09/24/1999	2240
MB		51836	0.00058	B						0.005		09/24/1999	2246
SB		990914S	0.20712			0.20		103.6	%	80-120		09/24/1999	2251
SD	992545-1		0.00039	U			0.00049					09/24/1999	2303
CCV		990924I	2.59920			2.5		104.0	%	90-110		09/24/1999	2345
CCB		990924B	0.00037	U						0.005		09/24/1999	2351
CCV		990924I	2.58374			2.5		103.3	%	90-110		09/25/1999	0057
CCB		990924B	0.00028	U						0.005		09/25/1999	0103
ISB		990806M	0.48696			0.4993		97.5	%	80-120		09/25/1999	0144
CCV		990924I	2.57091			2.5		102.8	%	90-110		09/25/1999	0150
CCB		990924B	0.00031	U						0.005		09/25/1999	0156

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: CO
Parameter.....: Cobalt (Co)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	0.00079	B								09/24/1999	1042
LRA		990924O	0.00064	B								09/24/1999	1046
LRA		990803K	-0.00016	U								09/24/1999	1049
LRA		990719L	2.01272			10.00						09/24/1999	1053
LRA		990719M	0.00027	B								09/24/1999	1059

* %=% REC, R=RPD, A=ABS Diff., D=% Diff

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: CO
Parameter.....: Cobalt (Co)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
ICV		990924I	2.54557			2.5		101.8	%	90-110		09/24/1999	1104
ICB		990924B	0.00039	B						0.005		09/24/1999	1109
ISB		990806M	0.46022			0.4996		92.1	%	80-120		09/24/1999	1120
MB		51741	-0.00010	U						0.005		09/24/1999	1128
SB		990914S	0.50505			0.50		101.0	%	80-120		09/24/1999	1131
MS	992475-5	990914S	0.50855			0.50	0.00018	101.7	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	0.48815		0.50855	0.50	0.00018	97.6	%	75-125		09/24/1999	1145
								4.1	R	20			
SD	992475-6		0.00032	B			0.00046					09/24/1999	1153
CCV		990924I	2.54659			2.5		101.9	%	90-110		09/24/1999	1157
CCB		990924B	0.00028	B						0.005		09/24/1999	1202
MS	992475-13	990914S	0.49100			0.50	0.00205	97.8	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	0.49711		0.49100	0.50	0.00205	99.0	%	75-125		09/24/1999	1240
								1.2	R	20			
CCV		990924I	2.56725			2.5		102.7	%	90-110		09/24/1999	1247
CCB		990924B	0.00009	U						0.005		09/24/1999	1253
MB		51835	-0.00004	U						0.005		09/24/1999	1302
SB		990914S	0.49958			0.50		99.9	%	80-120		09/24/1999	1306
MS	992526-7	990914S	0.51119			0.50	0.00043	102.2	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	0.49788		0.51119	0.50	0.00043	99.5	%	75-125		09/24/1999	1325
								2.6	R	20			
SD	992548-3		0.00072	B			0.00173					09/24/1999	1336
SD	992475-6		-0.00010	U			0.00129					09/24/1999	1343
CCV		990924I	2.57072			2.5		102.8	%	90-110		09/24/1999	1347
CCB		990924B	0.00025	B						0.005		09/24/1999	1353
PDS	992475-5	990914S	0.50015			0.50	0.00063	99.9	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	0.49704		0.50015	0.50	0.00063	99.3	%	75-125		09/24/1999	1404
								0.6	R	20			
CCV		990924I	2.51276			2.5		100.5	%	90-110		09/24/1999	1439
CCB		990924B	0.00028	B						0.005		09/24/1999	1443
ISB		990806M	0.43898			0.4996		87.9	%	80-120		09/24/1999	1510
CCV		990924I	2.52208			2.5		100.9	%	90-110		09/24/1999	1529
CCB		990924B	0.00034	B						0.005		09/24/1999	1532
MB		51837	0.00006	U						0.005		09/24/1999	1544
SB		990914S	0.45873			0.50		91.7	%	80-120		09/24/1999	1550
LCS		990648	1.57526			1.510000		104.3	%	79.5-120.5		09/24/1999	1556
SD	992522-1		0.01338				0.05844	-14.5	D	-10.-10.0	E	09/24/1999	1607
CCV		990924I	2.53432			2.5		101.4	%	90-110		09/24/1999	1643
CCB		990924B	0.00060	B						0.005		09/24/1999	1649
MS	992466-37	990914S	0.53374			0.50	0.03725	99.3	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	0.52644		0.53374	0.50	0.03725	97.8	%	75-125		09/24/1999	1742
								1.4	R	20			
PDS	992466-37	990914S	0.49929			0.50	0.03725	92.4	%	75-125		09/24/1999	1748
CCV		990924I	2.56298			2.5		102.5	%	90-110		09/24/1999	1754
CCB		990924B	0.00040	B						0.005		09/24/1999	1800
ISB		990806M	0.45403			0.4996		90.9	%	80-120		09/24/1999	1900
CCV		990924I	2.53117			2.5		101.2	%	90-110		09/24/1999	1905
CCB		990924B	0.00032	B						0.005		09/24/1999	1911
ISB		990806M	0.46108			0.4996		92.3	%	80-120		09/24/1999	2228
CCV		990924I	2.52606			2.5		101.0	%	90-110		09/24/1999	2234
CCB		990924B	0.00070	B						0.005		09/24/1999	2240
MB		51836	0.00033	B						0.005		09/24/1999	2246
SB		990914S	0.50182			0.50		100.4	%	80-120		09/24/1999	2251

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: CO
Parameter.....: Cobalt (Co)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
SD	992545-1		0.00028	B			0.00010					09/24/1999	2303
CCV		990924I	2.55152			2.5		102.1	%	90-110		09/24/1999	2345
CCB		990924B	0.00051	B						0.005		09/24/1999	2351
CCV		990924I	2.53360			2.5		101.3	%	90-110		09/25/1999	0057
CCB		990924B	0.00007	U						0.005		09/25/1999	0103
ISB		990806M	0.46288			0.4996		92.7	%	80-120		09/25/1999	0144
CCV		990924I	2.51955			2.5		100.8	%	90-110		09/25/1999	0150
CCB		990924B	0.00044	B						0.005		09/25/1999	0156

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: CU
Parameter.....: Copper (Cu)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	1.00181			10.00						09/24/1999	1042
LRA		990924O	0.00115	B								09/24/1999	1046
LRA		990803K	0.00105	B								09/24/1999	1049
LRA		990719L	-0.00027	U								09/24/1999	1053
LRA		990719M	0.00030	U								09/24/1999	1059
ICV		990924I	2.40071			2.5		96.0	%	90-110		09/24/1999	1104
ICB		990924B	0.00029	U						0.005		09/24/1999	1109
ISB		990806M	0.46313			0.5010		92.4	%	80-120		09/24/1999	1120
MB		51741	0.00012	U						0.005		09/24/1999	1128
SB		990914S	0.24243			0.25		97.0	%	80-120		09/24/1999	1131
MS	992475-5	990914S	0.24720			0.25	0.00256	97.9	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	0.23885		0.24720	0.25	0.00256	94.5	%	75-125		09/24/1999	1145
								3.4	R	20			
SD	992475-6		0.00107	B			0.00285					09/24/1999	1153
CCV		990924I	2.40326			2.5		96.1	%	90-110		09/24/1999	1157
CCB		990924B	0.00054	U						0.005		09/24/1999	1202
MS	992475-13	990914S	0.23906			0.25	0.00529	93.5	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	0.24082		0.23906	0.25	0.00529	94.2	%	75-125		09/24/1999	1240
								0.7	R	20			
CCV		990924I	2.42461			2.5		97.0	%	90-110		09/24/1999	1247
CCB		990924B	-0.00047	U						0.005		09/24/1999	1253
MB		51835	-0.00055	U						0.005		09/24/1999	1302
SB		990914S	0.23816			0.25		95.3	%	80-120		09/24/1999	1306
MS	992526-7	990914S	0.24474			0.25	0.00052	97.7	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	0.23815		0.24474	0.25	0.00052	95.1	%	75-125		09/24/1999	1325
								2.7	R	20			
SD	992548-3		0.00098	B			0.00440					09/24/1999	1336
SD	992475-6		0.00019	U			0.00295					09/24/1999	1343
CCV		990924I	2.40317			2.5		96.1	%	90-110		09/24/1999	1347
CCB		990924B	-0.00052	U						0.005		09/24/1999	1353
PDS	992475-5	990914S	0.23388			0.25	0.00176	92.8	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	0.23227		0.23388	0.25	0.00176	92.2	%	75-125		09/24/1999	1404
								0.7	R	20			
CCV		990924I	2.32609			2.5		93.0	%	90-110		09/24/1999	1439
CCB		990924B	-0.00046	U						0.005		09/24/1999	1443
ISB		990806M	0.43115			0.5010		86.1	%	80-120		09/24/1999	1510
CCV		990924I	2.37970			2.5		95.2	%	90-110		09/24/1999	1529

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: CU
Parameter.....: Copper (Cu)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
CCB		990924B	-0.00008	U						0.005		09/24/1999	1532
MB		51837	-0.00033	U						0.005		09/24/1999	1544
SB		990914S	0.22679			0.25		90.7	%	80-120		09/24/1999	1550
LCS		990648	0.64984			0.636000		102.2	%	81.9-118.1		09/24/1999	1556
SD	992522-1		0.06645				0.31061	-7.0	D	-10.-10.0		09/24/1999	1607
CCV		990924I	2.40747			2.5		96.3	%	90-110		09/24/1999	1643
CCB		990924B	-0.00004	U						0.005		09/24/1999	1649
MS	992466-37	990914S	0.47032			0.25	0.25246	87.1	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	0.51971		0.47032	0.25	0.25246	106.9	%	75-125		09/24/1999	1742
								10.0	R	20			
PDS	992466-37	990914S	0.47066			0.25	0.25246	87.3	%	75-125		09/24/1999	1748
CCV		990924I	2.41420			2.5		96.6	%	90-110		09/24/1999	1754
CCB		990924B	-0.00026	U						0.005		09/24/1999	1800
ISB		990806M	0.46305			0.5010		92.4	%	80-120		09/24/1999	1900
CCV		990924I	2.39529			2.5		95.8	%	90-110		09/24/1999	1905
CCB		990924B	-0.00022	U						0.005		09/24/1999	1911
ISB		990806M	0.46686			0.5010		93.2	%	80-120		09/24/1999	2228
CCV		990924I	2.39410			2.5		95.8	%	90-110		09/24/1999	2234
CCB		990924B	0.00011	U						0.005		09/24/1999	2240
MB		51836	-0.00020	U						0.005		09/24/1999	2246
SB		990914S	0.24116			0.25		96.5	%	80-120		09/24/1999	2251
SD	992545-1		0.00018	U			0.00087					09/24/1999	2303
CCV		990924I	2.41437			2.5		96.6	%	90-110		09/24/1999	2345
CCB		990924B	0.00011	U						0.005		09/24/1999	2351
CCV		990924I	2.40701			2.5		96.3	%	90-110		09/25/1999	0057
CCB		990924B	0.00031	U						0.005		09/25/1999	0103
ISB		990806M	0.46802			0.5010		93.4	%	80-120		09/25/1999	0144
CCV		990924I	2.40348			2.5		96.1	%	90-110		09/25/1999	0150
CCB		990924B	0.00030	U						0.005		09/25/1999	0156

Test Method.....: SW-846 6010B Batch.....: 51930 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: FE
Parameter.....: Iron (Fe)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990720W	-0.00380	U								09/27/1999	1056
LRA		990927Y	0.01339	B								09/27/1999	1058
LRA		990719Z	0.00372	U								09/27/1999	1100
LRA		990819X	49.44924			50.000						09/27/1999	1103
LRA		990910U	0.00952	U								09/27/1999	1107
LRA		990719V	0.02929	B								09/27/1999	1110
ICV		990923J	4.83340			5.0		96.7	%	90-110		09/27/1999	1113
ICB		990927B	0.00000	U						0.03		09/27/1999	1115
ISA		990913T	175.23287			200.0		87.6	%	80-120		09/27/1999	1117
ISB		990913U	173.41592			200		86.7	%	80-120		09/27/1999	1119
MB		51837	0.03123							0.03	B	09/27/1999	1123
SB		990914S	0.98668			1.00		98.7	%	80-120		09/27/1999	1125
LCS		990648	65.73617			86.100000		76.3	%	43.7-156.8		09/27/1999	1127
CCV		990923J	5.07206			5.0		101.4	%	90-110		09/27/1999	1155
CCB		990927B	0.00818	U						0.03		09/27/1999	1200
SD	992522-3		24.41292				110.99279	-10.0	D	-10.-10.0		09/27/1999	1210

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51930 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: FE
Parameter.....: Iron (Fe)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
MS	992466-37	990914S	83.33500			1.00	89.59603	-626.1	%	75-125		09/27/1999	1214
MSD	992466-37	990914S	99.89802		83.33500	1.00	89.59603	1030.2	%	75-125		09/27/1999	1216
								18.1	R	20			
MB		51885	0.01639	B						0.03		09/27/1999	1221
CCV		990923J	4.79456			5.0		95.9	%	90-110		09/27/1999	1228
CCB		990927B	-0.00222	U						0.03		09/27/1999	1230
CCV		990923J	5.06769			5.0		101.4	%	90-110		09/27/1999	1257
CCB		990927B	-0.00149	U						0.03		09/27/1999	1300
MS	992519-12	990927S	0.97914			1.00	0.01414	96.5	%	75-125		09/27/1999	1319
MSD	992519-12	990927S	0.99868		0.97914	1.00	0.01414	98.5	%	75-125		09/27/1999	1321
								2.0	R	20			
CCV		990923J	4.78065			5.0		95.6	%	90-110		09/27/1999	1325
CCB		990927B	-0.00149	U						0.03		09/27/1999	1327
CCV		990923J	4.79400			5.0		95.9	%	90-110		09/27/1999	1404
CCB		990927B	-0.00076	U						0.03		09/27/1999	1406
CCB		990927B	-0.00074	U						0.03		09/27/1999	1408
CCV		990923J	4.90184			5.0		98.0	%	90-110		09/27/1999	1428
CCB		990927B	0.00445	U						0.03		09/27/1999	1429
ISA		990913T	183.09591			200.0		91.5	%	80-120		09/27/1999	1510
ISB		990913U	182.69552			200		91.3	%	80-120		09/27/1999	1513
CCV		990923J	5.02452			5.0		100.5	%	90-110		09/27/1999	1515
CCB		990927B	0.00669	U						0.03		09/27/1999	1519

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	-0.00044	U								09/24/1999	1042
LRA		9909240	0.00087	U								09/24/1999	1046
LRA		990803K	1.01071			10.00						09/24/1999	1049
LRA		990719L	0.00184	B								09/24/1999	1053
LRA		990719M	0.00262	B								09/24/1999	1059
ICV		9909241	0.96715			1.0		96.7	%	90-110		09/24/1999	1104
ICB		9909248	0.00047	U						0.003		09/24/1999	1109
ISB		990806M	0.90117			0.9970		90.4	%	80-120		09/24/1999	1120
MB		51741	0.00091	U						0.003		09/24/1999	1128
SB		990914S	0.49267			0.50		98.5	%	80-120		09/24/1999	1131
MS	992475-5	990914S	0.49341			0.50	0.00080	98.5	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	0.47259		0.49341	0.50	0.00080	94.4	%	75-125		09/24/1999	1145
								4.3	R	20			
SD	992475-6		0.00151	U			0.00087					09/24/1999	1153
CCV		9909241	0.96660			1.0		96.7	%	90-110		09/24/1999	1157
CCB		9909248	0.00057	U						0.003		09/24/1999	1202
MS	992475-13	990914S	0.47767			0.50	0.00346	94.8	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	0.48330		0.47767	0.50	0.00346	96.0	%	75-125		09/24/1999	1240
								1.2	R	20			
CCV		9909241	0.97385			1.0		97.4	%	90-110		09/24/1999	1247
CCB		9909248	0.00013	U						0.003		09/24/1999	1253
MB		51835	0.00143	U						0.003		09/24/1999	1302
SB		990914S	0.48649			0.50		97.3	%	80-120		09/24/1999	1306

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* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: PB
Parameter.....: Lead (Pb)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
MS	992526-7	990914S	0.49582			0.50	0.00071	99.0	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	0.48108		0.49582	0.50	0.00071	96.1	%	75-125		09/24/1999	1325
								3.0	R	20			
SD	992548-3		0.01829				0.08689	-5.2	D	-10.-10.0		09/24/1999	1336
SD	992475-6		0.00068	U			0.00035					09/24/1999	1343
CCV		990924I	0.98143			1.0		98.1	%	90-110		09/24/1999	1347
CCB		990924B	0.00035	U						0.003		09/24/1999	1353
PDS	992475-5	990914S	0.48224			0.50	-0.00011	96.5	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	0.47787		0.48224	0.50	-0.00011	95.6	%	75-125		09/24/1999	1404
								0.9	R	20			
CCV		990924I	0.97185			1.0		97.2	%	90-110		09/24/1999	1439
CCB		990924B	0.00012	U						0.003		09/24/1999	1443
ISB		990806M	0.87779			0.9970		88.0	%	80-120		09/24/1999	1510
CCV		990924I	0.95875			1.0		95.9	%	90-110		09/24/1999	1529
CCB		990924B	0.00022	U						0.003		09/24/1999	1532
MB		51837	0.00120	U						0.003		09/24/1999	1544
SB		990914S	0.44935			0.50		89.9	%	80-120		09/24/1999	1550
LCS		990648	0.56585			0.566000		100.0	%	76.1-123.9		09/24/1999	1556
SD	992522-1		1.65964				7.43278	-11.6	D	-10.-10.0	E	09/24/1999	1607
CCV		990924I	0.95999			1.0		96.0	%	90-110		09/24/1999	1643
CCB		990924B	0.00047	U						0.003		09/24/1999	1649
MS	992466-37	990914S	1.69160			0.50	1.25977	86.4	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	1.61357		1.69160	0.50	1.25977	70.8	%	75-125	Y	09/24/1999	1742
								4.7	R	20			
PDS	992466-37	990914S	1.65504			0.50	1.25977	79.1	%	75-125		09/24/1999	1748
CCV		990924I	0.97112			1.0		97.1	%	90-110		09/24/1999	1754
CCB		990924B	0.00000	U						0.003		09/24/1999	1800
ISB		990806M	0.89078			0.9970		89.3	%	80-120		09/24/1999	1900
CCV		990924I	0.95968			1.0		96.0	%	90-110		09/24/1999	1905
CCB		990924B	-0.00005	U						0.003		09/24/1999	1911
ISB		990806M	0.90492			0.9970		90.8	%	80-120		09/24/1999	2228
CCV		990924I	0.95912			1.0		95.9	%	90-110		09/24/1999	2234
CCB		990924B	-0.00022	U						0.003		09/24/1999	2240
MB		51836	0.00040	U						0.003		09/24/1999	2246
SB		990914S	0.48986			0.50		98.0	%	80-120		09/24/1999	2251
SD	992545-1		0.00051	U			0.00076					09/24/1999	2303
CCV		990924I	0.97118			1.0		97.1	%	90-110		09/24/1999	2345
CCB		990924B	0.00037	U						0.003		09/24/1999	2351
CCV		990924I	0.96296			1.0		96.3	%	90-110		09/25/1999	0057
CCB		990924B	0.00053	U						0.003		09/25/1999	0103
ISB		990806M	0.91379			0.9970		91.7	%	80-120		09/25/1999	0144
CCV		990924I	0.95621			1.0		95.6	%	90-110		09/25/1999	0150
CCB		990924B	0.00012	U						0.003		09/25/1999	0156

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QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: MGH
Parameter.....: Magnesium (Mg)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	0.00564	B								09/24/1999	1042
LRA		9909240	0.00810	B								09/24/1999	1046
LRA		990803K	0.00392	B								09/24/1999	1049
LRA		990719L	0.00208	U								09/24/1999	1053
LRA		990719M	50.78279			50.000						09/24/1999	1059
ICV		9909241	10.87845			10.0		108.8	%	90-110		09/24/1999	1104
ICB		990924B	-0.00061	U						0.1		09/24/1999	1109
ISA		990806L	252.37994			250.0		101.0	%	80-120		09/24/1999	1113
ISB		990806M	249.98760			250.0		100.0	%	80-120		09/24/1999	1120
MB		51741	0.00540	B						0.1		09/24/1999	1128
SB		990914S	11.01956			10.000		110.2	%	80-120		09/24/1999	1131
SD	992475-6		3.39703				15.50910	-9.5	D	-10.-10.0		09/24/1999	1153
CCV		9909241	10.81029			10.0		108.1	%	90-110		09/24/1999	1157
CCB		990924B	0.00429	B						0.1		09/24/1999	1202
MS	992475-13	990914S	29.41014			10.000	19.27370	101.4	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	29.43237		29.41014	10.000	19.27370	101.6	%	75-125		09/24/1999	1240
								0.1	R	20			
CCV		9909241	10.90645			10.0		109.1	%	90-110		09/24/1999	1247
CCB		990924B	0.00147	U						0.1		09/24/1999	1253
MB		51835	0.00528	B						0.1		09/24/1999	1302
SB		990914S	10.78278			10.000		107.8	%	80-120		09/24/1999	1306
MS	992526-7	990914S	28.30719			10.000	17.34486	109.6	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	27.52858		28.30719	10.000	17.34486	101.8	%	75-125		09/24/1999	1325
								2.8	R	20			
SD	992548-3		3.86432				17.84248	-8.3	D	-10.-10.0		09/24/1999	1336
SD	992475-6		3.25383				15.87569	-2.5	D	-10.-10.0		09/24/1999	1343
CCV		9909241	10.95926			10.0		109.6	%	90-110		09/24/1999	1347
CCB		990924B	0.00012	U						0.1		09/24/1999	1353
PDS	992475-5	990914S	26.48261			10.000	16.01741	104.7	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	26.28993		26.48261	10.000	16.01741	102.7	%	75-125		09/24/1999	1404
								0.7	R	20			
CCV		9909241	10.81238			10.0		108.1	%	90-110		09/24/1999	1439
CCB		990924B	-0.00073	U						0.1		09/24/1999	1443
ISA		990806L	243.06497			250.0		97.2	%	80-120		09/24/1999	1455
ISA		990806L	242.29728			250.0		96.9	%	80-120		09/24/1999	1505
ISB		990806M	239.77944			250.0		95.9	%	80-120		09/24/1999	1510
CCV		9909241	10.64057			10.0		106.4	%	90-110		09/24/1999	1529
CCB		990924B	0.00196	U						0.1		09/24/1999	1532
MB		51837	0.00675	B						0.1		09/24/1999	1544
SB		990914S	9.82094			10.000		98.2	%	80-120		09/24/1999	1550
LCS		990648	13.86395			13.100000		105.8	%	77.1-122.9		09/24/1999	1556
SD	992522-1		6.54831				28.83834	-13.5	D	-10.-10.0	E	09/24/1999	1607
CCV		9909241	10.71597			10.0		107.2	%	90-110		09/24/1999	1643
CCB		990924B	0.00221	U						0.1		09/24/1999	1649
MS	992466-37	990914S	25.53981			10.000	14.79067	107.5	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	25.05888		25.53981	10.000	14.79067	102.7	%	75-125		09/24/1999	1742
								1.9	R	20			
PDS	992466-37	990914S	24.29366			10.000	14.79067	95.0	%	75-125		09/24/1999	1748
CCV		9909241	10.88214			10.0		108.8	%	90-110		09/24/1999	1754
CCB		990924B	0.00171	U						0.1		09/24/1999	1800
ISA		990806L	247.77395			250.0		99.1	%	80-120		09/24/1999	1854
ISB		990806M	245.65550			250.0		98.3	%	80-120		09/24/1999	1900
CCV		9909241	10.73624			10.0		107.4	%	90-110		09/24/1999	1905

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: MGH
Parameter.....: Magnesium (Mg)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
CCB		990924B	0.00417	B						0.1		09/24/1999	1911
ISA		990806L	252.91809			250.0		101.2	%	80-120		09/24/1999	2222
ISB		990806M	249.77209			250.0		99.9	%	80-120		09/24/1999	2228
CCV		990924I	10.71033			10.0		107.1	%	90-110		09/24/1999	2234
CCB		990924B	0.00564	B						0.1		09/24/1999	2240
MB		51836	0.00724	B						0.1		09/24/1999	2246
SB		990914S	10.81570			10.000		108.2	%	80-120		09/24/1999	2251
SD	992545-1		0.02701	B			0.12330					09/24/1999	2303
CCV		990924I	10.83756			10.0		108.4	%	90-110		09/24/1999	2345
CCB		990924B	0.00147	U						0.1		09/24/1999	2351
CCV		990924I	10.76252			10.0		107.6	%	90-110		09/25/1999	0057
CCB		990924B	0.00343	B						0.1		09/25/1999	0103
ISA		990806L	246.79272			250.0		98.7	%	80-120		09/25/1999	0138
ISB		990806M	251.83932			250.0		100.7	%	80-120		09/25/1999	0144
CCV		990924I	10.66980			10.0		106.7	%	90-110		09/25/1999	0150
CCB		990924B	0.00282	B						0.1		09/25/1999	0156

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: MN
Parameter.....: Manganese (Mn)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	0.00021	U								09/24/1999	1042
LRA		990924O	0.00171									09/24/1999	1046
LRA		990803K	0.00030	U								09/24/1999	1049
LRA		990719L	2.00833			10.00						09/24/1999	1053
LRA		990719N	0.00184									09/24/1999	1059
ICV		990924I	4.99681			5.0		99.9	%	90-110		09/24/1999	1104
ICB		990924B	0.00009	U						0.001		09/24/1999	1109
ISB		990806M	0.46606			0.5002		93.2	%	80-120		09/24/1999	1120
MB		51741	0.00009	U						0.001		09/24/1999	1128
SB		990914S	0.50175			0.50		100.3	%	80-120		09/24/1999	1131
MS	992475-5	990914S	0.54660			0.50	0.03720	101.9	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	0.52470		0.54660	0.50	0.03720	97.5	%	75-125		09/24/1999	1145
								4.1	R	20			
SD	992475-6		0.00960				0.04365	-10.0	D	-10.-10.0		09/24/1999	1153
CCV		990924I	5.00539			5.0		100.1	%	90-110		09/24/1999	1157
CCB		990924B	0.00012	U						0.001		09/24/1999	1202
MS	992475-13	990914S	0.58795			0.50	0.10353	96.9	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	0.59300		0.58795	0.50	0.10353	97.9	%	75-125		09/24/1999	1240
								0.9	R	20			
CCV		990924I	5.03518			5.0		100.7	%	90-110		09/24/1999	1247
CCB		990924B	0.00004	U						0.001		09/24/1999	1253
MB		51835	0.00014	U						0.001		09/24/1999	1302
SB		990914S	0.49384			0.50		98.8	%	80-120		09/24/1999	1306
MS	992526-7	990914S	0.72167			0.50	0.21333	101.7	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	0.70227		0.72167	0.50	0.21333	97.8	%	75-125		09/24/1999	1325
								2.7	R	20			
SD	992548-3		0.20730				0.97150	-6.7	D	-10.-10.0		09/24/1999	1336
SD	992475-6		0.00675				0.03334					09/24/1999	1343
CCV		990924I	5.03216			5.0		100.6	%	90-110		09/24/1999	1347

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: MN
Parameter.....: Manganese (Mn)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
CCB		990924B	0.00010	U						0.001		09/24/1999	1353
PDS	992475-5	990914S	0.52341			0.50	0.03144	98.4	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	0.52002		0.52341	0.50	0.03144	97.7	%	75-125		09/24/1999	1404
								0.6	R	20			
CCV		990924I	4.88679			5.0		97.7	%	90-110		09/24/1999	1439
CCB		990924B	0.00017	U						0.001		09/24/1999	1443
ISB		990806M	0.43966			0.5002		87.9	%	80-120		09/24/1999	1510
CCV		990924I	4.95504			5.0		99.1	%	90-110		09/24/1999	1529
CCB		990924B	0.00030	U						0.001		09/24/1999	1532
MB		51837	0.00038	U						0.001		09/24/1999	1544
SB		990914S	0.46281			0.50		92.6	%	80-120		09/24/1999	1550
LCS		990648	2.99582			2.950000		101.6	%	80.7-119.3		09/24/1999	1556
SD	992522-1		0.74520				3.36452	-10.7	D	-10.-10.0	E	09/24/1999	1607
CCV		990924I	5.02043			5.0		100.4	%	90-110		09/24/1999	1643
CCB		990924B	0.00021	U						0.001		09/24/1999	1649
MS	992466-37	990914S	2.65604			0.50	2.46096	39.0	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	2.68982		2.65604	0.50	2.46096	45.8	%	75-125		09/24/1999	1742
								1.3	R	20			
PDS	992466-37	990914S	2.83964			0.50	2.46096	75.7	%	75-125		09/24/1999	1748
CCV		990924I	5.07463			5.0		101.5	%	90-110		09/24/1999	1754
CCB		990924B	0.00017	U						0.001		09/24/1999	1800
ISB		990806M	0.46571			0.5002		93.1	%	80-120		09/24/1999	1900
CCV		990924I	5.02303			5.0		100.5	%	90-110		09/24/1999	1905
CCB		990924B	0.00018	U						0.001		09/24/1999	1911
ISB		990806M	0.47238			0.5002		94.4	%	80-120		09/24/1999	2228
CCV		990924I	5.02480			5.0		100.5	%	90-110		09/24/1999	2234
CCB		990924B	0.00013	U						0.001		09/24/1999	2240
MB		51836	0.00011	U						0.001		09/24/1999	2246
SB		990914S	0.50382			0.50		100.8	%	80-120		09/24/1999	2251
SD	992545-1		0.00049	U			0.00167					09/24/1999	2303
CCV		990924I	5.06228			5.0		101.2	%	90-110		09/24/1999	2345
CCB		990924B	0.00019	U						0.001		09/24/1999	2351
CCV		990924I	5.02851			5.0		100.6	%	90-110		09/25/1999	0057
CCB		990924B	0.00013	U						0.001		09/25/1999	0103
ISB		990806M	0.47238			0.5002		94.4	%	80-120		09/25/1999	0144
CCV		990924I	5.00212			5.0		100.0	%	90-110		09/25/1999	0150
CCB		990924B	0.00013	U						0.001		09/25/1999	0156

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: NI
Parameter.....: Nickel (Ni)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	1.00202			10.00						09/24/1999	1042
LRA		990924O	0.00358	B								09/24/1999	1046
LRA		990803K	0.00116	B								09/24/1999	1049
LRA		990719L	0.00227	B								09/24/1999	1053
LRA		990719M	0.00146	B								09/24/1999	1059
ICV		990924I	2.44884			2.5		98.0	%	90-110		09/24/1999	1104
ICB		990924B	0.00066	B						0.005		09/24/1999	1109
ISB		990806M	0.88042			0.9969		88.3	%	80-120		09/24/1999	1120

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: NI
Parameter.....: Nickel (Ni)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
MB		51741	-0.00082	U						0.005		09/24/1999	1128
SB		990914S	0.48367			0.50		96.7	%	80-120		09/24/1999	1131
MS	992475-5	990914S	0.48680			0.50	0.00038	97.3	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	0.46665		0.48680	0.50	0.00038	93.3	%	75-125		09/24/1999	1145
								4.2	R	20			
SD	992475-6		0.00096	B			0.00110					09/24/1999	1153
CCV		990924I	2.46268			2.5		98.5	%	90-110		09/24/1999	1157
CCB		990924B	0.00031	U						0.005		09/24/1999	1202
MS	992475-13	990914S	0.46766			0.50	0.00303	92.9	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	0.47373		0.46766	0.50	0.00303	94.1	%	75-125		09/24/1999	1240
								1.3	R	20			
CCV		990924I	2.47441			2.5		99.0	%	90-110		09/24/1999	1247
CCB		990924B	0.00000	U						0.005		09/24/1999	1253
MB		51835	0.00002	U						0.005		09/24/1999	1302
SB		990914S	0.47645			0.50		95.3	%	80-120		09/24/1999	1306
MS	992526-7	990914S	0.48777			0.50	0.00031	97.5	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	0.47444		0.48777	0.50	0.00031	94.8	%	75-125		09/24/1999	1325
								2.8	R	20			
SD	992548-3		0.00167	B			0.00295					09/24/1999	1336
SD	992475-6		0.00057	U			0.00205					09/24/1999	1343
CCV		990924I	2.48544			2.5		99.4	%	90-110		09/24/1999	1347
CCB		990924B	0.00059	U						0.005		09/24/1999	1353
PDS	992475-5	990914S	0.47508			0.50	0.00193	94.6	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	0.47267		0.47508	0.50	0.00193	94.1	%	75-125		09/24/1999	1404
								0.5	R	20			
CCV		990924I	2.43165			2.5		97.3	%	90-110		09/24/1999	1439
CCB		990924B	0.00027	U						0.005		09/24/1999	1443
ISB		990806M	0.84339			0.9969		84.6	%	80-120		09/24/1999	1510
CCV		990924I	2.46577			2.5		98.6	%	90-110		09/24/1999	1529
CCB		990924B	0.00060	U						0.005		09/24/1999	1532
MB		51837	-0.00040	U						0.005		09/24/1999	1544
SB		990914S	0.44259			0.50		88.5	%	80-120		09/24/1999	1550
LCS		990648	0.76121			0.754000		101.0	%	78.2-121.6		09/24/1999	1556
SD	992522-1		0.02167				0.09716	-11.5	D	-10.-10.0	E	09/24/1999	1607
CCV		990924I	2.46676			2.5		98.7	%	90-110		09/24/1999	1643
CCB		990924B	0.00056	U						0.005		09/24/1999	1649
MS	992466-37	990914S	0.53786			0.50	0.06198	95.2	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	0.53777		0.53786	0.50	0.06198	95.2	%	75-125		09/24/1999	1742
								0.0	R	20			
PDS	992466-37	990914S	0.50507			0.50	0.06198	88.6	%	75-125		09/24/1999	1748
CCV		990924I	2.49096			2.5		99.6	%	90-110		09/24/1999	1754
CCB		990924B	0.00094	B						0.005		09/24/1999	1800
ISB		990806M	0.87604			0.9969		87.9	%	80-120		09/24/1999	1900
CCV		990924I	2.46435			2.5		98.6	%	90-110		09/24/1999	1905
CCB		990924B	0.00037	U						0.005		09/24/1999	1911
ISB		990806M	0.89152			0.9969		89.4	%	80-120		09/24/1999	2228
CCV		990924I	2.46390			2.5		98.6	%	90-110		09/24/1999	2234
CCB		990924B	-0.00008	U						0.005		09/24/1999	2240
MB		51836	-0.00001	U						0.005		09/24/1999	2246
SB		990914S	0.48323			0.50		96.6	%	80-120		09/24/1999	2251
SD	992545-1		0.00038	U			0.00096					09/24/1999	2303
CCV		990924I	2.48323			2.5		99.3	%	90-110		09/24/1999	2345
CCB		990924B	0.00034	U						0.005		09/24/1999	2351

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: NI
Parameter.....: Nickel (Ni)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
CCV		990924I	2.46329			2.5		98.5	%	90-110		09/25/1999	0057
CCB		990924B	0.00031	U						0.005		09/25/1999	0103
ISB		990806M	0.89533			0.9969		89.8	%	80-120		09/25/1999	0144
CCV		990924I	2.45758			2.5		98.3	%	90-110		09/25/1999	0150
CCB		990924B	-0.00003	U						0.005		09/25/1999	0156

Test Method.....: SW-846 6010B Batch.....: 51930 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: K
Parameter.....: Potassium (K)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990720W	-0.57039	U								09/27/1999	1056
LRA		990927Y	0.21014	U								09/27/1999	1058
LRA		990719Z	98.51396			100.00						09/27/1999	1100
LRA		990819X	-1.20084	U								09/27/1999	1103
LRA		990910U	-0.49534	U								09/27/1999	1107
LRA		990719V	-0.55538	U								09/27/1999	1110
ICV		990923J	24.49714			25.000		98.0	%	90-110		09/27/1999	1113
ICB		990927B	-0.16511	U						5		09/27/1999	1115
ISB		990913U	49.30951			50.000		98.6	%	80-120		09/27/1999	1119
MB		51837	-0.22515	U						5		09/27/1999	1123
SB		990914S	8.00059			10.000		80.0	%	80-120		09/27/1999	1125
LCS		990648	14.96547			15.200000		98.5	%	64.5-135.5		09/27/1999	1127
CCV		990923J	25.09756			25.000		100.4	%	90-110		09/27/1999	1155
CCB		990927B	-1.03572	U						5		09/27/1999	1200
SD	992522-3		4.05283	B			21.25487					09/27/1999	1210
MS	992466-37	990914S	27.45421			10.000	17.98258	94.7	%	75-125		09/27/1999	1214
MSD	992466-37	990914S	27.69438		27.45421	10.000	17.98258	97.1	%	75-125		09/27/1999	1216
								0.9	R	20			
MB		51837	-0.06004	U						5		09/27/1999	1218
MB		51885	-0.57039	U						5		09/27/1999	1221
SB		990927S	4.02281	B		5.000000		80.5	%	80-120		09/27/1999	1227
CCV		990923J	24.57220			25.000		98.3	%	90-110		09/27/1999	1228
CCB		990927B	-0.31522	U						5		09/27/1999	1230
PDS	992577-2	990927S	121.01470			10.000	114.69528	63.2	%	75-125		09/27/1999	1237
PSD	992577-2	990927S	122.60581		121.01470	10.000	114.69528	79.1	%	75-125		09/27/1999	1238
								1.3	R	20			
CCV		990923J	24.46712			25.000		97.9	%	90-110		09/27/1999	1257
CCB		990927B	-1.26088	U						5		09/27/1999	1300
MS	992519-12	990927S	9.06634			10.000	1.06574	80.0	%	75-125		09/27/1999	1319
MSD	992519-12	990927S	9.35154		9.06634	10.000	1.06574	82.9	%	75-125		09/27/1999	1321
								3.1	R	20			
CCV		990923J	25.30771			25.000		101.2	%	90-110		09/27/1999	1325
CCB		990927B	-0.79555	U						5		09/27/1999	1327
CCV		990923J	25.42779			25.000		101.7	%	90-110		09/27/1999	1404
CCB		990927B	-1.03572	U						5		09/27/1999	1406
CCB		990927B	-0.31522	U						5		09/27/1999	1408
CCV		990923J	25.83308			25.000		103.3	%	90-110		09/27/1999	1428
CCB		990927B	-1.12578	U						5		09/27/1999	1429
ISB		990913U	50.10507			50.000		100.2	%	80-120		09/27/1999	1513
CCV		990923J	24.90243			25.000		99.6	%	90-110		09/27/1999	1515

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51930 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: K
Parameter.....: Potassium (K)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
CCB		990927B	-1.15580	U						5		09/27/1999	1519

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	0.00002	U								09/24/1999	1042
LRA		9909240	-0.00016	U								09/24/1999	1046
LRA		990803K	1.00405			10.00						09/24/1999	1049
LRA		990719L	-0.00075	U								09/24/1999	1053
LRA		990719M	-0.00110	U								09/24/1999	1059
ICV		9909241	2.61955			2.5		104.8	%	90-110		09/24/1999	1104
ICB		9909248	-0.00013	U						0.01		09/24/1999	1109
ISB		990806M	1.01521			0.9998		101.5	%	80-120		09/24/1999	1120
MB		51741	0.00077	U						0.01		09/24/1999	1128
SB		990914S	2.03020			2.00		101.5	%	80-120		09/24/1999	1131
MS	992475-5	990914S	2.09345			2.00	0.00069	104.6	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	2.00044		2.09345	2.00	0.00069	100.0	%	75-125		09/24/1999	1145
								4.5	R	20			
SD	992475-6		0.00012	U			0.00250					09/24/1999	1153
CCV		9909241	2.61507			2.5		104.6	%	90-110		09/24/1999	1157
CCB		9909248	0.00097	U						0.01		09/24/1999	1202
MS	992475-13	990914S	2.01328			2.00	0.00395	100.5	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	2.04094		2.01328	2.00	0.00395	101.8	%	75-125		09/24/1999	1240
								1.4	R	20			
CCV		9909241	2.64110			2.5		105.6	%	90-110		09/24/1999	1247
CCB		9909248	-0.00121	U						0.01		09/24/1999	1253
MB		51835	-0.00097	U						0.01		09/24/1999	1302
SB		990914S	2.00012			2.00		100.0	%	80-120		09/24/1999	1306
MS	992526-7	990914S	2.09106			2.00	-0.00195	104.7	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	2.02940		2.09106	2.00	-0.00195	101.6	%	75-125		09/24/1999	1325
								3.0	R	20			
SD	992548-3		-0.00074	U			0.00403					09/24/1999	1336
SD	992475-6		0.00113	U			0.00719					09/24/1999	1343
CCV		9909241	2.65287			2.5		106.1	%	90-110		09/24/1999	1347
CCB		9909248	-0.00304	U						0.01		09/24/1999	1353
PDS	992475-5	990914S	2.29311			2.00	0.00462	114.4	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	2.27211		2.29311	2.00	0.00462	113.4	%	75-125		09/24/1999	1404
								0.9	R	20			
CCV		9909241	2.61771			2.5		104.7	%	90-110		09/24/1999	1439
CCB		9909248	-0.00189	U						0.01		09/24/1999	1443
ISB		990806M	0.97347			0.9998		97.4	%	80-120		09/24/1999	1510
CCV		9909241	2.59487			2.5		103.8	%	90-110		09/24/1999	1529
CCB		9909248	0.00241	U						0.01		09/24/1999	1532
MB		51837	0.00173	U						0.01		09/24/1999	1544
SB		990914S	1.78433			2.00		89.2	%	80-120		09/24/1999	1550
LCS		990648	0.62855			0.614000		102.4	%	74.1-125.7		09/24/1999	1556
SD	992522-1		0.00189	U			0.01444					09/24/1999	1607
CCV		9909241	2.61027			2.5		104.4	%	90-110		09/24/1999	1643
CCB		9909248	-0.00079	U						0.01		09/24/1999	1649

* %=% REC, R=RPD, A=ABS Diff., D=% Diff. 000030

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: SE
Parameter.....: Selenium (Se)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
MS	992466-37	990914S	1.90243			2.00	0.00518	94.9	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	1.87623		1.90243	2.00	0.00518	93.6	%	75-125		09/24/1999	1742
								1.4	R	20			
PDS	992466-37	990914S	1.78369			2.00	0.00518	88.9	%	75-125		09/24/1999	1748
CCV		990924I	2.63191			2.5		105.3	%	90-110		09/24/1999	1754
CCB		990924B	0.00037	U						0.01		09/24/1999	1800
ISB		990806M	1.00532			0.9998		100.6	%	80-120		09/24/1999	1900
CCV		990924I	2.60312			2.5		104.1	%	90-110		09/24/1999	1905
CCB		990924B	0.00116	U						0.01		09/24/1999	1911
ISB		990806M	1.01857			0.9998		101.9	%	80-120		09/24/1999	2228
CCV		990924I	2.60037			2.5		104.0	%	90-110		09/24/1999	2234
CCB		990924B	0.00151	U						0.01		09/24/1999	2240
MB		51836	-0.00077	U						0.01		09/24/1999	2246
SB		990914S	2.01698			2.00		100.8	%	80-120		09/24/1999	2251
SD	992545-1		0.00097	U			0.00050					09/24/1999	2303
CCV		990924I	2.63434			2.5		105.4	%	90-110		09/24/1999	2345
CCB		990924B	-0.00072	U						0.01		09/24/1999	2351
CCV		990924I	2.61261			2.5		104.5	%	90-110		09/25/1999	0057
CCB		990924B	0.00128	U						0.01		09/25/1999	0103
ISB		990806M	1.03156			0.9998		103.2	%	80-120		09/25/1999	0144
CCV		990924I	2.60206			2.5		104.1	%	90-110		09/25/1999	0150
CCB		990924B	0.00003	U						0.01		09/25/1999	0156

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	0.00129	B								09/24/1999	1042
LRA		990924O	0.99786									09/24/1999	1046
LRA		990803K	-0.00049	U								09/24/1999	1049
LRA		990719L	0.00087	B								09/24/1999	1053
LRA		990719M	-0.00014	U								09/24/1999	1059
ICV		990924I	0.48106			0.5		96.2	%	90-110		09/24/1999	1104
ICB		990924B	0.00019	U						0.005		09/24/1999	1109
ISB		990806M	0.97561			1.0002		97.5	%	80-120		09/24/1999	1120
MB		51741	0.00029	U						0.005		09/24/1999	1128
SB		990914S	0.04916			0.05		98.3	%	80-120		09/24/1999	1131
MS	992475-5	990914S	0.04914			0.05	-0.00017	98.6	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	0.04675		0.04914	0.05	-0.00017	93.8	%	75-125		09/24/1999	1145
								5.0	R	20			
SD	992475-6		0.00030	U			-0.00009					09/24/1999	1153
CCV		990924I	0.48240			0.5		96.5	%	90-110		09/24/1999	1157
CCB		990924B	0.00021	U						0.005		09/24/1999	1202
MS	992475-13	990914S	0.04729			0.05	0.00053	93.5	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	0.04750		0.04729	0.05	0.00053	93.9	%	75-125		09/24/1999	1240
								0.4	R	20			
CCV		990924I	0.48581			0.5		97.2	%	90-110		09/24/1999	1247
CCB		990924B	0.00015	U						0.005		09/24/1999	1253
MB		51835	-0.00018	U						0.005		09/24/1999	1302
SB		990914S	0.04809			0.05		96.2	%	80-120		09/24/1999	1306

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: AG
Parameter.....: Silver (Ag)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
MS	992526-7	990914S	0.04889			0.05	0.00036	97.1	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	0.04759		0.04889	0.05	0.00036	94.5	%	75-125		09/24/1999	1325
								2.7	R	20			
SD	992548-3		0.00003	U			-0.00023					09/24/1999	1336
SD	992475-6		-0.00026	U			0.00060					09/24/1999	1343
CCV		990924I	0.48367			0.5		96.7	%	90-110		09/24/1999	1347
CCB		990924B	-0.00087	U						0.005		09/24/1999	1353
PDS	992475-5	990914S	0.04562			0.05	-0.00001	91.3	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	0.04492		0.04562	0.05	-0.00001	89.9	%	75-125		09/24/1999	1404
								1.5	R	20			
CCV		990924I	0.46857			0.5		93.7	%	90-110		09/24/1999	1439
CCB		990924B	0.00053	B						0.005		09/24/1999	1443
ISB		990806M	0.91701			1.0002		91.7	%	80-120		09/24/1999	1510
CCV		990924I	0.47786			0.5		95.6	%	90-110		09/24/1999	1529
CCB		990924B	0.00019	U						0.005		09/24/1999	1532
MB		51837	-0.00002	U						0.005		09/24/1999	1544
SB		990914S	0.04469			0.05		89.4	%	80-120		09/24/1999	1550
LCS		990648	1.62909			1.490000		109.3	%	73.8-126.2		09/24/1999	1556
SD	992522-1		0.00254	B			0.00905					09/24/1999	1607
CCV		990924I	0.48309			0.5		96.6	%	90-110		09/24/1999	1643
CCB		990924B	0.00030	U						0.005		09/24/1999	1649
MS	992466-37	990914S	0.04798			0.05	-0.00011	96.2	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	0.04733		0.04798	0.05	-0.00011	94.9	%	75-125		09/24/1999	1742
								1.4	R	20			
PDS	992466-37	990914S	0.04330			0.05	-0.00011	86.8	%	75-125		09/24/1999	1748
CCV		990924I	0.48629			0.5		97.3	%	90-110		09/24/1999	1754
CCB		990924B	0.00013	U						0.005		09/24/1999	1800
ISB		990806M	0.97523			1.0002		97.5	%	80-120		09/24/1999	1900
CCV		990924I	0.48194			0.5		96.4	%	90-110		09/24/1999	1905
CCB		990924B	0.00048	B						0.005		09/24/1999	1911
ISB		990806M	0.98440			1.0002		98.4	%	80-120		09/24/1999	2228
CCV		990924I	0.48116			0.5		96.2	%	90-110		09/24/1999	2234
CCB		990924B	0.00018	U						0.005		09/24/1999	2240
MB		51836	-0.00014	U						0.005		09/24/1999	2246
SB		990914S	0.04844			0.05		96.9	%	80-120		09/24/1999	2251
SD	992545-1		0.00042	B			-0.00008					09/24/1999	2303
CCV		990924I	0.48456			0.5		96.9	%	90-110		09/24/1999	2345
CCB		990924B	0.00047	B						0.005		09/24/1999	2351
CCV		990924I	0.48247			0.5		96.5	%	90-110		09/25/1999	0057
CCB		990924B	0.00009	U						0.005		09/25/1999	0103
ISB		990806M	0.98809			1.0002		98.8	%	80-120		09/25/1999	0144
CCV		990924I	0.48152			0.5		96.3	%	90-110		09/25/1999	0150
CCB		990924B	0.00060	B						0.005		09/25/1999	0156

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* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51930 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: NA
Parameter.....: Sodium (Na)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990720W	0.07594	U								09/27/1999	1056
LRA		990927Y	0.10935	B								09/27/1999	1058
LRA		9907192	96.66554			100.00						09/27/1999	1100
LRA		990819X	0.00790	U								09/27/1999	1103
LRA		990910U	9.74726			10.000						09/27/1999	1107
LRA		990719V	16.13838			16.371						09/27/1999	1110
ICV		990923J	29.70065			30.000		99.0	%	90-110		09/27/1999	1113
ICB		990927B	-0.03274	U						1		09/27/1999	1115
ISB		990913U	49.52761			50.000		99.1	%	80-120		09/27/1999	1119
MB		51837	0.06087	U						1		09/27/1999	1123
SB		990914S	10.11143			10.000		101.1	%	80-120		09/27/1999	1125
LCS		990648	2.05543			2.430000		84.6	%	6.2-194.2		09/27/1999	1127
CCV		990923J	30.79597			30.000		102.7	%	90-110		09/27/1999	1155
CCB		990927B	-0.02256	U						1		09/27/1999	1200
SD	992522-3		0.40990	B			1.80604					09/27/1999	1210
MS	992466-37	990914S	11.36620			10.000	1.18579	101.8	%	75-125		09/27/1999	1214
MSD	992466-37	990914S	11.47757		11.36620	10.000	1.18579	102.9	%	75-125		09/27/1999	1216
								1.0	R	20			
MB		51837	0.03013	U						1		09/27/1999	1218
MB		51885	0.06274	U						1		09/27/1999	1221
CCV		990923J	31.04610			30.000		103.5	%	90-110		09/27/1999	1228
CCB		990927B	0.03026	U						1		09/27/1999	1230
CCV		990923J	30.45993			30.000		101.5	%	90-110		09/27/1999	1257
CCB		990927B	-0.02283	U						1		09/27/1999	1300
MS	992519-12	990927S	12.46949			10.000	2.22486	102.4	%	75-125		09/27/1999	1319
MSD	992519-12	990927S	12.94717		12.46949	10.000	2.22486	107.2	%	75-125		09/27/1999	1321
								3.8	R	20			
CCV		990923J	29.18091			30.000		97.3	%	90-110		09/27/1999	1325
CCB		990927B	0.03663	U						1		09/27/1999	1327
CCV		990923J	30.26271			30.000		100.9	%	90-110		09/27/1999	1404
CCB		990927B	0.11377	B						1		09/27/1999	1406
CCB		990927B	0.09321	U						1		09/27/1999	1408
CCV		990923J	30.10419			30.000		100.3	%	90-110		09/27/1999	1428
CCB		990927B	0.09964	B						1		09/27/1999	1429
ISB		990913U	50.95161			50.000		101.9	%	80-120		09/27/1999	1513
CCV		990923J	30.93687			30.000		103.1	%	90-110		09/27/1999	1515
CCB		990927B	0.04105	U						1		09/27/1999	1519

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: TL
Parameter.....: Thallium (Tl)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	0.00384	B								09/24/1999	1042
LRA		990924D	0.00063	U								09/24/1999	1046
LRA		990803K	1.00504			10.00						09/24/1999	1049
LRA		990719L	-0.01850	U								09/24/1999	1053
LRA		990719M	-0.00025	U								09/24/1999	1059
ICV		9909241	2.36281			2.5		94.5	%	90-110		09/24/1999	1104
ICB		990924B	0.00427	B						0.01		09/24/1999	1109
ISB		990806M	0.88708			1.0055		88.2	%	80-120		09/24/1999	1120

* %=% REC, R=RPD, A=ABS Diff., D=% Diff

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: TL
Parameter.....: Thallium (TL)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
MB		51741	-0.00025	U						0.01		09/24/1999	1128
SB		990914S	1.94087			2.00		97.0	%	80-120		09/24/1999	1131
MS	992475-5	990914S	1.92738			2.00	-0.00049	96.4	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	1.86153		1.92738	2.00	-0.00049	93.1	%	75-125		09/24/1999	1145
								3.5	R	20			
SD	992475-6		0.00191	U			0.00275					09/24/1999	1153
CCV		990924I	2.36310			2.5		94.5	%	90-110		09/24/1999	1157
CCB		990924B	0.00144	U						0.01		09/24/1999	1202
MS	992475-13	990914S	1.84647			2.00	0.00126	92.3	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	1.87095		1.84647	2.00	0.00126	93.5	%	75-125		09/24/1999	1240
								1.3	R	20			
CCV		990924I	2.38850			2.5		95.5	%	90-110		09/24/1999	1247
CCB		990924B	0.00107	U						0.01		09/24/1999	1253
MB		51835	0.00069	U						0.01		09/24/1999	1302
SB		990914S	1.91679			2.00		95.8	%	80-120		09/24/1999	1306
MS	992526-7	990914S	1.93234			2.00	-0.00155	96.7	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	1.88454		1.93234	2.00	-0.00155	94.3	%	75-125		09/24/1999	1325
								2.5	R	20			
SD	992548-3		0.00172	U			-0.00822					09/24/1999	1336
SD	992475-6		0.00013	U			0.00621					09/24/1999	1343
CCV		990924I	2.38995			2.5		95.6	%	90-110		09/24/1999	1347
CCB		990924B	0.00060	U						0.01		09/24/1999	1353
PDS	992475-5	990914S	1.90131			2.00	0.00341	94.9	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	1.88670		1.90131	2.00	0.00341	94.2	%	75-125		09/24/1999	1404
								0.8	R	20			
CCV		990924I	2.35874			2.5		94.3	%	90-110		09/24/1999	1439
CCB		990924B	0.00067	U						0.01		09/24/1999	1443
ISB		990806M	0.86036			1.0055		85.6	%	80-120		09/24/1999	1510
CCV		990924I	2.33259			2.5		93.3	%	90-110		09/24/1999	1529
CCB		990924B	0.00244	U						0.01		09/24/1999	1532
MB		51837	-0.00062	U						0.01		09/24/1999	1544
SB		990914S	1.75813			2.00		87.9	%	80-120		09/24/1999	1550
LCS		990648	1.10650			1.140000		97.1	%	53.2-146.5		09/24/1999	1556
SD	992522-1		-0.00626	U			-0.03037					09/24/1999	1607
CCV		990924I	2.34255			2.5		93.7	%	90-110		09/24/1999	1643
CCB		990924B	0.00305	U						0.01		09/24/1999	1649
MS	992466-37	990914S	1.79105			2.00	-0.02226	90.7	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	1.77352		1.79105	2.00	-0.02226	89.8	%	75-125		09/24/1999	1742
								1.0	R	20			
PDS	992466-37	990914S	1.66939			2.00	-0.02226	84.6	%	75-125		09/24/1999	1748
CCV		990924I	2.37038			2.5		94.8	%	90-110		09/24/1999	1754
CCB		990924B	0.00337	U						0.01		09/24/1999	1800
ISB		990806M	0.87314			1.0055		86.8	%	80-120		09/24/1999	1900
CCV		990924I	2.33795			2.5		93.5	%	90-110		09/24/1999	1905
CCB		990924B	0.00169	U						0.01		09/24/1999	1911
ISB		990806M	0.88311			1.0055		87.8	%	80-120		09/24/1999	2228
CCV		990924I	2.32964			2.5		93.2	%	90-110		09/24/1999	2234
CCB		990924B	0.00097	U						0.01		09/24/1999	2240
MB		51836	0.00229	U						0.01		09/24/1999	2246
SB		990914S	1.91374			2.00		95.7	%	80-120		09/24/1999	2251
SD	992545-1		0.00233	U			0.00234					09/24/1999	2303
CCV		990924I	2.35561			2.5		94.2	%	90-110		09/24/1999	2345
CCB		990924B	0.00335	U						0.01		09/24/1999	2351

* %=% REC, R=RPD, A=ABS Diff., D=% Diff.

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QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: TL
Parameter.....: Thallium (Tl)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
CCV		990924I	2.34124			2.5		93.6	%	90-110		09/25/1999	0057
CCB		990924B	0.00155	U						0.01		09/25/1999	0103
ISB		990806M	0.89147			1.0055		88.7	%	80-120		09/25/1999	0144
CCV		990924I	2.32856			2.5		93.1	%	90-110		09/25/1999	0150
CCB		990924B	0.00185	U						0.01		09/25/1999	0156

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: V
Parameter.....: Vanadium (V)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	2.00292			20.00						09/24/1999	1042
LRA		9909240	0.00063	B								09/24/1999	1046
LRA		990803K	0.00052	B								09/24/1999	1049
LRA		990719L	0.00017	U								09/24/1999	1053
LRA		990719M	0.00039	U								09/24/1999	1059
ICV		990924I	2.47843			2.5		99.1	%	90-110		09/24/1999	1104
ICB		990924B	0.00048	B						0.005		09/24/1999	1109
ISB		990806M	0.47495			0.4998		95.0	%	80-120		09/24/1999	1120
MB		51741	0.00028	U						0.005		09/24/1999	1128
SB		990914S	0.51023			0.50		102.0	%	80-120		09/24/1999	1131
MS	992475-5	990914S	0.53004			0.50	0.00170	105.7	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	0.50850		0.53004	0.50	0.00170	101.4	%	75-125		09/24/1999	1145
								4.1	R	20			
SD	992475-6		0.00055	B			0.00223					09/24/1999	1153
CCV		990924I	2.48567			2.5		99.4	%	90-110		09/24/1999	1157
CCB		990924B	0.00065	B						0.005		09/24/1999	1202
MS	992475-13	990914S	0.51441			0.50	0.00829	101.2	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	0.52151		0.51441	0.50	0.00829	102.6	%	75-125		09/24/1999	1240
								1.4	R	20			
CCV		990924I	2.50363			2.5		100.1	%	90-110		09/24/1999	1247
CCB		990924B	-0.00021	U						0.005		09/24/1999	1253
MB		51835	-0.00006	U						0.005		09/24/1999	1302
SB		990914S	0.50279			0.50		100.6	%	80-120		09/24/1999	1306
MS	992526-7	990914S	0.53031			0.50	0.00087	105.9	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	0.51578		0.53031	0.50	0.00087	103.0	%	75-125		09/24/1999	1325
								2.8	R	20			
SD	992548-3		0.00386	B			0.01400					09/24/1999	1336
SD	992475-6		0.00017	U			0.00261					09/24/1999	1343
CCV		990924I	2.49745			2.5		99.9	%	90-110		09/24/1999	1347
CCB		990924B	-0.00023	U						0.005		09/24/1999	1353
PDS	992475-5	990914S	0.51509			0.50	0.00193	102.6	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	0.51029		0.51509	0.50	0.00193	101.7	%	75-125		09/24/1999	1404
								0.9	R	20			
CCV		990924I	2.42577			2.5		97.0	%	90-110		09/24/1999	1439
CCB		990924B	0.00059	B						0.005		09/24/1999	1443
ISB		990806M	0.44857			0.4998		89.7	%	80-120		09/24/1999	1510
CCV		990924I	2.46311			2.5		98.5	%	90-110		09/24/1999	1529
CCB		990924B	0.00011	U						0.005		09/24/1999	1532
MB		51837	0.00078	B						0.005		09/24/1999	1544
SB		990914S	0.47468			0.50		94.9	%	80-120		09/24/1999	1550

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: V
Parameter.....: Vanadium (V)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LCS		990648	1.01490			1.010000		100.5	%	68.3-131.7		09/24/1999	1556
SD	992522-1		0.05134				0.24055	-6.7	D	-10.-10.0		09/24/1999	1607
CCV		990924I	2.48594			2.5		99.4	%	90-110		09/24/1999	1643
CCB		990924B	0.00015	U						0.005		09/24/1999	1649
MS	992466-37	990914S	0.63813			0.50	0.14622	98.4	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	0.63639		0.63813	0.50	0.14622	98.0	%	75-125		09/24/1999	1742
								0.3	R	20			
PDS	992466-37	990914S	0.60758			0.50	0.14622	92.3	%	75-125		09/24/1999	1748
CCV		990924I	2.50586			2.5		100.2	%	90-110		09/24/1999	1754
CCB		990924B	0.00000	U						0.005		09/24/1999	1800
ISB		990806M	0.47241			0.4998		94.5	%	80-120		09/24/1999	1900
CCV		990924I	2.47655			2.5		99.1	%	90-110		09/24/1999	1905
CCB		990924B	0.00028	U						0.005		09/24/1999	1911
ISB		990806M	0.47735			0.4998		95.5	%	80-120		09/24/1999	2228
CCV		990924I	2.47322			2.5		98.9	%	90-110		09/24/1999	2234
CCB		990924B	0.00034	U						0.005		09/24/1999	2240
MB		51836	0.00054	B						0.005		09/24/1999	2246
SB		990914S	0.50856			0.50		101.7	%	80-120		09/24/1999	2251
SD	992545-1		0.00037	U			0.00031					09/24/1999	2303
CCV		990924I	2.49662			2.5		99.9	%	90-110		09/24/1999	2345
CCB		990924B	0.00047	B						0.005		09/24/1999	2351
CCV		990924I	2.48277			2.5		99.3	%	90-110		09/25/1999	0057
CCB		990924B	0.00043	U						0.005		09/25/1999	0103
ISB		990806M	0.47924			0.4998		95.9	%	80-120		09/25/1999	0144
CCV		990924I	2.47167			2.5		98.9	%	90-110		09/25/1999	0150
CCB		990924B	0.00056	B						0.005		09/25/1999	0156

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: ZN
Parameter.....: Zinc (Zn)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
LRA		990719N	1.00172			10.00						09/24/1999	1042
LRA		990924O	0.00506									09/24/1999	1046
LRA		990803K	0.00309	B								09/24/1999	1049
LRA		990719L	0.00494	B								09/24/1999	1053
LRA		990719M	0.00367	B								09/24/1999	1059
ICV		990924I	2.42092			2.5		96.8	%	90-110		09/24/1999	1104
ICB		990924B	-0.00003	U						0.005		09/24/1999	1109
ISB		990806M	0.95376			0.9979		95.6	%	80-120		09/24/1999	1120
MB		51741	0.00005	U						0.005		09/24/1999	1128
SB		990914S	0.49114			0.50		98.2	%	80-120		09/24/1999	1131
MS	992475-5	990914S	0.52551			0.50	0.02241	100.6	%	75-125		09/24/1999	1141
MSD	992475-5	990914S	0.50474		0.52551	0.50	0.02241	96.5	%	75-125		09/24/1999	1145
								4.0	R	20			
SD	992475-6		0.00595				0.02309					09/24/1999	1153
CCV		990924I	2.42393			2.5		97.0	%	90-110		09/24/1999	1157
CCB		990924B	0.00001	U						0.005		09/24/1999	1202
MS	992475-13	990914S	0.53480			0.50	0.02881	101.2	%	75-125		09/24/1999	1236
MSD	992475-13	990914S	0.54138		0.53480	0.50	0.02881	102.5	%	75-125		09/24/1999	1240
								1.2	R	20			

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CORE LABORATORIES

QUALITY CONTROL RESULTS

Job Number.: 992522 Report Date.: 10/07/1999

CUSTOMER: ISSI, Incorporated PROJECT: TALs + Indium ATTN: Adrian Bradley

Test Method.....: SW-846 6010B Batch.....: 51875 Analyst...: lmt
Method Description.: Metals Analysis (ICAP Trace) Units.....: mg/L Test Code.: ZN
Parameter.....: Zinc (Zn)

QC	Lab ID	Reagent	QC Result	Q	QC Result	True Value	Orig. Value	Calc. Result	*	Limits	F	Date	Time
CCV		990924I	2.43479			2.5		97.4	%	90-110		09/24/1999	1247
CCB		990924B	-0.00006	U						0.005		09/24/1999	1253
MB		51835	0.00041	U						0.005		09/24/1999	1302
SB		990914S	0.48329			0.50		96.7	%	80-120		09/24/1999	1306
MS	992526-7	990914S	0.51005			0.50	0.00656	100.7	%	75-125		09/24/1999	1321
MSD	992526-7	990914S	0.49600		0.51005	0.50	0.00656	97.9	%	75-125		09/24/1999	1325
								2.8	R	20			
SD	992548-3		0.01060				0.02501					09/24/1999	1336
SD	992475-6		0.00426	B			0.01573					09/24/1999	1343
CCV		990924I	2.43587			2.5		97.4	%	90-110		09/24/1999	1347
CCB		990924B	-0.00019	U						0.005		09/24/1999	1353
PDS	992475-5	990914S	0.52069			0.50	0.01633	100.9	%	75-125		09/24/1999	1401
PSD	992475-5	990914S	0.51791		0.52069	0.50	0.01633	100.3	%	75-125		09/24/1999	1404
								0.5	R	20			
CCV		990924I	2.37510			2.5		95.0	%	90-110		09/24/1999	1439
CCB		990924B	0.00001	U						0.005		09/24/1999	1443
ISB		990806M	0.90062			0.9979		90.3	%	80-120		09/24/1999	1510
CCV		990924I	2.40401			2.5		96.2	%	90-110		09/24/1999	1529
CCB		990924B	0.00001	U						0.005		09/24/1999	1532
MB		51837	0.00137	B						0.005		09/24/1999	1544
SB		990914S	0.44791			0.50		89.6	%	80-120		09/24/1999	1550
LCS		990648	0.67852			0.696000		97.5	%	73.4-126.6		09/24/1999	1556
SD	992522-1		0.83852				3.80472	-10.2	D	-10.-10.0	E	09/24/1999	1607
CCV		990924I	2.41731			2.5		96.7	%	90-110		09/24/1999	1643
CCB		990924B	0.00028	U						0.005		09/24/1999	1649
MS	992466-37	990914S	2.45584			0.50	2.49064	-7.0	%	75-125		09/24/1999	1736
MSD	992466-37	990914S	2.50310		2.45584	0.50	2.49064	2.5	%	75-125		09/24/1999	1742
								1.9	R	20			
PDS	992466-37	990914S	2.87484			0.50	2.49064	76.8	%	75-125		09/24/1999	1748
CCV		990924I	2.43479			2.5		97.4	%	90-110		09/24/1999	1754
CCB		990924B	0.00008	U						0.005		09/24/1999	1800
ISB		990806M	0.94960			0.9979		95.2	%	80-120		09/24/1999	1900
CCV		990924I	2.41479			2.5		96.6	%	90-110		09/24/1999	1905
CCB		990924B	0.00044	U						0.005		09/24/1999	1911
ISB		990806M	0.96107			0.9979		96.3	%	80-120		09/24/1999	2228
CCV		990924I	2.41293			2.5		96.5	%	90-110		09/24/1999	2234
CCB		990924B	0.00046	U						0.005		09/24/1999	2240
MB		51836	0.00151	B						0.005		09/24/1999	2246
SB		990914S	0.49121			0.50		98.2	%	80-120		09/24/1999	2251
SD	992545-1		0.00519				0.00910					09/24/1999	2303
CCV		990924I	2.43473			2.5		97.4	%	90-110		09/24/1999	2345
CCB		990924B	0.00063	U						0.005		09/24/1999	2351
CCV		990924I	2.41931			2.5		96.8	%	90-110		09/25/1999	0057
CCB		990924B	0.00051	U						0.005		09/25/1999	0103
ISB		990806M	0.96472			0.9979		96.7	%	80-120		09/25/1999	0144
CCV		990924I	2.41002			2.5		96.4	%	90-110		09/25/1999	0150
CCB		990924B	0.00048	U						0.005		09/25/1999	0156

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ANALYTICAL SUMMARY REPORT

Job Number: 992522 Report Date: 10/07/19

CUSTOMER: ISSI, Incorporated PROJECT: IN-VIVO/VB &I-70 ATTN: Adrian Bradley

BATCH	51837	ANALYTICAL METHOD	SW-846 3050B	DESCRIPTION	Acid Digestion: Solids	ANALYST	csc

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
992522-1	B1-00001-F	Soil		09/15/99	1325	09/23/99	2000	1
992522-2	B1-00002-F	Soil		09/15/99	1325	09/23/99	2000	1
992522-3	B1-00003-F	Soil		09/15/99	1630	09/23/99	2000	1

BATCH	51875	ANALYTICAL METHOD	SW-846 6010B	DESCRIPTION	Metals Analysis (ICAP Trace)	ANALYST	lmt

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
992522-1	B1-00001-F	Soil	Solid	09/15/99	1325	09/24/99	1601	1
992522-1	B1-00001-F	Soil	Solid	09/15/99	1325	09/24/99	1625	1
992522-2	B1-00002-F	Soil	Solid	09/15/99	1325	09/24/99	1613	1
992522-2	B1-00002-F	Soil	Solid	09/15/99	1325	09/24/99	1631	1
992522-3	B1-00003-F	Soil	Solid	09/15/99	1630	09/24/99	1619	1
992522-3	B1-00003-F	Soil	Solid	09/15/99	1630	09/24/99	1637	1

BATCH	51930	ANALYTICAL METHOD	SW-846 6010B	DESCRIPTION	Metals Analysis (ICAP Trace)	ANALYST	lmt

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
992522-1	B1-00001-F	Soil	Solid	09/15/99	1325	09/27/99	1132	1
992522-1	B1-00001-F	Soil	Solid	09/15/99	1325	09/27/99	1153	1
992522-1	B1-00001-F	Soil	Solid	09/15/99	1325	09/27/99	1132	1
992522-1	B1-00001-F	Soil	Solid	09/15/99	1325	09/27/99	1153	1
992522-2	B1-00002-F	Soil	Solid	09/15/99	1325	09/27/99	1136	1
992522-2	B1-00002-F	Soil	Solid	09/15/99	1325	09/27/99	1203	1
992522-2	B1-00002-F	Soil	Solid	09/15/99	1325	09/27/99	1136	1
992522-2	B1-00002-F	Soil	Solid	09/15/99	1325	09/27/99	1203	1
992522-3	B1-00003-F	Soil	Solid	09/15/99	1630	09/27/99	1139	1
992522-3	B1-00003-F	Soil	Solid	09/15/99	1630	09/27/99	1205	1
992522-3	B1-00003-F	Soil	Solid	09/15/99	1630	09/27/99	1139	1
992522-3	B1-00003-F	Soil	Solid	09/15/99	1630	09/27/99	1205	1

BATCH	52038	ANALYTICAL METHOD	SW-846 7471A	DESCRIPTION	Mercury (CVAA)	ANALYST	dfb

Lab Sample ID	Client Sample Identification	Sample Matrix	Test Matrix	Sample Date	Sample Time	Analysis Date	Analysis Time	Dil/Corr. Factor
992522-1	B1-00001-F	Soil	Solid	09/15/99	1325	09/28/99	1312	1
992522-1	B1-00001-F	Soil	Solid	09/15/99	1325	09/28/99	1313	1
992522-2	B1-00002-F	Soil	Solid	09/15/99	1325	09/28/99	1315	1
992522-2	B1-00002-F	Soil	Solid	09/15/99	1325	09/28/99	1317	1

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CORE LABORATORIES

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 10/07/19

(1) EPA 600/4-79-020 Methods for Chemical Analysis of Water and Wastes, March 1983

(2) EPA 600/4-91/010 Methods for the Determination of Metals In Environmental Samples, June 1991 & Supplement 1, May 1994

(3) EPA SW846 Test Methods for Evaluating Solid Waste, Third Edition, September 1986; Update I, July 1992; Update II, September 1994; Update IIA, August 1993; Update IIB, January 1995; Update III, December 1996

(4) Standard Methods for the Examination of Water and Wastewater, 16th Edition (1985), 17th Edition (1989), & 18th Edition (1992)

(5) EPA 600/4-80-032 Prescribed Procedures For Measurement Of Radioactivity in Drinking Water, August 1980

(6) EPA 600/8-78-017 Microbiological Methods For Monitoring The Environment, December 1978

(7) HACH Method 8000 Chemical Oxygen Demand for Water & Wastewater

(8) Federal Register, July 1, 1990 (40 CFR Part 136)

(9) EPA 600/4-88-03 Methods For The Determination of Organics Compounds in Drinking Water, December 1988

(10) U.S.G.S. Methods For Determination of Inorganic Substances In Water And Fluvial Sediments, Book 5, Chapter A1, 1985

(11) Federal Register, June 7, 1991 (40 CFR Parts 141 & 142)

(12) ASTM Section 11 Water and Environmental Technology, Volume 11.01 Water (1), 1991

(13) Methods of Soil Analysis, American Society of Agronomy, Agronomy No. 9, 1965

(14) ASTM Section 5, Petroleum Products, Lubricants, and Fossil Fuels, Volume 05.05, Gaseous Fuels, Coal, and Coke

(15) EPA 600/2-78-054 Field and Laboratory Methods Applicable To Overburdens and Mine Soils, March 1978

(16) ASTM Part 19, Soils and Rocks; Building Stones, 1981

COMMENTS

a) ND = Not detected. NC = Not calculable due to value(s) lower than the detection limit.

b) The report cover sheet is not paginated and is included as part of the final report.

c) Data in the QA report may differ from final results due to digestion and/or dilution of samples into analytical ranges. Quality control results are reported "as analyzed" within the instruments established calibration range.

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QUALITY ASSURANCE METHODS
REFERENCES AND NOTES
Report Date: 10/07/19

d) The "Time Analyzed" in the QA report refers to the start time of the analytical batch which may not reflect the actual time of each analysis. The "Date Analyzed" is the actual date of analysis.

e) Results for soil and sludge samples are reported on a wet weight basis (i.e. not corrected for percent moisture) unless otherwise indicated.

f) Column confirmation analysis is not performed for GC volatiles parameters unless specified by contract.

BLANK QC SAMPLE IDENTIFICATION

MB	Method Blank
EB	Extraction Blank
ICB	Initial Calibration Blank
CCB	Continuing Calibration Blank

SPIKE QC SAMPLE IDENTIFICATION

MS	Method (Matrix) Spike
MSD	Method (Matrix) Spike Duplicate
PDS	Post-Digestion Spike
PSD	Post-Digestion Spike Duplicate
SB	Spike Blank
SBD	Spike Blank Duplicate

REFERENCE STANDARD QC SAMPLE IDENTIFICATION

LCS	Laboratory Control Standard
LCD	Laboratory Control Standard Duplicate
RS	Reference Standard
RSD	Reference Standard Duplicate
ICV	Initial Calibration Verification Standard
CCV	Continuing Calibration Verification Standard
ISA/ISB	ICP Interference Check Sample
ICL	Initial Calibration/Laboratory Control Sample
DSC	Distilled Standard Check
CRI	CRDL Low-Level ICP Standard

DUPLICATE QC SAMPLE IDENTIFICATION

MD	Method (Matrix) Duplicate
ED	Extraction Duplicate
SD	Serial Dilution

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "Technician" using the following codes:

SUBCONTRACT LABORATORY	CODE
Core Laboratories - Anaheim, CA	* AN
Core Laboratories - Casper, WY	* CA
Core Laboratories - Corpus Christi, TX	* CC
Core Laboratories - Gulf States - Houston, TX	* HE
Core Laboratories - Houston, TX	* HP
Core Laboratories - Lake Charles, LA	* LC
Core Laboratories - Valparaiso, IN	* VP
Other Subcontract Laboratories	* XX

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CORE LABORATORIES

METALS DIGESTIONS

51837

SOP HC-ATM-E005-1, HC-ATM-E006, HC-ATM-E009, HC-ATM-E010, and HC-ATM-E012

EPA Method Reference 3050 Date 9/22/99 Analyst [illegible]

Digestion Temp. 90° Dig. Start Time 20:00 Dig. End Time 22:00

Spike ID 990664 Spike Volume 1.0 Spike ID 990771 Spike Volume 1.0 mL

HNO3 ID 990638 HCl ID 990771 H2O2 ID _____ Other _____

Sample ID	Aliquot mls	Aliquot grams	Final Volume mls	Filtered Yes	Filtered No	Comments
MB	—	—	100mL		✓	
SRM		—			✓	
LCS 990648		1.00				
992466-31		1.00				
-32		1.00				
-33		1.00				
-34		1.00				
-35		1.00				
-36		1.00				
-37		1.00				
-37MS		1.00				
-37MSD		1.00				
992522-1		1.00				
-1		1.00				
-2		1.00				
-2		1.00				
-3		1.00				
-3		0.84				
992545-33		1.00				
-34		1.00				
-35		1.00				
-36		1.00				
-37		1.00				
-38		1.00				
-39		1.00				

NOTE: Continued on back of page.

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CORELAB

CORE LABORATORIES

Sample ID	Aliquot mls	Aliquot grams	Final Volume mls	Filtered		Comments
				Yes	No	

000042

CORELAB

52038

CORE LABORATORIES

MERCURY DIGESTIONS & PE FIMS 400 MERCURY AUTOANALYZER RUN LOG

SOPs HC-ATM-E001, HC-ATM-E002, HC-ATM-E046 and HC-ATM-E047

Mercury Digestion Data

Spike ID 990924H | Spike Conc. 2.0 µg/L | HNO3 ID 990621 | Method 7471
H2SO4 ID — | HCL ID 990488 | KMnO4 ID 980399 | Analyst D.B.
K2S2O8 ID — | SnCL2 ID 990519 | NaCl ID 970847 | Dig.Date 9-27-99
NH2OH·HCL ID 990516 | Dig. Temp 90°C | Dig.Start Time 1155 | Dig.End Time 1400

Mercury Analytical Data

Anal. Start Time 1248 | Anal. End Time 1651 | Anal.Date 9-28-99 | Analyst D.B.
ICV Std. ID 990925I | ICV Conc. 4.0 µg/L | Cal. Std. ID 990914N | Corr. Coeff. 0.99982
CCV Std. ID 990940 | CCV Conc. 5.0 µg/L

Sample ID	Aliquot mL or g	Final Volume mL	Dilution Factor	Raw Conc. µg/L	Comments
Initial Calibration Sequence - refer to instrument printout					
ICV	2.0	20	10x	—	
ICB	—	100	—		
MB 0927 E	—		—		
SB 990924H	—				
LCS 990648	0.30				
992522S -1	0.60				
-1	0.60				
-2	0.60				
-2	0.60	↓	↓	↓	
~~-3~~		DB 9279			Sample Depleted
~~-3~~					↓
-2MS	0.60	100	—	—	
CCV	—				
CCB	—				
992522S-2MSD	0.60				
992524S -1	0.61				
992544S -1	0.65				
-2	0.63				
-3	0.65				
-4	0.61				
-5	0.63				
-6	0.62				
992564S -1	0.62				
-2	0.60	↓	↓	↓	

C00043

C00101

NOTE: Continued on back of page.

CORE LABORATORIES

Sample ID	Aliquot mL or (g)	Final Volume mL	Dilution Factor	Raw Conc. µg/L	Comments
CCV	—	100	—	—	
CCB	—	↓	↓	↓	
992564s-3	0.64	↓	↓	↓	
-4	0.60	↓	↓	↓	
-5	0.61	↓	↓	↓	
-6	0.62	↓	↓	↓	
					D.B. 9-27-99
CCV	—	100	—	—	
CCB	—	100	—	—	
					D.B. 9-27-99
CCV					
CCB					

Final Concentration (mg/L) = Raw Concentration µg/L x Dilution Factor ÷ 1000

Final Concentration (mg/Kg) = $\frac{\text{Raw Concentration µg/L x Dilution Factor x mL Final Volume}}{\text{Sample Aliquot (g) x 1000}}$

NOTE: Recorded raw concentration µg/L values are taken from direct instrument readout.

Sample_ID	EL	Sam_Date	Sam_Time	RSD	Mean_SA	Seq
Calib Blank	Hg	09/28/1999	12:48:22	6.115		1
0.2 ppb	Hg	09/28/1999	12:50:11	0.392		2
0.5 ppb	Hg	09/28/1999	12:52:01	0.712		3
1.0 ppb	Hg	09/28/1999	12:53:50	0.333		4
2.0 ppb	Hg	09/28/1999	12:55:42	1.398		5
5.0 ppb	Hg	09/28/1999	12:57:35	1.033		6
10.0 ppb	Hg	09/28/1999	12:59:29	0.587		7
ICV 990925I	Hg	09/28/1999	13:03:01	0.447		
0.00384907						8
ICB	Hg	09/28/1999	13:04:48	216.4	-	
0.0000016						9
MB 0927 E	Hg	09/28/1999	13:06:35	13.58	-	
0.0000043						10
SB 990924H	Hg	09/28/1999	13:08:23	0.551		
0.00217899						11
LCS 990648	Hg	09/28/1999	13:10:12	0.049		
0.00438351						12
992522S-1	Hg	09/28/1999	13:12:03	0.527		
0.00420492						13
992522S-1	Hg	09/28/1999	13:13:52	0.056		
0.00450706						14
992522S-2	Hg	09/28/1999	13:15:43	0.459		
0.00782229						15
992522S-2	Hg	09/28/1999	13:17:34	0.306		
0.00825695						16
992522S-2 MS	Hg	09/28/1999	13:19:25	0.797		
0.00968234						17
992522S-2 MSD	Hg	09/28/1999	13:21:16	0.495		
0.00975799						18
992522S-2 PDS	Hg	09/28/1999	13:23:08	0.375		
0.00949174						19
CCV 990914O	Hg	09/28/1999	13:25:03	0.521		
0.00519951						20
CCB	Hg	09/28/1999	13:26:53	240.1		
0.00000107						21
992524S-1	Hg	09/28/1999	13:28:43	141.8		
0.02457304						22
992544S-1	Hg	09/28/1999	13:30:37	0.842		
0.00016775						23
992544S-2	Hg	09/28/1999	13:32:30	1.567		
0.00010228						24
992544S-3	Hg	09/28/1999	13:34:25	3.474		
0.00010279						25
992544S-4	Hg	09/28/1999	13:36:15	0.217		
0.00012809						26
992544S-5	Hg	09/28/1999	13:38:02	1.615		

0.00016751	27				
992544S-6		Hg	09/28/1999	13:39:49	1.381
0.00010090	28				
992564S-1		Hg	09/28/1999	13:41:38	2.005
0.00009628	29				
992564S-2		Hg	09/28/1999	13:43:27	1.798
0.00010748	30				
992564S-3		Hg	09/28/1999	13:45:16	1.152
0.00012760	31				
CCV 990914O		Hg	09/28/1999	13:47:08	0.046
0.00520889	32				
CCB		Hg	09/28/1999	13:49:00	3599.
0.00000002	33				
992564S-4		Hg	09/28/1999	13:50:49	2.493
0.00009570	34				
992564S-5		Hg	09/28/1999	13:52:39	1.784
0.00009715	35				
992564S-6		Hg	09/28/1999	13:54:29	1.345
0.00010151	36				
MB 0927 A		Hg	09/28/1999	13:56:20	5.691 -
0.0000015	37				
SB 990924H		Hg	09/28/1999	13:58:11	0.327
0.00200353	38				
992527T-1		Hg	09/28/1999	14:00:04	82.78 -
0.0000012	39				
992527T-2		Hg	09/28/1999	14:01:56	39.14
0.00000030	40				
992527T-3		Hg	09/28/1999	14:03:50	238.7
0.00000030	41				
992527T-4		Hg	09/28/1999	14:05:43	72.21
0.00000220	42				
992527T-5		Hg	09/28/1999	14:07:36	27.67
0.00000390	43				
CCV 990914O		Hg	09/28/1999	14:09:31	0.658
0.00528817	44				
CCB		Hg	09/28/1999	14:11:23	40098
0.00000000	45				
992527T-6		Hg	09/28/1999	14:13:10	165.7 -
0.0000007	46				
992527T-7		Hg	09/28/1999	14:14:57	78.13
0.00000137	47				
992527T-8		Hg	09/28/1999	14:16:44	128.4 -
0.0000020	48				
992527T-9		Hg	09/28/1999	14:18:32	174.8
0.00000080	49				
992527T-10		Hg	09/28/1999	14:20:19	28.64
0.00000415	50				
992527T-11		Hg	09/28/1999	14:22:08	272.8 -
0.0000008	51				
992527T-12		Hg	09/28/1999	14:23:57	56.38
0.00000220	52				
992527T-13		Hg	09/28/1999	14:25:45	10.42
0.00000295	53				
992527T-14		Hg	09/28/1999	14:27:35	152.0
0.00000187	54				

992527T-15	Hg	09/28/1999	14:29:26	2495.	-
0.0000000 55					
CCV 9909140	Hg	09/28/1999	14:31:20	0.404	
0.00526831 56					
CCB	Hg	09/28/1999	14:33:12	183.4	
0.00000088 57					
992527T-16	Hg	09/28/1999	14:35:01	166.8	
0.00000185 58					
992527T-17	Hg	09/28/1999	14:36:52	34.46	
0.00000850 59					
992528T-1	Hg	09/28/1999	14:38:44	227.8	-
0.0000004 60					
992529T-1	Hg	09/28/1999	14:40:37	47.78	-
0.0000011 61					
992542T-1	Hg	09/28/1999	14:42:30	0.015	
0.00044115 62					
992542T-1 MS	Hg	09/28/1999	14:44:19	0.840	
0.00194465 63					
992542T-1 MSD	Hg	09/28/1999	14:46:05	0.553	
0.00188227 64					
992542T-1 PDS	Hg	09/28/1999	14:47:52	0.219	
0.00178398 65					
MB 0927 B	Hg	09/28/1999	14:49:38	41.34	-
0.0000018 66					
SB 990924H	Hg	09/28/1999	14:51:25	0.498	
0.00206891 67					
CCV 9909140	Hg	09/28/1999	14:53:16	0.284	
0.00526520 68					
CCB	Hg	09/28/1999	14:55:07	70.30	-
0.0000024 69					
992526T-3	Hg	09/28/1999	14:56:56	86.67	
0.00000198 70					
992526T-3 MS	Hg	09/28/1999	14:58:45	0.415	
0.00207716 71					
992526T-3 MSD	Hg	09/28/1999	15:00:34	0.735	
0.00211286 72					
992526T-3 PDS	Hg	09/28/1999	15:02:24	1.687	
0.00203804 73					
992526T-4	Hg	09/28/1999	15:04:15	64.53	
0.00000129 74					
992526T-7	Hg	09/28/1999	15:06:06	39.45	
0.00000112 75					
992548T-3	Hg	09/28/1999	15:07:57	45.64	
0.00000235 76					
992539T-1	Hg	09/28/1999	15:09:48	94.76	-
0.0000018 77					
992539T-2	Hg	09/28/1999	15:11:39	208.2	
0.00000141 78					
992539T-3	Hg	09/28/1999	15:13:32	17.70	
0.00000108 79					
CCV 9909140	Hg	09/28/1999	15:15:25	0.612	
0.00529550 80					
CCB	Hg	09/28/1999	15:17:18	29.38	-
0.0000052 81					
992539T-4	Hg	09/28/1999	15:19:09	78.69	-

0.0000022	82				
992539T-5		Hg	09/28/1999	15:20:58	29.14 -
0.0000060	83				
992573T-1		Hg	09/28/1999	15:22:44	121.3 -
0.0000029	84				
992573T-2		Hg	09/28/1999	15:24:31	405.0
0.00000061	85				
992573T-3		Hg	09/28/1999	15:26:17	33.82
0.00000895	86				
992573T-4		Hg	09/28/1999	15:28:04	53.33
0.00000261	87				
992573T-5		Hg	09/28/1999	15:29:52	0.000 -
0.0000016	88				
992573T-6		Hg	09/28/1999	15:31:42	62.19 -
0.0000022	89				
992573T-7		Hg	09/28/1999	15:33:31	35.45 -
0.0000072	90				
992573T-8		Hg	09/28/1999	15:35:20	5.931
0.00000353	91				
CCV 990914O		Hg	09/28/1999	15:37:12	0.638
0.00541951	92				
CCB		Hg	09/28/1999	15:39:03	36.53 -
0.0000051	93				
992573T-9		Hg	09/28/1999	15:40:50	8.907 -
0.0000025	94				
992573T-10		Hg	09/28/1999	15:42:41	69.33 -
0.0000005	95				
MB 0927 C		Hg	09/28/1999	15:44:34	1.503
0.00000301	96				
SB 990924H		Hg	09/28/1999	15:46:25	0.099
0.00207389	97				
992570T-1		Hg	09/28/1999	15:48:16	0.770
0.01062740	98				
992570T-1 MS		Hg	09/28/1999	15:50:07	0.181
0.01254647	99				
992570T-1 MSD		Hg	09/28/1999	15:51:56	0.304
0.01254672	100				
992570T-1 PDS		Hg	09/28/1999	15:53:43	0.144
0.01289580	101				
MB 0927 D		Hg	09/28/1999	15:55:29	171.3 -
0.0000026	102				
SB 990924H		Hg	09/28/1999	15:57:16	1.167
0.00214528	103				
CCV 990914O		Hg	09/28/1999	15:59:08	1.688
0.00526652	104				
CCB		Hg	09/28/1999	16:01:00	4.218 -
0.0000063	105				
992247D-6		Hg	09/28/1999	16:02:49	0.751
0.03525492	106				
992247D-6 MS		Hg	09/28/1999	16:04:36	0.122
0.03661232	107				
992247D-6 MSD		Hg	09/28/1999	16:06:23	0.898
0.03699161	108				
992247D-6 PDS		Hg	09/28/1999	16:08:11	0.850
0.03690713	109				

CCV 9909140		Hg	09/28/1999	16:10:03	0.131
0.00535549	110				
CCB		Hg	09/28/1999	16:11:54	4.652 -
0.0000069	111				

Sample_ID		EL	Sam_Date	Sam_Time	RSD	Mean_SA	Seq
CCV 9909140		Hg	09/28/1999	16:34:25	0.171	0.00538584	1
CCB		Hg	09/28/1999	16:36:17	20.26	- 0.0000071	2
992522S-2		Hg	09/28/1999	16:38:06	0.723	0.00801367	3
992524S-1	20X	Hg	09/28/1999	16:39:54	0.316	0.00294471	4
992247D-6	10X	Hg	09/28/1999	16:41:44	0.874	0.00449138	5
992247D-6 PDS	10X	Hg	09/28/1999	16:43:35	0.343	0.00676960	6
992426T-1	1000X	Hg	09/28/1999	16:45:26	0.299	0.00282341	7
CCV 9909140		Hg	09/28/1999	16:47:20	0.155	0.00557755	8
CCV 9909140		Hg	09/28/1999	16:49:14	1.149	0.00544240	9
CCB		Hg	09/28/1999	16:51:05	27.75	- 0.0000106	10

Method Name: CORE
Method Description:
Element: Hg

Date: 09/28/1999
Technique:FI-MHS
Calibration Type:
Hg, Zero Intercept: Linear
Wavelength: 253.7 nm
Sample Info Name: 092899A.SIF Results Data Set Name: 092899D

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 09/28/1999
Sample ID: Calib Blank

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0005	0.0021	0.0005	12:47:49	No
2			0.0004	0.0019	0.0004	12:48:22	No
Mean:			0.0004				
SD :			0.0000				
%RSD:			6.1151				

Auto-zero performed.

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 09/28/1999
Sample ID: 0.2 ppb

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0025	0.0192	0.0030	12:49:38	No
2			0.0025	0.0190	0.0030	12:50:11	No
Mean:			0.0025				
SD :			0.0000				
%RSD:			0.3927				

[Hg] Standard number 1 applied. (0.20000)
Correlation Coefficient: 1.00000 Slope: 0.01267

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 09/28/1999
Sample ID: 0.5 ppb

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0065	0.0450	0.0070	12:51:28	No
2			0.0065	0.0441	0.0069	12:52:01	No
Mean:			0.0065				
SD :			0.0000				
%RSD:			0.7128				

[Hg] Standard number 2 applied. (0.50000)
Correlation Coefficient: 0.99972 Slope: 0.01297

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 09/28/1999
Sample ID: 1.0 ppb

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0120	0.0812	0.0125	12:53:16	No
2			0.0120	0.0804	0.0124	12:53:50	No
Mean:			0.0120				
SD :			0.0000				

C00051

%RSD: 0.3330
[Hg] Standard number 3 applied. [1.0000]
Correlation Coefficient: 0.99799 Slope: 0.01223

Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 09/28/1999
Sample ID: 2.0 ppb

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0260	0.1734	0.0265	12:55:10	No
2			0.0255	0.1709	0.0260	12:55:42	No
Mean:			0.0258				
SD :			0.0004				
%RSD:			1.3968				

[Hg] Standard number 4 applied. [2.0000]
Correlation Coefficient: 0.99891 Slope: 0.01274

Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 09/28/1999
Sample ID: 5.0 ppb

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0618	0.4187	0.0622	12:57:02	No
2			0.0609	0.4114	0.0613	12:57:35	No
Mean:			0.0614				
SD :			0.0006				
%RSD:			1.0333				

[Hg] Standard number 5 applied. [5.0000]
Correlation Coefficient: 0.99966 Slope: 0.01236

Element: Hg Seq. No.: 7 AS Loc.: 7 Date: 09/28/1999
Sample ID: 10.0 ppb

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1210	0.8245	0.1214	12:58:57	No
2			0.1200	0.8086	0.1204	12:59:29	No
Mean:			0.1205				
SD :			0.0007				
%RSD:			0.5871				

[Hg] Standard number 6 applied. [10.000]
Correlation Coefficient: 0.99982 Slope: 0.01212

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0004	-----	----	----	----
0.2 ppb	0.0025	0.20000	0.20900	0.000010	0.4
0.5 ppb	0.0065	0.50000	0.53706	0.000046	0.7
1.0 ppb	0.0120	1.00000	0.99037	0.000040	0.3
2.0 ppb	0.0258	2.00000	2.1279	0.000361	1.4
5.0 ppb	0.0614	5.00000	5.0628	0.000634	1.0
10.0 ppb	0.1205	10.00000	9.9394	0.000707	0.6

Correlation Coefficient: (0.99982) Slope: 0.01212 ----

Element: Hg Seq. No.: 8 AS Loc.: 8 Date: 09/28/1999
Sample ID: [illegible]

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00386	3.8613	0.0466	0.3166	0.0472	01:02:29	No
2	0.00384	3.8369	0.0465	0.3110	0.0469	01:03:01	No
Mean:	0.00385	3.8491	0.0466				
SD :	0.000017	0.017238	0.0002				
%RSD:	0.4	0.4	0.4478				

QC value within specified limits.

Element: Hg Seq. No.: 9 AS Loc.: 1 Date: 09/28/1999
Sample ID: ICB

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00427	-0.0001	0.0021	0.0004	01:04:16	No
2	0.00000	0.00090	0.0000	0.0027	0.0004	01:04:48	No
Mean:	0.00000	-0.00169	0.0000				
SD :	0.000004	0.003657	0.0000				
%RSD:	216.5	216.5	216.4740				

QC value within specified limits.

Element: Hg Seq. No.: 10 AS Loc.: 10 Date: 09/28/1999
Sample ID: MB 0927 E

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00481	-0.0001	0.0023	0.0004	01:06:03	No
2	0.00000	-0.00397	0.0000	0.0026	0.0004	01:06:35	No
Mean:	0.00000	-0.00439	-0.0001				
SD :	0.000001	0.000596	0.0000				
%RSD:	13.6	13.6	13.5856				

Element: Hg Seq. No.: 11 AS Loc.: 11 Date: 09/28/1999
Sample ID: SB 990924H

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00219	2.1875	0.0265	0.1752	0.0269	01:07:50	No
2	0.00217	2.1705	0.0263	0.1730	0.0267	01:08:23	No
Mean:	0.00218	2.1790	0.0264				
SD :	0.000012	0.012022	0.0001				
%RSD:	0.6	0.6	0.5517				

Element: Hg Seq. No.: 12 AS Loc.: 12 Date: 09/28/1999
Sample ID: LCS 990648

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00438	4.3820	0.0531	0.3404	0.0535	01:09:39	No
2	0.00439	4.3850	0.0531	0.3454	0.0536	01:10:12	No
Mean:	0.00438	4.3835	0.0531				
SD :	0.000002	0.002165	0.0000				
%RSD:							

Element: Hg Seq. No.: 13 AS Loc.: 13 Date: 09/28/1999
Sample ID: 992522S-1

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00419	4.1892	0.0508	0.3334	0.0512	01:11:36	No
2	0.00422	4.2206	0.0512	0.4302	0.0516	01:12:03	No
Mean:	0.00420	4.2049	0.0510				
SD :	0.000022	0.022200	0.0003				
%RSD:	0.5	0.5	0.5280				

Element: Hg Seq. No.: 14 AS Loc.: 14 Date: 09/28/1999
Sample ID: 992522S-1

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00451	4.5089	0.0546	0.3542	0.0551	01:13:20	No
2	0.00451	4.5053	0.0546	0.3479	0.0550	01:13:52	No
Mean:	0.00451	4.5071	0.0546				
SD :	0.000003	0.002543	0.0000				
%RSD:							

Element: Hg Seq. No.: 15 AS Loc.: 15 Date: 09/28/1999
Sample ID: 992522S-2

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00785	7.8477	0.0951	0.6045	0.0955	01:15:11	No
2	0.00780	7.7969	0.0945	0.5894	0.0949	01:15:43	No
Mean:	0.00782	7.8223	0.0948				
SD :	0.000036	0.035975	0.0004				
%RSD:	0.5	0.5	0.4599				

Element: Hg Seq. No.: 16 AS Loc.: 16 Date: 09/28/1999
Sample ID: 992522S-2

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00827	8.2749	0.1003	0.6390	0.1007	01:17:02	No
2	0.00824	8.2391	0.0999	0.6235	0.1003	01:17:34	No
Mean:	0.00826	8.2570	0.1001				
SD :	0.000025	0.025322	0.0003				
%RSD:	0.3	0.3	0.3067				

Element: Hg Seq. No.: 17 AS Loc.: 17 Date: 09/28/1999
Sample ID: 992522S-2 MS

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00974	9.7369	0.1180	0.7414	0.1184	01:18:53	No
2	0.00963	9.6278	0.1167	0.7402	0.1171	01:19:25	No
Mean:	0.00968	9.6823	0.1173				
SD :	0.000077	0.077208	0.0009				
%RSD:	0.8	0.8	0.7974				

Element: Hg Seq. No.: 18 AS Loc.: 18 Date: 09/28/1999
Sample ID: 992522S-2 MSD

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

000057

1	0.00979	9.7922	0.1197	0.7669	0.1191	01:20:11	No
2	0.00972	9.7258	0.1178	0.7566	0.1180	01:21:16	No
Mean:	0.00976	9.7590	0.1188				
SD :	0.000048	0.046883	0.0013				
%RSD:	0.5	0.5	1.1058				

Element: Hg Seq. No.: 19 AS Loc.: 19 Date: 09/28/1999
Sample ID: 9925228-2 FDS

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00952	9.5169	0.1153	0.7523	0.1158	01:22:36	No
2	0.00947	9.4666	0.1147	0.7449	0.1152	01:23:08	No
Mean:	0.00949	9.4917	0.1150				
SD :	0.000036	0.035601	0.0004				
%RSD:	0.4	0.4	0.3751				

Element: Hg Seq. No.: 20 AS Loc.: 8 Date: 09/28/1999
Sample ID: CCV 9909140

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00522	5.2187	0.0632	0.4128	0.0637	01:24:30	No
2	0.00518	5.1804	0.0628	0.4071	0.0632	01:25:03	No
Mean:	0.00520	5.1995	0.0630				
SD :	0.000027	0.027104	0.0003				
%RSD:	0.5	0.5	0.5213				

QC value within specified limits.

Element: Hg Seq. No.: 21 AS Loc.: 1 Date: 09/28/1999
Sample ID: CCB

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00075	0.0000	0.0019	0.0004	01:26:21	No
2	0.00000	0.00289	0.0000	0.0024	0.0005	01:26:53	No
Mean:	0.00000	0.00107	0.0000				
SD :	0.000003	0.002574	0.0000				
%RSD:	240.1	240.1	240.1145				

QC value within specified limits.

Element: Hg Seq. No.: 22 AS Loc.: 20 Date: 09/28/1999
Sample ID: 9925248-1

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.04923	49.227	0.5966	4.0086	0.5971	01:28:11	No

Sample absorbance is greater than that of the highest standard.

2	-0.00008	-0.08134	-0.0010	-0.0497	-0.0006	01:28:43	No

Sample absorbance is greater than that of the highest standard.

Mean:	0.02457	24.573	0.2978				
SD :	0.034867	34.867	0.4226				
%RSD:	141.9	141.9	141.8895				

Sample absorbance is greater than that of the highest standard.

Element: Hg Seq. No.: 23 AS Loc.: 21 Date: 09/28/1999
Sample ID: 9925448-1

C00059

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00017	0.16875	0.0020	0.0153	0.0025	01:20:04	No
2	0.00017	0.16676	0.0020	0.0151	0.0025	01:20:37	No
Mean:	0.00017	0.16775	0.0020				
SD :	0.000001	0.001413	0.0000				
%RSD:	0.6	0.8	0.8421				

Element: Hg Seq. No.: 24 AS Loc.: 22 Date: 09/28/1999
Sample ID: 992544S-2

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00010	0.10242	0.0013	0.0104	0.0017	01:31:58	No
2	0.00010	0.10116	0.0012	0.0103	0.0017	01:32:30	No
Mean:	0.00010	0.10229	0.0012				
SD :	0.000002	0.001604	0.0000				
%RSD:	1.6	1.6	1.5679				

Element: Hg Seq. No.: 25 AS Loc.: 23 Date: 09/28/1999
Sample ID: 992544S-3

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00011	0.10532	0.0013	0.0110	0.0017	01:33:53	No
2	0.00010	0.10027	0.0012	0.0102	0.0017	01:34:25	No
Mean:	0.00010	0.10280	0.0012				
SD :	0.000004	0.003571	0.0000				
%RSD:	3.5	3.5	3.4741				

Element: Hg Seq. No.: 26 AS Loc.: 24 Date: 09/28/1999
Sample ID: 992544S-4

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00013	0.12790	0.0016	0.0129	0.0020	01:35:43	No
2	0.00013	0.12829	0.0016	0.0131	0.0020	01:36:15	No
Mean:	0.00013	0.12810	0.0016				
SD :	0.000000	0.000278	0.0000				
%RSD:	0.2	0.2	0.2173				

Element: Hg Seq. No.: 27 AS Loc.: 25 Date: 09/28/1999
Sample ID: 992544S-5

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00017	0.16943	0.0021	0.0163	0.0025	01:37:30	No
2	0.00017	0.16561	0.0020	0.0159	0.0024	01:38:02	No
Mean:	0.00017	0.16752	0.0020				
SD :	0.000003	0.002706	0.0000				
%RSD:	1.6	1.6	1.6156				

Element: Hg Seq. No.: 28 AS Loc.: 26 Date: 09/28/1999
Sample ID: 992544S-6

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00010	0.10189	0.0012	0.0109	0.0017	01:39:17	No

C30061

2	0.00010	0.09992	0.0012	0.0106	0.0016	01:39:49 No
Mean:	0.00010	0.10090	0.0012			
SD :	0.000001	0.001394	0.0000			
%RSD:	1.4	1.4	1.3817			

Element: Hg Seq. No.: 29 AS Loc.: 27 Date: 09/28/1999
Sample ID: 992564S-1

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00010	0.09765	0.0012	0.0105	0.0016	01:41:06	No
2	0.00009	0.09492	0.0012	0.0103	0.0016	01:41:38	No
Mean:	0.00010	0.09629	0.0012				
SD :	0.000002	0.001931	0.0000				
%RSD:	2.0	2.0	2.0058				

Element: Hg Seq. No.: 30 AS Loc.: 28 Date: 09/28/1999
Sample ID: 992564S-2

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00011	0.10885	0.0013	0.0117	0.0018	01:42:54	No
2	0.00011	0.10612	0.0013	0.0114	0.0017	01:43:27	No
Mean:	0.00011	0.10748	0.0013				
SD :	0.000002	0.001933	0.0000				
%RSD:	1.8	1.8	1.7985				

Element: Hg Seq. No.: 31 AS Loc.: 29 Date: 09/28/1999
Sample ID: 992564S-3

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00013	0.12864	0.0016	0.0131	0.0020	01:44:43	No
2	0.00012	0.12656	0.0015	0.0126	0.0020	01:45:16	No
Mean:	0.00013	0.12760	0.0015				
SD :	0.000001	0.001470	0.0000				
%RSD:	1.2	1.2	1.1523				

Element: Hg Seq. No.: 32 AS Loc.: 8 Date: 09/28/1999
Sample ID: CCV 9909140

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00521	5.2072	0.0631	0.4186	0.0635	01:46:35	No
2	0.00521	5.2106	0.0632	0.4142	0.0636	01:47:08	No
Mean:	0.00521	5.2089	0.0631				
SD :	0.000002	0.002416	0.0000				
%RSD:							

QC value within specified limits.

Element: Hg Seq. No.: 33 AS Loc.: 1 Date: 09/28/1999
Sample ID: CCB

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00070	0.0000	0.0025	0.0004	01:48:20	No
2	0.00000	-0.00064	0.0000	0.0023	0.0004	01:49:00	No
Mean:	0.00000	0.00003	0.0000				

CC0063

SD : 0.000001 0.000948 0.0006
%RSD: 3599.5 3599.5 3599.4511
QC value within specified limits.

Element: Hg Seq. No.: 34 AS Loc.: 30 Date: 09/28/1999
Sample ID: 992564S-4

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00010	0.09739	0.0012	0.0101	0.0016	01:50:16	No
2	0.00009	0.09402	0.0011	0.0096	0.0016	01:50:49	No
Mean:	0.00010	0.09571	0.0012				
SD :	0.000002	0.002386	0.0000				
%RSD:	2.5	2.5	2.4935				

Element: Hg Seq. No.: 35 AS Loc.: 31 Date: 09/28/1999
Sample ID: 992564S-5

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00010	0.09838	0.0012	0.0104	0.0016	01:52:06	No
2	0.00010	0.09592	0.0012	0.0102	0.0016	01:52:39	No
Mean:	0.00010	0.09715	0.0012				
SD :	0.000002	0.001733	0.0000				
%RSD:	1.8	1.8	1.7842				

Element: Hg Seq. No.: 36 AS Loc.: 32 Date: 09/28/1999
Sample ID: 992564S-6

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00010	0.10248	0.0012	0.0110	0.0017	01:53:57	No
2	0.00010	0.10055	0.0012	0.0106	0.0017	01:54:29	No
Mean:	0.00010	0.10152	0.0012				
SD :	0.000001	0.001366	0.0000				
%RSD:	1.3	1.3	1.3454				

Element: Hg Seq. No.: 37 AS Loc.: 33 Date: 09/28/1999
Sample ID: MB 0927 A

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00160	0.0000	0.0023	0.0004	01:55:48	No
2	0.00000	-0.00148	0.0000	0.0025	0.0004	01:56:20	No
Mean:	0.00000	-0.00154	0.0000				
SD :	0.000000	0.000088	0.0000				
%RSD:	5.7	5.7	5.6919				

Element: Hg Seq. No.: 38 AS Loc.: 34 Date: 09/28/1999
Sample ID: SB 990924H

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00201	2.0082	0.0243	0.1623	0.0246	01:57:39	No
2	0.00200	1.9989	0.0242	0.1606	0.0247	01:58:11	No
Mean:	0.00200	2.0035	0.0243				
SD :	0.000007	0.006566	0.0001				
%RSD:	0.3	0.3	0.3277				

Element: Hg Seq. No.: 39 AS Loc.: 35 Date: 09/28/1999
Sample ID: 992527T-1

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00191	0.0000	0.0025	0.0004	01:59:32	No
2	0.00000	-0.00050	0.0000	0.0024	0.0004	02:00:04	No
Mean:	0.00000	-0.00120	0.0000				
SD :	0.000001	0.000996	0.0000				
%RSD:	82.8	82.8	82.7871				

Element: Hg Seq. No.: 40 AS Loc.: 36 Date: 09/28/1999
Sample ID: 992527T-2

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00039	0.0000	0.0028	0.0004	02:01:24	No
2	0.00000	0.00022	0.0000	0.0029	0.0004	02:01:56	No
Mean:	0.00000	0.00030	0.0000				
SD :	0.000000	0.000118	0.0000				
%RSD:	39.1	39.1	39.1416				

Element: Hg Seq. No.: 41 AS Loc.: 37 Date: 09/28/1999
Sample ID: 992527T-3

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00083	0.0000	0.0027	0.0004	02:03:17	No
2	0.00000	-0.00021	0.0000	0.0025	0.0004	02:03:50	No
Mean:	0.00000	0.00031	0.0000				
SD :	0.000001	0.000740	0.0000				
%RSD:	238.7	238.7	238.7144				

Element: Hg Seq. No.: 42 AS Loc.: 38 Date: 09/28/1999
Sample ID: 992527T-4

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00333	0.0000	0.0029	0.0005	02:05:11	No
2	0.00000	0.00108	0.0000	0.0027	0.0004	02:05:43	No
Mean:	0.00000	0.00221	0.0000				
SD :	0.000002	0.001594	0.0000				
%RSD:	72.2	72.2	72.2135				

Element: Hg Seq. No.: 43 AS Loc.: 39 Date: 09/28/1999
Sample ID: 992527T-5

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00466	0.0001	0.0031	0.0005	02:07:04	No
2	0.00000	0.00314	0.0000	0.0028	0.0005	02:07:36	No
Mean:	0.00000	0.00390	0.0000				
SD :	0.000001	0.001080	0.0000				
%RSD:	27.7	27.7	27.6775				

Element: Hg Seq. No.: 44 AS Loc.: 8 Date: 09/28/1999
Sample ID: CCV 9909140

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

C00067

#	mg/L	µg/L	Signal	Area	Height		Stored
1	0.00531	5.3128	0.0644	0.4167	0.0648	02:08:53	No
2	0.00526	5.2636	0.0638	0.4113	0.0642	02:09:21	No
Mean:	0.00528	5.2882	0.0641				
SD :	0.000035	0.034823	0.0004				
%RSD:	0.7	0.7	0.6585				

QC value within specified limits.

Element: Hg Seq. No.: 45 AS Loc.: 1 Date: 09/28/1999
Sample ID: CCB

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00251	0.0000	0.0025	0.0005	02:10:50	No
2	0.00000	-0.00249	0.0000	0.0021	0.0004	02:11:23	No
Mean:	0.00000	0.00001	0.0000				
SD :	0.000004	0.003536	0.0000				
%RSD:	40098	40098	40098.3360				

QC value within specified limits.

Element: Hg Seq. No.: 46 AS Loc.: 40 Date: 09/28/1999
Sample ID: 992527T-6

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00169	0.0000	0.0027	0.0004	02:12:36	No
2	0.00000	0.00013	0.0000	0.0025	0.0004	02:13:10	No
Mean:	0.00000	-0.00078	0.0000				
SD :	0.000001	0.001289	0.0000				
%RSD:	165.8	165.8	165.7929				

Element: Hg Seq. No.: 47 AS Loc.: 41 Date: 09/28/1999
Sample ID: 992527T-7

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00213	0.0000	0.0027	0.0005	02:14:25	No
2	0.00000	0.00062	0.0000	0.0027	0.0004	02:14:57	No
Mean:	0.00000	0.00137	0.0000				
SD :	0.000001	0.001074	0.0000				
%RSD:	78.1	78.1	78.1347				

Element: Hg Seq. No.: 48 AS Loc.: 42 Date: 09/28/1999
Sample ID: 992527T-8

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00019	0.0000	0.0025	0.0004	02:16:12	No
2	0.00000	-0.00399	0.0000	0.0019	0.0004	02:16:44	No
Mean:	0.00000	-0.00209	0.0000				
SD :	0.000003	0.002689	0.0000				
%RSD:	128.5	128.5	128.4822				

Element: Hg Seq. No.: 49 AS Loc.: 43 Date: 09/28/1999
Sample ID: 992527T-9

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

C30069

1	0.00000	-0.00019	0.0000	0.0026	0.0004	02:17:59	No
2	0.00000	0.00181	0.0000	0.0027	0.0005	02:18:32	No
Mean:	0.00000	0.00081	0.0000				
SD :	0.000001	0.001415	0.0000				
%RSD:	174.9	174.9	174.8752				

Element: Hg Seq. No.: 50 AS Loc.: 44 Date: 09/28/1999
Sample ID: 992527T-10

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00499	0.0001	0.0029	0.0005	02:19:47	No
2	0.00000	0.00331	0.0000	0.0029	0.0005	02:20:19	No
Mean:	0.00000	0.00415	0.0001				
SD :	0.000001	0.001189	0.0000				
%RSD:	28.6	28.6	28.6402				

Element: Hg Seq. No.: 51 AS Loc.: 45 Date: 09/28/1999
Sample ID: 992527T-11

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00253	0.0000	0.0023	0.0004	02:21:36	No
2	0.00000	0.00080	0.0000	0.0027	0.0004	02:22:08	No
Mean:	0.00000	-0.00086	0.0000				
SD :	0.000002	0.002357	0.0000				
%RSD:	272.8	272.8	272.8161				

Element: Hg Seq. No.: 52 AS Loc.: 46 Date: 09/28/1999
Sample ID: 992527T-12

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00133	0.0000	0.0025	0.0005	02:23:25	No
2	0.00000	0.00309	0.0000	0.0027	0.0005	02:23:57	No
Mean:	0.00000	0.00221	0.0000				
SD :	0.000001	0.001244	0.0000				
%RSD:	56.4	56.4	56.3822				

Element: Hg Seq. No.: 53 AS Loc.: 47 Date: 09/28/1999
Sample ID: 992527T-13

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00317	0.0000	0.0028	0.0005	02:25:13	No
2	0.00000	0.00274	0.0000	0.0026	0.0005	02:25:45	No
Mean:	0.00000	0.00295	0.0000				
SD :	0.000000	0.000308	0.0000				
%RSD:	10.4	10.4	10.4202				

Element: Hg Seq. No.: 54 AS Loc.: 48 Date: 09/28/1999
Sample ID: 992527T-14

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00388	0.0000	0.0027	0.0005	02:27:03	No
2	0.00000	-0.00014	0.0000	0.0022	0.0004	02:27:35	No
Mean:	0.00000	0.00187	0.0000				

C30071

SD : 0.000003 0.002845 0.0000
%RSD: 152.1 152.1 152.0521

Element: Hg Seq. No.: 55 AS Loc.: 49 Date: 09/28/1999
Sample ID: 992527T-15

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00140	0.0000	0.0022	0.0004	02:28:54	No
2	0.00000	0.00125	0.0000	0.0024	0.0005	02:29:26	No
Mean:	0.00000	-0.00007	0.0000				
SD :	0.000002	0.001867	0.0000				
%RSD:	2495.1	2495.1	2495.0530				

Element: Hg Seq. No.: 56 AS Loc.: 8 Date: 09/28/1999
Sample ID: CCV 9909140

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00528	5.2834	0.0640	0.4168	0.0645	02:30:47	No
2	0.00525	5.2532	0.0637	0.4096	0.0641	02:31:20	No
Mean:	0.00527	5.2683	0.0639				
SD :	0.000021	0.021308	0.0003				
%RSD:	0.4	0.4	0.4045				

QC value within specified limits.

Element: Hg Seq. No.: 57 AS Loc.: 1 Date: 09/28/1999
Sample ID: CCB

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00026	0.0000	0.0023	0.0004	02:32:39	No
2	0.00000	0.00204	0.0000	0.0029	0.0005	02:33:12	No
Mean:	0.00000	0.00089	0.0000				
SD :	0.000002	0.001629	0.0000				
%RSD:	183.5	183.5	183.4607				

QC value within specified limits.

Element: Hg Seq. No.: 58 AS Loc.: 50 Date: 09/28/1999
Sample ID: 992527T-16

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00404	0.0000	0.0031	0.0005	02:34:29	No
2	0.00000	-0.00033	0.0000	0.0025	0.0004	02:35:01	No
Mean:	0.00000	0.00185	0.0000				
SD :	0.000003	0.003091	0.0000				
%RSD:	166.8	166.8	166.8142				

Element: Hg Seq. No.: 59 AS Loc.: 51 Date: 09/28/1999
Sample ID: 992527T-17

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00001	0.01058	0.0001	0.0033	0.0006	02:36:20	No
2	0.00001	0.00643	0.0001	0.0030	0.0005	02:36:52	No
Mean:	0.00001	0.00851	0.0001				
SD :	0.000003	0.002932	0.0000				

000073

%RSD: 34.5 34.5 34.4620

Element: Hg Seq. No.: 60 AS Loc.: 52 Date: 09/28/1999
Sample ID: 992528T-1

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00105	0.0000	0.0025	0.0004	02:38:12	No
2	0.00000	0.00025	0.0000	0.0022	0.0004	02:38:44	No
Mean:	0.00000	-0.00040	0.0000				
SD :	0.000001	0.000917	0.0000				
%RSD:	227.9	227.9	227.8873				

Element: Hg Seq. No.: 61 AS Loc.: 53 Date: 09/28/1999
Sample ID: 992529T-1

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00158	0.0000	0.0021	0.0004	02:40:05	No
2	0.00000	-0.00078	0.0000	0.0024	0.0004	02:40:37	No
Mean:	0.00000	-0.00118	0.0000				
SD :	0.000001	0.000565	0.0000				
%RSD:	47.8	47.8	47.7870				

Element: Hg Seq. No.: 62 AS Loc.: 54 Date: 09/28/1999
Sample ID: 992542T-1

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00044	0.44110	0.0053	0.0382	0.0058	02:41:58	No
2	0.00044	0.44120	0.0053	0.0380	0.0058	02:42:30	No
Mean:	0.00044	0.44115	0.0053				
SD :	0.000000	0.000069	0.0000				
%RSD:							

Element: Hg Seq. No.: 63 AS Loc.: 55 Date: 09/28/1999
Sample ID: 992542T-1 MS

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00196	1.9562	0.0237	0.1586	0.0241	02:43:46	No
2	0.00193	1.9331	0.0234	0.1559	0.0239	02:44:19	No
Mean:	0.00194	1.9447	0.0236				
SD :	0.000016	0.016347	0.0002				
%RSD:	0.8	0.8	0.8406				

Element: Hg Seq. No.: 64 AS Loc.: 56 Date: 09/28/1999
Sample ID: 992542T-1 MSD

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00189	1.8896	0.0229	0.1550	0.0233	02:45:32	No
2	0.00187	1.8749	0.0227	0.1532	0.0232	02:46:05	No
Mean:	0.00188	1.8823	0.0228				
SD :	0.000010	0.010420	0.0001				
%RSD:	0.6	0.6	0.5536				

Element: Hg Seq. No.: 65 AS Loc.: 57 Date: 09/28/1999
Sample ID: 992542T-1 PDS

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00179	1.7860	0.0217	0.1480	0.0221	02:47:20	No
2	0.00178	1.7812	0.0216	0.1464	0.0220	02:47:52	No
Mean:	0.00178	1.7840	0.0216				
SD :	0.000004	0.003918	0.0000				
%RSD:	0.2	0.2	0.2196				

Element: Hg Seq. No.: 66 AS Loc.: 58 Date: 09/28/1999
Sample ID: MB 0927 B

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00236	0.0000	0.0024	0.0004	02:49:06	No
2	0.00000	-0.00129	0.0000	0.0025	0.0004	02:49:38	No
Mean:	0.00000	-0.00183	0.0000				
SD :	0.000001	0.000755	0.0000				
%RSD:	41.3	41.3	41.3496				

Element: Hg Seq. No.: 67 AS Loc.: 59 Date: 09/28/1999
Sample ID: SB 990924H

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00208	2.0762	0.0252	0.1673	0.0256	02:50:53	No
2	0.00206	2.0616	0.0250	0.1651	0.0254	02:51:25	No
Mean:	0.00207	2.0689	0.0251				
SD :	0.000010	0.010316	0.0001				
%RSD:	0.5	0.5	0.4986				

Element: Hg Seq. No.: 68 AS Loc.: 8 Date: 09/28/1999
Sample ID: CCV 9909140

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00528	5.2750	0.0629	0.4221	0.0644	02:52:44	No
2	0.00525	5.2546	0.0637	0.4159	0.0641	02:53:16	No
Mean:	0.00527	5.2652	0.0638				
SD :	0.000015	0.014973	0.0002				
%RSD:	0.3	0.3	0.2844				

QC value within specified limits.

Element: Hg Seq. No.: 69 AS Loc.: 1 Date: 09/28/1999
Sample ID: CCB

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00372	0.0000	0.0021	0.0004	02:54:35	No
2	0.00000	-0.00125	0.0000	0.0026	0.0004	02:55:07	No
Mean:	0.00000	-0.00249	0.0000				
SD :	0.000002	0.001749	0.0000				
%RSD:	70.3	70.3	70.3056				

QC value within specified limits.

Element: Hg Seq. No.: 70 AS Loc.: 60 Date: 09/28/1999

Sample ID: 992526T-3

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00077	0.0000	0.0027	0.0004	02:56:24	No
2	0.00000	0.00320	0.0000	0.0031	0.0005	02:56:56	No
Mean:	0.00000	0.00198	0.0000				
SD :	0.000002	0.001720	0.0000				
%RSD:	86.7	86.7	86.6738				

Element: Hg Seq. No.: 71 AS Loc.: 61 Date: 09/28/1999
Sample ID: 992526T-3 MS

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00208	2.0833	0.0252	0.1700	0.0257	02:58:13	No
2	0.00207	2.0711	0.0251	0.1670	0.0255	02:58:45	No
Mean:	0.00208	2.0772	0.0252				
SD :	0.000009	0.008630	0.0001				
%RSD:	0.4	0.4	0.4154				

Element: Hg Seq. No.: 72 AS Loc.: 62 Date: 09/28/1999
Sample ID: 992526T-3 MSD

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00212	2.1239	0.0257	0.1728	0.0262	03:00:02	No
2	0.00210	2.1019	0.0255	0.1693	0.0259	03:00:34	No
Mean:	0.00211	2.1129	0.0256				
SD :	0.000016	0.015545	0.0002				
%RSD:	0.7	0.7	0.7357				

Element: Hg Seq. No.: 73 AS Loc.: 63 Date: 09/28/1999
Sample ID: 992526T-3 PDS

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00206	2.0624	0.0250	0.1667	0.0254	03:01:51	No
2	0.00201	2.0137	0.0244	0.1608	0.0248	03:02:24	No
Mean:	0.00204	2.0380	0.0247				
SD :	0.000034	0.034390	0.0004				
%RSD:	1.7	1.7	1.6874				

Element: Hg Seq. No.: 74 AS Loc.: 64 Date: 09/28/1999
Sample ID: 992526T-4

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00070	0.0000	0.0027	0.0004	03:03:43	No
2	0.00000	0.00189	0.0000	0.0027	0.0005	03:04:15	No
Mean:	0.00000	0.00130	0.0000				
SD :	0.000001	0.000836	0.0000				
%RSD:	64.5	64.5	64.5385				

Element: Hg Seq. No.: 75 AS Loc.: 65 Date: 09/28/1999
Sample ID: 992526T-7

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

640030

#	mg/L	µg/L	Signal	Area	Height		Stored
1	0.00000	0.00081	0.0000	0.0027	0.0004	03:05:34	No
2	0.00000	0.00144	0.0000	0.0026	0.0005	03:06:06	No
Mean:	0.00000	0.00112	0.0000				
SD :	0.000000	0.000444	0.0000				
%RSD:	39.5	39.5	39.4586				

Element: Hg Seq. No.: 76 AS Loc.: 66 Date: 09/28/1999
Sample ID: 992548T-3

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00160	0.0000	0.0028	0.0005	03:07:25	No
2	0.00000	0.00312	0.0000	0.0033	0.0005	03:07:57	No
Mean:	0.00000	0.00236	0.0000				
SD :	0.000001	0.001075	0.0000				
%RSD:	45.6	45.6	45.6444				

Element: Hg Seq. No.: 77 AS Loc.: 67 Date: 09/28/1999
Sample ID: 992539T-1

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00307	0.0000	0.0024	0.0004	03:09:15	No
2	0.00000	-0.00061	0.0000	0.0030	0.0004	03:09:48	No
Mean:	0.00000	-0.00184	0.0000				
SD :	0.000002	0.001744	0.0000				
%RSD:	94.8	94.8	94.7699				

Element: Hg Seq. No.: 78 AS Loc.: 68 Date: 09/28/1999
Sample ID: 992539T-2

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00350	0.0000	0.0032	0.0005	03:11:07	No
2	0.00000	-0.00067	0.0000	0.0027	0.0004	03:11:39	No
Mean:	0.00000	0.00142	0.0000				
SD :	0.000003	0.002951	0.0000				
%RSD:	208.3	208.3	208.2682				

Element: Hg Seq. No.: 79 AS Loc.: 69 Date: 09/28/1999
Sample ID: 992539T-3

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00122	0.0000	0.0029	0.0004	03:13:00	No
2	0.00000	0.00095	0.0000	0.0029	0.0004	03:13:32	No
Mean:	0.00000	0.00109	0.0000				
SD :	0.000000	0.000193	0.0000				
%RSD:	17.7	17.7	17.7079				

Element: Hg Seq. No.: 80 AS Loc.: 8 Date: 09/28/1999
Sample ID: CCV 9909140

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00527	5.2726	0.0639	0.4276	0.0643	03:14:53	No
2	0.00532	5.3184	0.0645	0.4265	0.0649	03:15:25	No

CC0081

Mean:	0.00530	5.2955	0.0642
SD :	0.000032	0.032431	0.0004
%RSD:	0.6	0.6	0.6124

QC value within specified limits.

Element: Hg Seq. No.: 81 AS Loc.: 1 Date: 09/28/1999
Sample ID: CCB

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.00001	-0.00632	-0.0001	0.0019	0.0004	03:16:46	No
2	0.00000	-0.00415	-0.0001	0.0024	0.0004	03:17:18	No
Mean:	-0.00000	-0.00524	-0.0001				
SD :	0.000002	0.001539	0.0000				
%RSD:	29.4	29.4	29.3896				

QC value within specified limits.

Element: Hg Seq. No.: 82 AS Loc.: 70 Date: 09/28/1999
Sample ID: 992539T-4

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00100	0.0000	0.0020	0.0004	03:18:37	No
2	0.00000	-0.00352	0.0000	0.0022	0.0004	03:19:09	No
Mean:	0.00000	-0.00226	0.0000				
SD :	0.000002	0.001782	0.0000				
%RSD:	78.7	78.7	78.6989				

Element: Hg Seq. No.: 83 AS Loc.: 71 Date: 09/28/1999
Sample ID: 992539T-5

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00478	-0.0001	0.0024	0.0004	03:20:26	No
2	-0.00001	-0.00725	-0.0001	0.0018	0.0003	03:20:58	No
Mean:	-0.00001	-0.00601	-0.0001				
SD :	0.000002	0.001753	0.0000				
%RSD:	29.1	29.1	29.1407				

Element: Hg Seq. No.: 84 AS Loc.: 72 Date: 09/28/1999
Sample ID: 992573T-1

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.00001	-0.00556	-0.0001	0.0022	0.0004	03:22:12	No
2	0.00000	-0.00043	0.0000	0.0025	0.0004	03:22:44	No
Mean:	0.00000	-0.00299	0.0000				
SD :	0.000004	0.003631	0.0000				
%RSD:	121.3	121.3	121.3263				

Element: Hg Seq. No.: 85 AS Loc.: 73 Date: 09/28/1999
Sample ID: 992573T-2

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00115	0.0000	0.0022	0.0004	03:23:58	No
2	0.00000	0.00239	0.0000	0.0028	0.0005	03:24:31	No
Mean:	0.00000	0.00062	0.0000				

SD :	0.000003	0.002506	0.0000
%RSD:	405.0	405.0	405.0340

Element: Hg Seq. No.: 86 AS Loc.: 74 Date: 09/28/1999
Sample ID: 992573T-3

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00001	0.01110	0.0001	0.0037	0.0006	03:25:45	No
2	0.00001	0.00681	0.0001	0.0034	0.0005	03:26:17	No
Mean:	0.00001	0.00896	0.0001				
SD :	0.000003	0.003029	0.0000				
%RSD:	33.8	33.8	33.8274				

Element: Hg Seq. No.: 87 AS Loc.: 75 Date: 09/28/1999
Sample ID: 992573T-4

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00360	0.0000	0.0033	0.0005	03:27:32	No
2	0.00000	0.00163	0.0000	0.0028	0.0005	03:28:04	No
Mean:	0.00000	0.00262	0.0000				
SD :	0.000001	0.001395	0.0000				
%RSD:	53.3	53.3	53.3366				

Element: Hg Seq. No.: 88 AS Loc.: 76 Date: 09/28/1999
Sample ID: 992573T-5

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00168	0.0000	0.0025	0.0004	03:29:19	No
2	0.00000	-0.00168	0.0000	0.0025	0.0004	03:29:52	No
Mean:	0.00000	-0.00168	0.0000				
SD :	0.000000	0.000000	0.0000				
%RSD:							

Element: Hg Seq. No.: 89 AS Loc.: 77 Date: 09/28/1999
Sample ID: 992573T-6

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00318	0.0000	0.0022	0.0004	03:31:09	No
2	0.00000	-0.00124	0.0000	0.0028	0.0004	03:31:42	No
Mean:	0.00000	-0.00221	0.0000				
SD :	0.000001	0.001374	0.0000				
%RSD:	62.2	62.2	62.1960				

Element: Hg Seq. No.: 90 AS Loc.: 78 Date: 09/28/1999
Sample ID: 992573T-7

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.00001	-0.00540	-0.0001	0.0023	0.0004	03:32:58	No
2	-0.00001	-0.00902	-0.0001	0.0014	0.0003	03:33:31	No
Mean:	-0.00001	-0.00721	-0.0001				
SD :	0.000003	0.002556	0.0000				
%RSD:	35.5	35.5	35.4537				

CC0085

Element: Hg Seq. No.: 91 AS Loc.: 79 Date: 09/28/1999
Sample ID: 992573T-8

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00339	0.0000	0.0034	0.0005	03:34:48	No
2	0.00000	0.00368	0.0000	0.0032	0.0005	03:35:20	No
Mean:	0.00000	0.00353	0.0000				
SD :	0.000000	0.000210	0.0000				
%RSD:	5.9	5.9	5.9310				

Element: Hg Seq. No.: 92 AS Loc.: 8 Date: 09/28/1999
Sample ID: CCV 9909140

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00544	5.4440	0.0660	0.4411	0.0664	03:36:40	No
2	0.00540	5.3951	0.0654	0.4346	0.0658	03:37:12	No
Mean:	0.00542	5.4195	0.0657				
SD :	0.000035	0.034593	0.0004				
%RSD:	0.6	0.6	0.6383				

QC value within specified limits.

Element: Hg Seq. No.: 93 AS Loc.: 1 Date: 09/28/1999
Sample ID: CCB

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.00001	-0.00652	-0.0001	0.0021	0.0004	03:38:31	No
2	0.00000	-0.00384	0.0000	0.0022	0.0004	03:39:03	No
Mean:	-0.00001	-0.00518	-0.0001				
SD :	0.000002	0.001892	0.0000				
%RSD:	36.5	36.5	36.5390				

QC value within specified limits.

Element: Hg Seq. No.: 94 AS Loc.: 80 Date: 09/28/1999
Sample ID: 992573T-9

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00236	0.0000	0.0024	0.0004	03:40:18	No
2	0.00000	-0.00268	0.0000	0.0022	0.0004	03:40:50	No
Mean:	0.00000	-0.00252	0.0000				
SD :	0.000000	0.000224	0.0000				
%RSD:	8.9	8.9	8.9079				

Element: Hg Seq. No.: 95 AS Loc.: 81 Date: 09/28/1999
Sample ID: 992573T-10

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	-0.00075	0.0000	0.0026	0.0004	03:42:09	No
2	0.00000	-0.00026	0.0000	0.0026	0.0004	03:42:41	No
Mean:	0.00000	-0.00050	0.0000				
SD :	0.000000	0.000348	0.0000				
%RSD:	69.3	69.3	69.3350				

CCC087

Element: Hg Seq. No.: 96 AS Loc.: 82 Date: 09/28/1999
Sample ID: MB 0927 C

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00000	0.00304	0.0000	0.0029	0.0005	03:44:01	No
2	0.00000	0.00298	0.0000	0.0032	0.0005	03:44:34	No
Mean:	0.00000	0.00301	0.0000				
SD :	0.000000	0.000045	0.0000				
%RSD:	1.5	1.5	1.5033				

Element: Hg Seq. No.: 97 AS Loc.: 83 Date: 09/28/1999
Sample ID: SB 990924H

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00207	2.0724	0.0251	0.1713	0.0256	03:45:52	No
2	0.00208	2.0754	0.0252	0.1696	0.0256	03:46:25	No
Mean:	0.00207	2.0739	0.0251				
SD :	0.000002	0.002072	0.0000				
%RSD:							

Element: Hg Seq. No.: 98 AS Loc.: 84 Date: 09/28/1999
Sample ID: 992570T-1

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.01069	10.685	0.1295	0.0732	0.1299	03:47:44	No
2	0.01057	10.570	0.1281	0.8576	0.1285	03:48:16	No
Mean:	0.01063	10.627	0.1288				
SD :	0.000082	0.081845	0.0010				
%RSD:	0.8	0.8	0.7701				

Element: Hg Seq. No.: 99 AS Loc.: 85 Date: 09/28/1999
Sample ID: 992570T-1 MS

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.01256	12.562	0.1523	1.0293	0.1527	03:49:35	No
Sample absorbance is greater than that of the highest standard.							
2	0.01253	12.530	0.1519	1.0166	0.1523	03:50:07	No
Sample absorbance is greater than that of the highest standard.							
Mean:	0.01255	12.546	0.1521				
SD :	0.000023	0.022794	0.0003				
%RSD:	0.2	0.2	0.1817				
Sample absorbance is greater than that of the highest standard.							

Element: Hg Seq. No.: 100 AS Loc.: 86 Date: 09/28/1999
Sample ID: 992570T-1 MSD

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.01257	12.574	0.1524	1.0326	0.1528	03:51:24	No
Sample absorbance is greater than that of the highest standard.							
2	0.01252	12.520	0.1517	1.0143	0.1522	03:51:56	No
Sample absorbance is greater than that of the highest standard.							
Mean:	0.01255	12.547	0.1521				
SD :	0.000038	0.038205	0.0005				
%RSD:	0.3	0.3	0.3045				

680089

Sample absorbance is greater than that of the highest standard.

Element: Hg Seq. No.: 101 AS Loc.: 87 Date: 09/28/1999
Sample ID: 992570T-1 PDS

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.01291	12.969	0.1565	1.0462	0.1569	03:53:11	No
Sample absorbance is greater than that of the highest standard.							
2	0.01288	12.803	0.1561	1.0330	0.1566	03:53:43	No
Sample absorbance is greater than that of the highest standard.							
Mean:	0.01290	12.886	0.1563				
SD :	0.000019	0.018662	0.0002				
%RSD:	0.1	0.1	0.1447				

Sample absorbance is greater than that of the highest standard.

Element: Hg Seq. No.: 102 AS Loc.: 88 Date: 09/28/1999
Sample ID: MB 0927 D

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.00001	-0.00586	-0.0001	0.0016	0.0004	03:54:57	No
2	0.00000	0.00056	0.0000	0.0023	0.0004	03:55:29	No
Mean:	0.00000	-0.00265	0.0000				
SD :	0.000005	0.004543	0.0001				
%RSD:	171.3	171.3	171.3325				

Element: Hg Seq. No.: 103 AS Loc.: 89 Date: 09/28/1999
Sample ID: SB 990924H

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00216	2.1630	0.0262	0.1753	0.0266	03:56:44	No
2	0.00213	2.1276	0.0258	0.1723	0.0262	03:57:16	No
Mean:	0.00215	2.1453	0.0260				
SD :	0.000025	0.025044	0.0003				
%RSD:	1.2	1.2	1.1674				

Element: Hg Seq. No.: 104 AS Loc.: 9 Date: 09/28/1999
Sample ID: CCV 990914O

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00533	5.3294	0.0646	0.4367	0.0650	03:58:35	No
2	0.00520	5.2037	0.0631	0.4217	0.0635	03:59:08	No
Mean:	0.00527	5.2665	0.0638				
SD :	0.000089	0.088903	0.0011				
%RSD:	1.7	1.7	1.6881				

QC value within specified limits.

Element: Hg Seq. No.: 105 AS Loc.: 1 Date: 09/28/1999
Sample ID: CCB

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.00001	-0.00616	-0.0001	0.0018	0.0004	04:00:28	No
2	-0.00001	-0.00654	-0.0001	0.0020	0.0004	04:01:00	No
Mean:	-0.00001	-0.00635	-0.0001				

SD : 0.000000 0.000268 0.0000
%RSD: 4.2 4.2 4.2188
QC value within specified limits.

Element: Hg Seq. No.: 106 AS Loc.: 90 Date: 09/28/1999
Sample ID: 992247D-6

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.03544	35.442	0.4296	2.9917	0.4300	04:02:16	No
Sample absorbance is greater than that of the highest standard.							
2	0.03507	35.068	0.4250	2.9364	0.4254	04:02:49	No
Sample absorbance is greater than that of the highest standard.							
Mean:	0.03525	35.255	0.4273				
SD :	0.000265	0.26495	0.0032				
%RSD:	0.8	0.8	0.7515				
Sample absorbance is greater than that of the highest standard.							

Element: Hg Seq. No.: 107 AS Loc.: 91 Date: 09/28/1999
Sample ID: 992247D-6 MS

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.03664	36.644	0.4441	3.0917	0.4446	04:04:04	No
Sample absorbance is greater than that of the highest standard.							
2	0.03658	36.581	0.4433	3.0644	0.4438	04:04:36	No
Sample absorbance is greater than that of the highest standard.							
Mean:	0.03661	36.612	0.4437				
SD :	0.000045	0.044930	0.0005				
%RSD:	0.1	0.1	0.1227				
Sample absorbance is greater than that of the highest standard.							

Element: Hg Seq. No.: 108 AS Loc.: 92 Date: 09/28/1999
Sample ID: 992247D-6 MSD

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.03723	37.227	0.4512	3.1437	0.4516	04:05:50	No
Sample absorbance is greater than that of the highest standard.							
2	0.03676	36.757	0.4455	3.0772	0.4459	04:06:23	No
Sample absorbance is greater than that of the highest standard.							
Mean:	0.03699	36.992	0.4483				
SD :	0.000332	0.33223	0.0040				
%RSD:	0.9	0.9	0.8981				
Sample absorbance is greater than that of the highest standard.							

Element: Hg Seq. No.: 109 AS Loc.: 93 Date: 09/28/1999
Sample ID: 992247D-6 PDS

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.03713	37.129	0.4500	3.1266	0.4504	04:07:38	No
Sample absorbance is greater than that of the highest standard.							
2	0.03669	36.685	0.4446	3.0682	0.4450	04:08:11	No
Sample absorbance is greater than that of the highest standard.							
Mean:	0.03691	36.907	0.4473				
SD :	0.000314	0.31405	0.0038				
%RSD:	0.9	0.9	0.8509				
Sample absorbance is greater than that of the highest standard.							

Element: Hg Seq. No.: 110 AS Loc.: 8 Date: 09/28/1999
Sample ID: CCV 9909140

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00535	5.3505	0.0648	0.4344	0.0653	04:09:30	No
2	0.00536	5.3606	0.0650	0.4311	0.0654	04:10:03	No
Mean:	0.00536	5.3556	0.0649				
SD :	0.000007	0.007025	0.0001				
%RSD:	0.1	0.1	0.1312				

QC value within specified limits.

Element: Hg Seq. No.: 111 AS Loc.: 1 Date: 09/28/1999
Sample ID: CCB

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.00001	-0.00715	-0.0001	0.0019	0.0003	04:11:22	No
2	-0.00001	-0.00669	-0.0001	0.0016	0.0004	04:11:54	No
Mean:	-0.00001	-0.00692	-0.0001				
SD :	0.000000	0.000322	0.0000				
%RSD:	4.7	4.7	4.6524				

QC value within specified limits.

660095

Element: Hg Seq. No.: 1 AS Loc.: 8 Date: 09/28/1999
Sample ID: CCV 9909140

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

Element: Hg Seq. No.: 1 AS Loc.: 8 Date: 09/28/1999
Sample ID: CCV 9909140

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00539	5.3924	0.0654	0.4412	0.0658	04:33:53	No
2	0.00538	5.3793	0.0652	0.4362	0.0656	04:34:25	No
Mean:	0.00539	5.3858	0.0653				
SD :	0.000009	0.009263	0.0001				
%RSD:	0.2	0.2	0.1720				

QC value within specified limits.

Element: Hg Seq. No.: 2 AS Loc.: 1 Date: 09/28/1999
Sample ID: CCB

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.00001	-0.00823	-0.0001	0.0019	0.0003	04:35:44	No
2	-0.00001	-0.00617	-0.0001	0.0022	0.0004	04:36:17	No
Mean:	-0.00001	-0.00720	-0.0001				
SD :	0.000001	0.001458	0.0000				
%RSD:	20.3	20.3	20.2652				

QC value within specified limits.

Element: Hg Seq. No.: 3 AS Loc.: 94 Date: 09/28/1999
Sample ID: 992522S-2

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00805	8.0547	0.0976	0.6648	0.0981	04:37:33	No
2	0.00797	7.9727	0.0966	0.6532	0.0971	04:38:06	No
Mean:	0.00801	8.0137	0.0971				
SD :	0.000058	0.057998	0.0007				
%RSD:	0.7	0.7	0.7237				

Element: Hg Seq. No.: 4 AS Loc.: 95 Date: 09/28/1999
Sample ID: 992524S-1 20X

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00295	2.9513	0.0358	0.2427	0.0362	04:39:22	No
2	0.00294	2.9381	0.0356	0.2402	0.0360	04:39:54	No
Mean:	0.00294	2.9447	0.0357				
SD :	0.000009	0.009327	0.0001				
%RSD:	0.3	0.3	0.3167				

Element: Hg Seq. No.: 5 AS Loc.: 96 Date: 09/28/1999
Sample ID: 992247D-6 10X

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00452	4.5192	0.0548	0.3655	0.0552	04:41:12	No
2	0.00446	4.4636	0.0541	0.3595	0.0545	04:41:44	No

Mean:	0.00449	4.4914	0.0044			
SD :	0.000039	0.039286	0.0005			
%RSD:	0.9	0.9	0.8747			

Element: Hg Seq. No.: 6 AS Loc.: 97 Date: 09/28/1999
Sample ID: 992247D-6 PDS 10X

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00679	6.7861	0.0822	0.5477	0.0827	04:43:03	No
2	0.00675	6.7532	0.0818	0.5407	0.0823	04:43:35	No
Mean:	0.00677	6.7696	0.0820				
SD :	0.000023	0.023264	0.0003				
%RSD:	0.3	0.3	0.3437				

Element: Hg Seq. No.: 7 AS Loc.: 90 Date: 09/28/1999
Sample ID: 992426T-1 1000X

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00283	2.8294	0.0343	0.2315	0.0347	04:44:54	No
2	0.00282	2.8174	0.0341	0.2282	0.0346	04:45:26	No
Mean:	0.00282	2.8234	0.0342				
SD :	0.000008	0.008456	0.0001				
%RSD:	0.3	0.3	0.2995				

Element: Hg Seq. No.: 8 AS Loc.: 8 Date: 09/28/1999
Sample ID: CCV 9909140

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00558	5.5837	0.0677	0.4499	0.0681	04:46:47	No
2	0.00557	5.5714	0.0675	0.4430	0.0680	04:47:20	No
Mean:	0.00558	5.5776	0.0676				
SD :	0.000009	0.008696	0.0001				
%RSD:	0.2	0.2	0.1559				

QC failed, value greater than upper limit for Hg.

Element: Hg Seq. No.: 9 AS Loc.: 8 Date: 09/28/1999
Sample ID: CCV 9909140

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00549	5.4866	0.0665	0.4444	0.0669	04:48:42	No
2	0.00540	5.3982	0.0654	0.4353	0.0659	04:49:14	No
Mean:	0.00544	5.4424	0.0660				
SD :	0.000063	0.062548	0.0008				
%RSD:	1.1	1.1	1.1493				

QC value within specified limits.

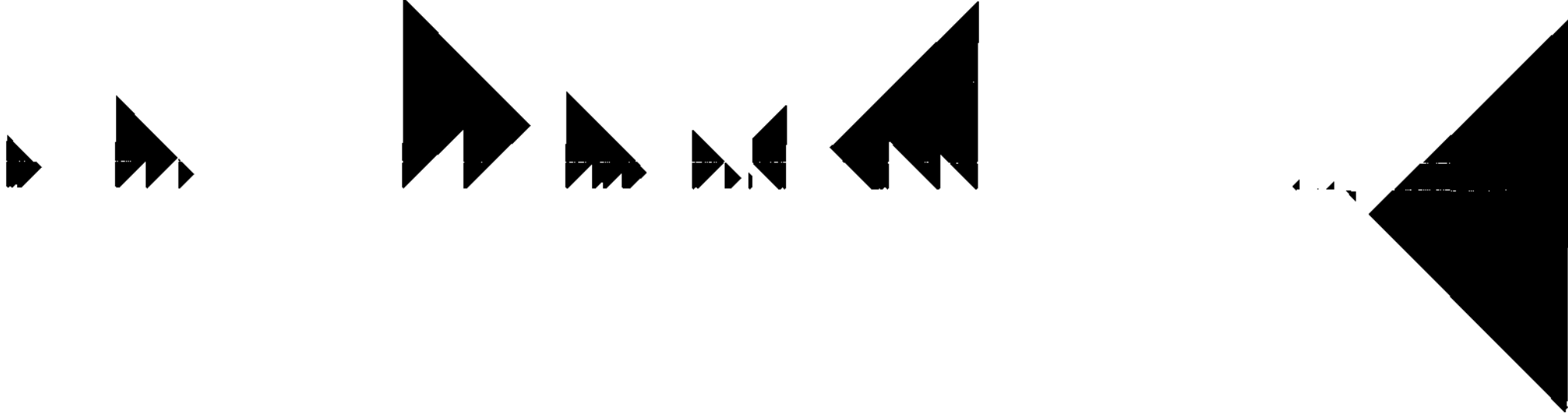
Element: Hg Seq. No.: 10 AS Loc.: 1 Date: 09/28/1999
Sample ID: CCB

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.00001	-0.01276	-0.0002	0.0015	0.0003	04:50:33	No
2	-0.00001	-0.00857	-0.0001	0.0021	0.0003	04:51:05	No
Mean:	-0.00001	-0.01067	-0.0001				

SD :	0.000003	0.002961	0.0000
%RSD:	27.8	27.8	27.7568

QC value within specified limits.

C00063



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CORE LABORATORIES

TJA ICP 61E RUN LOG
Instrument ID #61E/#225390

SOP HC-ATM-E047 CLP ICP-AES — Date 9/24/99 — Analyst Underdeel
EPA Method Reference 600/200.7 — Run Start Time 1042 — Run End Time
Calibration Std. ID T-0 9909240 — T-1 990803K(10x) — T-2 990719L(5x) — T-3 990719M
Calibration Std. ID T-4 990719D(10x) — T-5 9909240
Spike Solution ID S-1 990711 — S-2 990806R — S-3 — S-4

NOTE: Values on ICP raw data instrument printout are in units of mg/L.

Sample ID	Dilution Factor	Data Flag Required	Comments
LLA 990711D	10x		
9909240			
990803K	10x		
990719L	5x		
990719M			
ICV 9909241	60		B, Be, Co, Mg, Tl
ICB 9909243			
ISA 990806L			
ISB 990806M			
CCV 990720R2			
MB 51741			
SB 990911MS			
992476T-5			TRetec
5MS			
5MSD			
6			
6SD			
CCV			
CCB			
992477T-7			
8			
9			
10			
11			
12			
13			
13MS			
13MSD			
14			
CCV			
CCB			
992478T-15			
MB 51825			
SB 990911MS			
992526T-3			TRetec
4			
7			

Sample ID	Dilution Factor	Data Flag Required	Comments
992526T-7MS			
7MSD			
992548T-B			T-Retec
3SD			
992475D-6			
6SD			
CCV			
CCB			
992475D-5			
5.005			
5SD			
7			
8			
9			
10			
11			
12			
13			
CCV			
CCB			
992475D-14			
15			
ISA 990806L			
ISB			
CCV 990720R2			
CCB			
992373D-1			
ISA 990806L			
ISB 990806M			
MC 9/24/99			
CCV			
CCB			
SGK	AES		
	ACM		

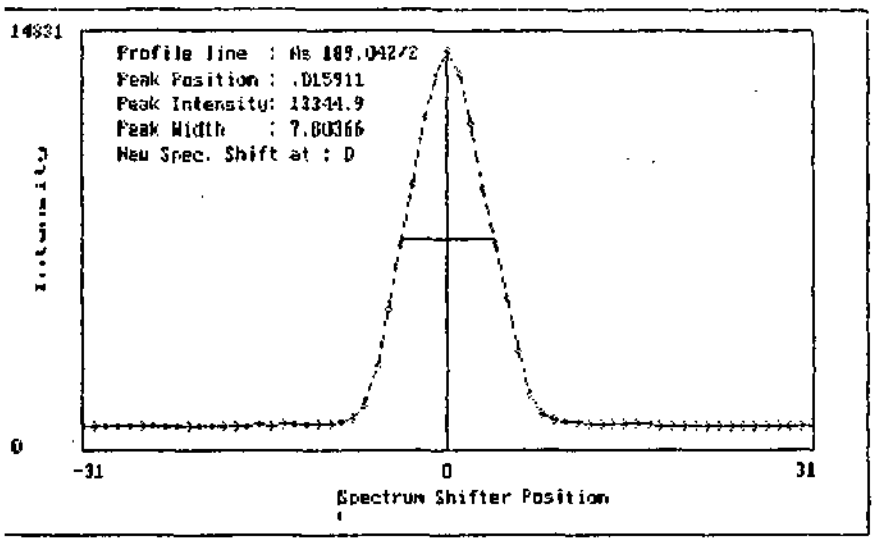
NOTE: Continued on back of page.

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	lra 990719n	990921	WENSNEW	09/24/99	10:42		Q	CONC
2	lra 990924o	990921	WENSNEW	09/24/99	10:46		Q	CONC
3	lra 990803k	990921	WENSNEW	09/24/99	10:49		Q	CONC
4	lra 9907191	990921	WENSNEW	09/24/99	10:53		Q	CONC
5	lra 990719m	990921	WENSNEW	09/24/99	10:59		Q	CONC
6	ICV 990924I	990921	WENSNEW	09/24/99	11:04	LMT	Q	CONC
7	ICB 990924B	990921	WENSNEW	09/24/99	11:09	LMT	B	CONC
8	ISA 990806L	990921	WENSNEW	09/24/99	11:13	LMT	Q	CONC
9	ISB 990806M	990921	WENSNEW	09/24/99	11:20	LMT	Q	CONC
10	CRI 990720ZZ	990921	WENSNEW	09/24/99	11:24	LMT	S	CONC
11	MB 51741	990921	WENSNEW	09/24/99	11:28	LMT	B	CONC
12	SB 990914S	990921	WENSNEW	09/24/99	11:31	LMT	S	CONC
13	992475T-005	990921	WENSNEW	09/24/99	11:35	LMT	S	CONC
14	992475T-005 MS	990921	WENSNEW	09/24/99	11:41	LMT	S	CONC
15	992475T-005 MSD	990921	WENSNEW	09/24/99	11:45	LMT	S	CONC
16	992475T-006	990921	WENSNEW	09/24/99	11:49	LMT	S	CONC
17	992475T-006 SD	990921	WENSNEW	09/24/99	11:53	LMT	S	CONC
18	CCV 990924I	990921	WENSNEW	09/24/99	11:57	LMT	Q	CONC
19	CCB 9909248	990921	WENSNEW	09/24/99	12:02	LMT	B	CONC
20	992475T-007	990921	WENSNEW	09/24/99	12:08	LMT	S	CONC
21	992475T-008	990921	WENSNEW	09/24/99	12:12	LMT	S	CONC
22	992475T-009	990921	WENSNEW	09/24/99	12:15	LMT	S	CONC
23	992475T-010	990921	WENSNEW	09/24/99	12:19	LMT	S	CONC
24	992475T-011	990921	WENSNEW	09/24/99	12:22	LMT	S	CONC
25	992475T-012	990921	WENSNEW	09/24/99	12:27	LMT	S	CONC
26	992475T-013	990921	WENSNEW	09/24/99	12:32	LMT	S	CONC
27	992475T-013 MS	990921	WENSNEW	09/24/99	12:36	LMT	S	CONC
28	992475T-013 MSD	990921	WENSNEW	09/24/99	12:40	LMT	S	CONC
29	992475T-014	990921	WENSNEW	09/24/99	12:43	LMT	S	CONC
30	CCV 990924I	990921	WENSNEW	09/24/99	12:47	LMT	Q	CONC
31	CCB 990924B	990921	WENSNEW	09/24/99	12:53	LMT	B	CONC
32	992475T-015	990921	WENSNEW	09/24/99	12:58	LMT	S	CONC
33	MB 51835	990921	WENSNEW	09/24/99	13:02	LMT	B	CONC
34	SB 990914S	990921	WENSNEW	09/24/99	13:06	LMT	S	CONC
35	992526T-003	990921	WENSNEW	09/24/99	13:10	LMT	S	CONC
36	992526T-004	990921	WENSNEW	09/24/99	13:14	LMT	S	CONC
37	992526T-007	990921	WENSNEW	09/24/99	13:18	LMT	S	CONC
38	992526T-007 MS	990921	WENSNEW	09/24/99	13:21	LMT	S	CONC
39	992526T-007 MSD	990921	WENSNEW	09/24/99	13:25	LMT	S	CONC
40	992548T-003	990921	WENSNEW	09/24/99	13:29	LMT	S	CONC
41	992548T-003 SD	990921	WENSNEW	09/24/99	13:36	LMT	S	CONC
42	992475D-006	990921	WENSNEW	09/24/99	13:39	LMT	S	CONC
43	992475D-006 SD	990921	WENSNEW	09/24/99	13:43	LMT	S	CONC
44	CCV 990924I	990921	WENSNEW	09/24/99	13:47	LMT	Q	CONC
45	CCB 9909248	990921	WENSNEW	09/24/99	13:53	LMT	B	CONC
46	992475D-005	990921	WENSNEW	09/24/99	13:57	LMT	S	CONC
47	992475D-005 PDS	990921	WENSNEW	09/24/99	14:01	LMT	S	CONC
48	992475T-005 PSD	990921	WENSNEW	09/24/99	14:04	LMT	S	CONC
49	992475D-007	990921	WENSNEW	09/24/99	14:08	LMT	S	CONC
50	992475D-008	990921	WENSNEW	09/24/99	14:13	LMT	S	CONC
51	992475D-009	990921	WENSNEW	09/24/99	14:17	LMT	S	CONC
52	992475D-010	990921	WENSNEW	09/24/99	14:21	LMT	S	CONC
53	992475D-011	990921	WENSNEW	09/24/99	14:25	LMT	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	992475D-012	990921	WENSNEW	09/24/99	14:31	LMT	S	CONC
55	992475D-013	990921	WENSNEW	09/24/99	14:35	LMT	S	CONC
56	CCV 990924I	990921	WENSNEW	09/24/99	14:39	LMT	Q	CONC
57	CCB 990924B	990921	WENSNEW	09/24/99	14:43	LMT	B	CONC
58	992475D-014	990921	WENSNEW	09/24/99	14:47	LMT	S	CONC
59	992475D-015	990921	WENSNEW	09/24/99	14:50	LMT	S	CONC
60	ISA 990806L	990921	WENSNEW	09/24/99	14:55	LMT	Q	CONC
61	992373D-001	990921	WENSNEW	09/24/99	15:00	LMT	S	CONC
62	ISA 990806L	990921	WENSNEW	09/24/99	15:05	LMT	Q	CONC
63	ISB 990806M	990921	WENSNEW	09/24/99	15:10	LMT	Q	CONC
64	CCV 990924I	990921	WENSNEW	09/24/99	15:21	LMT	Q	CONC
65	CCV 990924I	990921	WENSNEW	09/24/99	15:29	LMT	Q	CONC
66	CCB 990924B	990921	WENSNEW	09/24/99	15:32	LMT	B	CONC
67	MB 51837	990921	WENSNEW	09/24/99	15:44	LMT	S	CONC
68	SB 990914S	990921	WENSNEW	09/24/99	15:50	LMT	S	CONC
69	LCS 990648	990921	WENSNEW	09/24/99	15:56	LMT	S	CONC
70	992522S-001	990921	WENSNEW	09/24/99	16:01	LMT	S	CONC
71	992522S-001 SD	990921	WENSNEW	09/24/99	16:07	LMT	S	CONC
72	992522S-002	990921	WENSNEW	09/24/99	16:13	LMT	S	CONC
73	992522S-003	990921	WENSNEW	09/24/99	16:19	LMT	S	CONC
74	992522S-001	990921	WENSNEW	09/24/99	16:25	LMT	S	CONC
75	992522S-002	990921	WENSNEW	09/24/99	16:31	LMT	S	CONC
76	992522S-003	990921	WENSNEW	09/24/99	16:37	LMT	S	CONC
77	CCV 990924I	990921	WENSNEW	09/24/99	16:43	LMT	Q	CONC
78	CCB 990924B	990921	WENSNEW	09/24/99	16:49	LMT	B	CONC
79	992466S-031	990921	WENSNEW	09/24/99	16:55	LMT	S	CONC
80	992466S-032	990921	WENSNEW	09/24/99	17:01	LMT	S	CONC
81	992466S-033	990921	WENSNEW	09/24/99	17:07	LMT	S	CONC
82	992466S-034	990921	WENSNEW	09/24/99	17:13	LMT	S	CONC
83	992466S-035	990921	WENSNEW	09/24/99	17:19	LMT	S	CONC
84	992466S-036	990921	WENSNEW	09/24/99	17:25	LMT	S	CONC
85	992466S-037	990921	WENSNEW	09/24/99	17:30	LMT	S	CONC
86	992466S-037 MS	990921	WENSNEW	09/24/99	17:36	LMT	S	CONC
87	992466S-037 MSD	990921	WENSNEW	09/24/99	17:42	LMT	S	CONC
88	992466S-037 PDS	990921	WENSNEW	09/24/99	17:48	LMT	S	CONC
89	CCV 990924I	990921	WENSNEW	09/24/99	17:54	LMT	Q	CONC
90	CCB 990924B	990921	WENSNEW	09/24/99	18:00	LMT	B	CONC
91	992545S-033	990921	WENSNEW	09/24/99	18:06	LMT	S	CONC
92	992545S-034	990921	WENSNEW	09/24/99	18:12	LMT	S	CONC
93	992545S-035	990921	WENSNEW	09/24/99	18:18	LMT	S	CONC
94	992545S-036	990921	WENSNEW	09/24/99	18:24	LMT	S	CONC
95	992545S-037	990921	WENSNEW	09/24/99	18:30	LMT	S	CONC
96	992545S-038	990921	WENSNEW	09/24/99	18:36	LMT	S	CONC
97	992545S-039	990921	WENSNEW	09/24/99	18:42	LMT	S	CONC
98	992524S-001	990921	WENSNEW	09/24/99	18:48	LMT	S	CONC
99	ISA 990806L	990921	WENSNEW	09/24/99	18:54	LMT	Q	CONC
100	ISB 990806M	990921	WENSNEW	09/24/99	19:00	LMT	Q	CONC
101	CCV 990924I	990921	WENSNEW	09/24/99	19:05	LMT	Q	CONC
102	CCB 990924B	990921	WENSNEW	09/24/99	19:11	LMT	B	CONC
103	MB 51839	990921	WENSNEW	09/24/99	19:17	LMT	S	CONC
104	SB 990914S	990921	WENSNEW	09/24/99	19:23	LMT	S	CONC
105	LCS 990648	990921	WENSNEW	09/24/99	19:29	LMT	S	CONC
106	992545S-040	990921	WENSNEW	09/24/99	19:35	LMT	S	CONC
107	992545S-040 SD	990921	WENSNEW	09/24/99	19:41	LMT	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	992545S-041	990921	WENSNEW	09/24/99	19:47	LMT	S	CONC
109	992545S-042	990921	WENSNEW	09/24/99	19:53	LMT	S	CONC
110	992545S-043	990921	WENSNEW	09/24/99	19:59	LMT	S	CONC
111	992545S-044	990921	WENSNEW	09/24/99	20:05	LMT	S	CONC
112	992545S-045	990921	WENSNEW	09/24/99	20:11	LMT	S	CONC
113	CCV 990924II	990921	WENSNEW	09/24/99	20:17	LMT	Q	CONC
114	CCB 9909248B	990921	WENSNEW	09/24/99	20:23	LMT	B	CONC
115	992545S-046	990921	WENSNEW	09/24/99	20:29	LMT	S	CONC
116	992545S-047	990921	WENSNEW	09/24/99	20:35	LMT	S	CONC
117	992545S-048	990921	WENSNEW	09/24/99	20:41	LMT	S	CONC
118	992545S-049	990921	WENSNEW	09/24/99	20:47	LMT	S	CONC
119	992545S-050	990921	WENSNEW	09/24/99	20:53	LMT	S	CONC
120	992545S-051	990921	WENSNEW	09/24/99	20:58	LMT	S	CONC
121	992545S-052	990921	WENSNEW	09/24/99	21:04	LMT	S	CONC
122	992545S-053	990921	WENSNEW	09/24/99	21:10	LMT	S	CONC
123	992545S-054	990921	WENSNEW	09/24/99	21:16	LMT	S	CONC
124	992545S-055	990921	WENSNEW	09/24/99	21:22	LMT	S	CONC
125	CCV 990924II	990921	WENSNEW	09/24/99	21:28	LMT	Q	CONC
126	CCB 9909248B	990921	WENSNEW	09/24/99	21:34	LMT	B	CONC
127	992545S-056	990921	WENSNEW	09/24/99	21:40	LMT	S	CONC
128	992545S-057	990921	WENSNEW	09/24/99	21:46	LMT	S	CONC
129	992545S-058	990921	WENSNEW	09/24/99	21:52	LMT	S	CONC
130	992545S-059	990921	WENSNEW	09/24/99	21:58	LMT	S	CONC
131	992545S-059 MS	990921	WENSNEW	09/24/99	22:04	LMT	S	CONC
132	992545S-059 MSD	990921	WENSNEW	09/24/99	22:10	LMT	S	CONC
133	992545S-059 PDS	990921	WENSNEW	09/24/99	22:16	LMT	S	CONC
134	ISA 990806L	990921	WENSNEW	09/24/99	22:22	LMT	Q	CONC
135	ISB 990806M	990921	WENSNEW	09/24/99	22:28	LMT	Q	CONC
136	CCV 990924II	990921	WENSNEW	09/24/99	22:34	LMT	Q	CONC
137	CCB 9909248B	990921	WENSNEW	09/24/99	22:40	LMT	B	CONC
138	MB 51836	990921	WENSNEW	09/24/99	22:46	LMT	S	CONC
139	SB 990914S	990921	WENSNEW	09/24/99	22:51	LMT	S	CONC
140	992545T-001	990921	WENSNEW	09/24/99	22:57	LMT	S	CONC
141	992545T-001 SD	990921	WENSNEW	09/24/99	23:03	LMT	S	CONC
142	992545T-002	990921	WENSNEW	09/24/99	23:09	LMT	S	CONC
143	992545T-003	990921	WENSNEW	09/24/99	23:15	LMT	S	CONC
144	992545T-004	990921	WENSNEW	09/24/99	23:21	LMT	S	CONC
145	992545T-005	990921	WENSNEW	09/24/99	23:27	LMT	S	CONC
146	992545T-006	990921	WENSNEW	09/24/99	23:33	LMT	S	CONC
147	992545T-007	990921	WENSNEW	09/24/99	23:39	LMT	S	CONC
148	CCV 990924III	990921	WENSNEW	09/24/99	23:45	LMT	Q	CONC
149	CCB 9909248BB	990921	WENSNEW	09/24/99	23:51	LMT	B	CONC
150	992545T-008	990921	WENSNEW	09/24/99	23:57	LMT	S	CONC
151	992545T-009	990921	WENSNEW	09/25/99	00:03	LMT	S	CONC
152	992545T-010	990921	WENSNEW	09/25/99	00:09	LMT	S	CONC
153	992545T-011	990921	WENSNEW	09/25/99	00:15	LMT	S	CONC
154	992545T-012	990921	WENSNEW	09/25/99	00:21	LMT	S	CONC
155	992545T-013	990921	WENSNEW	09/25/99	00:27	LMT	S	CONC
156	992545T-014	990921	WENSNEW	09/25/99	00:33	LMT	S	CONC
157	992545T-015	990921	WENSNEW	09/25/99	00:39	LMT	S	CONC
158	992545T-016	990921	WENSNEW	09/25/99	00:45	LMT	S	CONC
159	992545T-017	990921	WENSNEW	09/25/99	00:51	LMT	S	CONC
160	CCV 990924III	990921	WENSNEW	09/25/99	00:57	LMT	Q	CONC
161	CCB 9909248BB	990921	WENSNEW	09/25/99	01:03	LMT	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
162	992545T-018	990921	WENSNEW	09/25/99	01:09	LMT	S	CONC
163	992545T-019	990921	WENSNEW	09/25/99	01:15	LMT	S	CONC
164	992545T-019 MS	990921	WENSNEW	09/25/99	01:21	LMT	S	CONC
165	992545T-019 MSD	990921	WENSNEW	09/25/99	01:27	LMT	S	CONC
166	992545T-020	990921	WENSNEW	09/25/99	01:32	LMT	S	CONC
167	ISA 990806L	990921	WENSNEW	09/25/99	01:38	LMT	Q	CONC
168	ISB 990806M	990921	WENSNEW	09/25/99	01:44	LMT	Q	CONC
169	CCV 990924III	990921	WENSNEW	09/25/99	01:50	LMT	Q	CONC
170	CCB 990924BBB	990921	WENSNEW	09/25/99	01:56	LMT	B	CONC



9/24/99

CC0105

Method: WFNSNEW Standard: BLANK
Run Time: 09/24/99 10:14:55

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.00570	.01617	.00988	.00482	.00003	-.02027	.00027
SDev	.00335	.00009	.00073	.00101	.00005	.00019	.00000
%RSD	58.719	.50317	7.3930	26.555	141.42	.93041	.00000
#1	-.00333	.01623	.01040	.00453	.00007	-.02013	.00027
#2	-.00807	.01610	.00937	.00310	.00000	-.02040	.00027

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Avge	-.00705	-.00072	-.00045	.01975	-.00137	-.19283	-.00435
SDev	.00695	.00040	.00082	.00186	.00118	.01344	.00134
%RSD	98.627	55.911	183.32	9.4281	86.233	6.9672	30.885
#1	-.01197	-.00043	-.00103	.01843	-.00220	-.20233	-.00340
#2	-.00213	-.00100	.00013	.02107	-.00053	-.18333	-.00530

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Si2881
Avge	-.00073	-.00027	.00103	2.3958	-.00290	-.00915	.04010
SDev	.00000	.00009	.00165	.0010	.00146	.00323	.00033
%RSD	.00000	35.355	159.67	.04132	50.392	35.291	.82290
#1	-.00073	-.00033	.00220	2.3965	-.00187	-.00687	.04033
#2	-.00073	-.00020	-.00013	2.3951	-.00393	-.01143	.03987

Elem	Si02	Sn1899	Sr4215	Ti1908	V_2924	Zn2138	Pb_1st
Avge	.04010	.00057	-.00010	-.04057	-.00010	.00047	.05100
SDev	.00033	.00292	.00014	.00278	.00005	.00000	.03356
%RSD	.82290	515.77	141.42	6.8561	47.140	.00000	65.812
#1	.04033	.00263	-.00020	-.04253	-.00013	.00047	.07473
#2	.03987	-.00150	.00000	-.03860	-.00007	.00047	.02727

Elem	Pb_2nd	Sb_1st	Sb_2nd	Se_1st	Se_2nd
Avge	-.01190	-.02733	.00987	.00607	-.00113
SDev	.02418	.03309	.00500	.00160	.00075
%RSD	203.22	121.07	50.644	26.419	66.551
#1	-.02900	-.05073	.01340	.00493	-.00167
#2	.00520	-.00393	.00633	.00720	-.00060

C22106

Method: WENSNEW Standard: STD5
Run Time: 09/24/99 10:20:43

Elem	Ag3280	K_7664	Na5889	Sn1899
Avge	14.157	1.8534	32.184	3.9553
SDev	.024	.0047	.027	.0039
%RSD	.17149	.25180	.08320	.09952
#1	14.140	1.8567	32.203	3.9525
#2	14.174	1.8501	32.165	3.9580

CC2107

Method: WENSNEW Standard: STD2
Run Time: 09/24/99 10:25:17

Elem	Al3082	B_2496	Ba4934	Be3130	Cd2265	Co2286	Cr2677
Avge	2.8632	4.3095	3.5721	17.444	91.417	2.7922	4.6102
SDev	.0058	.0059	.0061	.016	.254	.0056	.0111
%RSD	.20251	.13673	.17024	.09351	.27745	.19922	.24183
#1	2.8673	4.3136	3.5764	17.432	91.596	2.7961	4.6180
#2	2.8591	4.3053	3.5678	17.455	91.237	2.7883	4.6023

Elem	Mn2576
Avge	8.1040
SDev	.0219
%RSD	.26991
#1	8.1195
#2	8.0885

CCC108

Standardization Rpt. 09/24/99 10:31:54 AM page 1

Method: WENSNEW Standard: STD1
Run Time: 09/24/99 10:29:37

Elem	As1890	Tl1908	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st
Avge	5.1735	5.8753	11.796	12.019	7.1137	1.9791	3.5417
SDev	.0100	.0072	.017	.029	.0167	.0001	.0229
%RSD	.19317	.12196	.14747	.23886	.23458	.00477	.64554
#1	5.1806	5.8803	11.808	12.039	7.1255	1.9791	3.5579
#2	5.1664	5.8702	11.783	11.999	7.1019	1.9790	3.5255

Elem	Se_2nd
Avge	1.8843
SDev	.0085
%RSD	.45031
#1	1.8783
#2	1.8903

CC0109

Standardization Rpt. 09/24/99 10:38:45 AM page 1

Method: WENSNEW Standard: S103
Run Time: 09/24/99 10:36:58

Elem	Ca3179	Fe2714	K_4047	Mg2790	Na3302
Avge	9.7851	1.8364	.41172	13.570	1.9684
SDev	.0011	.0002	.00290	.006	.0033
%RSD	.01132	.01027	.70416	.04689	.17003
#1	9.7859	1.8365	.40967	13.566	1.9661
#2	9.7843	1.8363	.41377	13.575	1.9708

CCC110

Method: WCNSNEW Standard: STD4
Run Time: 09/24/99 10:40:26

Elem	Cu3247	Mo2020	Ni2316	Si2881	SiO2	Sr4215	V_2924
Avge	2.6682	2.4667	9.4771	3.4296	3.4294	6.2140	1.5279
SDev	.0039	.0049	.0111	.0036	.0036	.0012	.0007
%RSD	.14664	.19875	.11739	.10515	.10378	.01896	.04628
#1	2.6654	2.4633	9.4693	3.4270	3.4269	6.2132	1.5274
#2	2.6710	2.4702	9.4850	3.4321	3.4319	6.2148	1.5284

Elem	Zn2138
Avge	1.9452
SDev	.0004
%RSD	.01939
#1	1.9449
#2	1.9455

CC0111

Standardization Report 09/24/99 10:42:16 AM page 1

Method: WENSNEW Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD5	BLANK	.070608	.000402	09/24/99 10:40:26
Al3082	308.215	STD2	BLANK	7.02749	-.113611	09/24/99 10:40:26
As1890	189.042	STD1	BLANK	.193663	-.001914	09/24/99 10:40:26
B_2496	249.678	STD2	BLANK	.931908	-.003557	09/24/99 10:40:26
Ba4934	493.409	STD2	BLANK	.559909	-.000019	09/24/99 10:40:26
Be3130	313.042	STD2	BLANK	.229050	.004642	09/24/99 10:40:26
Ca3179	317.933	STD3	BLANK	5.10994	-.001363	09/24/99 10:40:26
Cd2265	226.502	STD2	BLANK	.021873	.000154	09/24/99 10:40:26
Co2286	228.616	STD2	BLANK	.715882	.000513	09/24/99 10:40:26
Cr2677	267.716	STD2	BLANK	.433727	.000195	09/24/99 10:40:26
Cu3247	324.753	STD4	BLANK	.377884	-.007463	09/24/99 10:40:26
Fe2714	271.441	STD3	BLANK	5.44139	.007437	09/24/99 10:40:26
K_7664	766.491	STD5	BLANK	.488695	.094237	09/24/99 10:40:26
K_4047	404.735	STD3	BLANK	120.173	.522753	09/24/99 10:40:26
Mg2790	279.078	STD3	BLANK	3.68428	.002702	09/24/99 10:40:26
Mn2576	257.610	STD2	BLANK	.246784	.000066	09/24/99 10:40:26
Mo2020	202.030	STD4	BLANK	.811709	-.000838	09/24/99 10:40:26
Na5889	588.995	STD5	BLANK	.033571	-.080430	09/24/99 10:40:26
Na3302	330.232	STD3	BLANK	25.3635	.073554	09/24/99 10:40:26
Ni2316	231.604	STD4	BLANK	.105655	.000967	09/24/99 10:40:26
Pb2204	220.353	NONE	NONE	1.00000	.000000	*09/24/99 10:40:26
Sb2068	206.838	NONE	NONE	1.00000	.000000	*09/24/99 10:40:26
Se1960	196.026	NONE	NONE	1.00000	.000000	*09/24/99 10:40:26
Si2881	288.158	STD4	BLANK	1.47515	-.059154	09/24/99 10:40:26
SiO2	288.158	STD4	BLANK	3.15698	-.126595	09/24/99 10:40:26
Sn1899	189.989	STD5	BLANK	.505729	-.000287	09/24/99 10:40:26
Sr4215	421.552	STD4	BLANK	.160924	.000016	09/24/99 10:40:26
Ti1908	190.864	STD3	BLANK	.169038	.006857	09/24/99 10:40:26
V_2924	292.402	STD4	BLANK	1.30685	.000131	09/24/99 10:40:26
Zn2138	213.856	STD4	BLANK	.516755	-.000241	09/24/99 10:40:26
Pb_1st	220.351	STD1	BLANK	.085145	-.004342	09/24/99 10:40:26
Pb_2nd	220.352	STD1	BLANK	.083120	.000989	09/24/99 10:40:26
Sb_1st	206.831	STD1	BLANK	.140035	.003828	09/24/99 10:40:26
Sb_2nd	206.832	STD1	BLANK	.507820	-.005010	09/24/99 10:40:26
Se_1st	196.021	STD1	BLANK	.282835	-.001716	09/24/99 10:40:26
Se_2nd	196.022	STD1	BLANK	.530373	.000601	09/24/99 10:40:26

C00112

Analysis Report QC Standard 09/24/99 10:45:18 AM page 1

Method: WENSNEW Sample Name: ICA 9907196 Operator:
Run Time: 09/24/99 10:42:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00129	.00308	.00051	.01081	.00008	-.00006	.01031
SDev	.00070	.00611	.00110	.00004	.00012	.00002	.00036
%RSD	54.194	198.15	214.46	.39971	141.43	27.768	3.5063
#1	.00080	-.00124	-.00026	.01078	-.00000	-.00007	.01005
#2	.00179	.00740	.00129	.01084	.00017	-.00005	.01056
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00010	.00079	.00028	1.0018	.00911	.03463	.82519
SDev	.00015	.00008	.00051	.0015	.00462	.00458	.95456
%RSD	159.43	10.488	182.76	.15108	50.658	13.237	115.68
#1	-.00001	.00085	-.00008	1.0007	.01238	.03139	.15022
#2	.00021	.00073	.00064	1.0029	.00585	.03787	1.5002
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK
Value				1.0000			
Range				5.0000			

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00565	.00021	2.0029	7.6736	8.6405	1.0020	-.00044
SDev	.00139	.00006	.0013	.0331	.1327	.0003	.00060
%RSD	24.595	27.137	.06300	.43143	1.5360	.03015	135.43
#1	.00467	.00026	2.0021	7.6502	8.5467	1.0022	-.00087
#2	.00663	.00017	2.0038	7.6971	8.7344	1.0018	-.00002
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value			2.0000			1.0000	
Range			5.0000			5.0000	

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	-.00317	.00003	5.0069	10.715	.00042	1.0008	.00384
SDev	.00726	.00133	.0008	.001	.00040	.0004	.00089
%RSD	71.370	5100.9	.01597	.01042	96.167	.04434	23.042
#1	-.00477	-.00091	5.0075	10.716	.00013	1.0011	.00447
#2	-.00157	.00096	5.0064	10.714	.00071	1.0005	.00322
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	NOCHECK
Value			5.0000			1.0000	
Range			5.0000			5.0000	

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC0113

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.0029	1.0017	-.00057	-.00038	-.01399	.00223	-.00325
SDev	.0007	.0002	.00173	.00004	.00100	.00290	.00419
%RSD	.03392	.02170	301.22	9.9650	7.1248	129.76	128.63
#1	2.0024	1.0019	-.00180	-.00040	-.01469	.00018	-.00621
#2	2.0034	1.0016	.00065	-.00035	-.01328	.00428	-.00029
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.0000	1.0000					
Range	5.0000	5.0000					

Elem	Se_2nd
Units	mg/L
Avge	.00166
SDev	.00010
%RSD	6.0696
#1	.00174
#2	.00159
Errors	NOCHECK
Value	
Range	

CC3114

Analysis Report QC Standard 09/24/99 10:48:55 AM page 1

Method: WENSNEW Sample Name: Ira 990924c Operator:
Run Time: 09/24/99 10:46:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_249o	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L	mg/l
Avge	.99786	.02479	.00106	.04977	.00024	-.00009	.03620
SDev	.00150	.00002	.00233	.00007	.00003	.00001	.00012
%RSD	.15065	.08003	220.44	.13714	10.879	11.157	.33276
#1	.99892	.02478	-.00059	.04972	.00026	-.00010	.03611
#2	.99680	.02480	.00271	.04982	.00022	-.00009	.03628
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	1.0000						
Range	5.0000						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/l
Avge	.00011	.00065	.00053	.00116	.02031	0.99704	01.6864
SDev	.00001	.00009	.00018	.00012	.00898	.01454	.3824
%RSD	5.2738	13.381	34.846	10.081	44.219	1.4580	22.674
#1	.00011	.00071	.00040	.00108	.01396	0.98676	01.4160
#2	.00012	.00058	.00066	.00124	.02666	01.0073	01.9568
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Fail	QC Fail
Value						5.0000	5.0000
Range						5.0000	5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00811	.00171	.00078	.98189	1.0653	.00359	.00087
SDev	.00347	.00002	.00214	.00039	.0012	.00028	.00026
%RSD	42.855	1.3540	273.03	.03949	.11224	7.9161	29.550
#1	.00565	.00169	.00230	.98216	1.0661	.00379	.00069
#2	.01056	.00173	-.00073	.98161	1.0644	.00339	.00105
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00020	-.00017	.72307	1.5473	1.9932	.00014	.00064
SDev	.00178	.00317	.00014	.0001	.0016	.00002	.00090
%RSD	902.56	1918.8	.01922	.00962	.08073	16.318	141.03
#1	.00145	.00208	.72297	1.5472	1.9943	.00016	.00128
#2	-.00106	-.00241	.72317	1.5474	1.9920	.00012	.00000
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK
Value					2.0000		
Range					5.0000		

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC0115

Units	mg/L	mg/l	mg/L	mg/l	mg/l	mg/l	mg/l
Avge	.00064	.00506	.00077	.00892	.00111	-.00026	-.00199
SDev	.00003	.00003	.00006	.00041	.00033	.00283	.00161
%RSD	5.1887	.49271	7.3940	44.938	29.418	1100.5	80.947
#1	.00066	.00504	.00081	.00063	.00018	.00174	-.00085
#2	.00061	.00508	.00073	.00121	.00134	-.00226	-.00313
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Se_2nd
Units	mg/L
Avge	.00075
SDev	.00395
%RSD	528.70
#1	.00354
#2	-.00205
Errors	NOCHECK
Value	
Range	

C3116

Method: WFNSNEW Sample Name: ICV 990924A Operator:
Run Time: 09/24/99 10:42:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00049	.00876	1.0029	.00247	.00013	-.00005	.03994
Sdev	.00030	.00116	.0005	.00022	.00005	.00001	.00036
%RSD	61.514	13.233	.05185	8.9627	40.406	22.653	.90461
#1	-.00028	.00794	1.0025	.00232	.00009	-.00004	.03969
#2	-.00071	.00958	1.0033	.00263	.00017	-.00006	.04020
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value			1.0000				
Range			5.0000				

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00023	-.00017	.00056	.00106	.01234	.04670	.31445
Sdev	.00014	.00002	.00021	.00015	.00949	.00088	.00966
%RSD	57.725	9.9727	38.063	14.300	76.919	1.8744	12.611
#1	.00014	-.00015	.00072	.00117	.00563	.04732	.28641
#2	.00033	-.00018	.00041	.00095	.01905	.04608	.34249
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00393	.00030	.00030	.03354	-.11583	.00117	1.0107
Sdev	.00660	.00013	.00023	.00052	.01196	.00001	.0005
%RSD	167.94	42.031	77.154	1.5617	10.323	.84933	.04892
#1	-.00074	.00021	.00014	.03317	-.10737	.00117	1.0111
#2	.00860	.00039	.00046	.03391	-.12428	.00116	1.0104
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value							1.0000
Range							5.0000

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0048	1.0041	.02567	.05493	.00059	.00009	1.0050
Sdev	.0020	.0001	.00222	.00476	.00031	.00001	.0009
%RSD	.19500	.01494	8.6700	8.6696	52.528	8.3189	.08722
#1	1.0034	1.0040	.02724	.05830	.00037	.00009	1.0044
#2	1.0062	1.0042	.02409	.05156	.00081	.00010	1.0057
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value	1.0000	1.0000					1.0000
Range	5.0000	5.0000					5.0000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

033117

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avga	.00053	.00309	1.0118	1.0102	1.0100	1.0022	1.0069
Stdev	.00006	.00005	.0044	.0015	.0020	.0019	.0015
%RSD	11.500	1.5482	.43416	.14389	.19768	.19366	.12975
#1	.00057	.00306	1.0142	1.0091	1.0085	1.0009	1.0078
#2	.00048	.00313	1.0087	1.0112	1.0114	1.0036	1.0060
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			1.0000	1.0000	1.0000	1.0000	1.0000
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Se_2nd
Units	mg/L
Avga	1.0026
Stdev	.0009
%RSD	.08749
#1	1.0020
#2	1.0033
Errors	QC Pass
Value	1.0000
Range	5.0000

000113

Method: WENSNEW Sample Name: ICA 990719 Operator:
Run Time: 09/24/99 10:53:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00088	20.025	.00025	4.0119	2.0025	4.0881	.02734
SDev	.00053	.019	.00068	.0077	.0025	.0143	.00012
%RSD	60.532	.09427	274.56	.19296	.12457	.34887	.44057
#1	.00125	20.012	-.00023	4.0064	2.0007	4.0780	.02725
#2	.00050	20.038	.00072	4.0174	2.0043	4.0982	.02742
Errors	NOCHECK	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value		20.000		4.0000	2.0000	4.0000	
Range		5.0000		5.0000	5.0000	5.0000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.0136	2.0127	2.0085	-.00027	.01079	.05094	.17025
SDev	.0025	.0016	.0009	.00009	.00602	.00525	.43621
%RSD	.12381	.07717	.04277	32.917	55.761	10.311	256.22
#1	2.0118	2.0116	2.0079	-.00033	.00654	.05465	-.13820
#2	2.0153	2.0138	2.0091	-.00021	.01504	.04722	.47869
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.0000	2.0000	2.0000				
Range	5.0000	5.0000	5.0000				

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00209	2.0083	.00041	.03846	-.01268	.00227	.00184
SDev	.00191	.0021	.00015	.00006	.01913	.00026	.00019
%RSD	91.508	.10427	37.719	.16456	150.85	11.558	10.408
#1	.00074	2.0069	.00030	.03851	.00085	.00246	.00198
#2	.00344	2.0098	.00051	.03842	-.02621	.00208	.00170
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value		2.0000					
Range		5.0000					

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00824	-.00075	.08396	.17968	.00010	.00013	-.01850
SDev	.00006	.00093	.00003	.00007	.00155	.00001	.00017
%RSD	.68408	123.14	.04149	.04143	1532.1	5.8926	.93466
#1	.00820	-.00141	.08398	.17974	-.00099	.00012	-.01838
#2	.00828	-.00010	.08393	.17963	.00120	.00013	-.01862
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000119

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00064	.00504	.00077	.00095	.00111	-.00025	-.00100
Stdv	.00003	.00003	.00005	.00041	.00053	.00283	.00161
%RSD	5.1882	.49271	7.3940	44.025	99.418	1109.5	160.87
#1	.00066	.00504	.00081	.00064	.00048	.00124	-.00085
#2	.00061	.00508	.00073	.00151	.00154	-.00226	-.00113
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Se_2nd
Units	mg/L
Avge	.00075
Stdv	.00395
%RSD	528.70
#1	.00354
#2	-.00204
Errors	NOCHECK
Value	
Range	

031330

Analysis Report QC Standard 09/24/09 10:52:30 AM page 1

Method: WENSMEW Sample Name: Ics 200804 Operator:
Run Time: 09/24/09 10:47:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	-.00049	.00876	1.0029	.00247	.00013	-.00005	.05994
Stev	.00030	.00116	.0005	.00022	.00005	.00001	.00036
%RSD	61.514	13.233	.05185	8.9627	40.406	22.653	.00461
#1	-.00028	.00794	1.0025	.00232	.00009	-.00004	.05969
#2	-.00071	.00958	1.0033	.00263	.00017	-.00006	.06020
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value			1.0000				
Range			5.0000				

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00023	-.00017	.00056	.00106	.01234	.04670	.51445
Stev	.00014	.00002	.00021	.00015	.00949	.00081	.05866
%RSD	57.725	9.9727	38.065	14.300	76.919	1.7344	12.611
#1	.00014	-.00015	.00072	.00117	.00563	.04732	.21641
#2	.00033	-.00018	.00041	.00095	.01905	.04608	.34249
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00393	.00050	.00030	.03354	-.11583	.00117	1.0107
Stev	.00660	.00013	.00023	.00052	.01196	.00001	.0005
%RSD	167.94	42.041	77.154	1.5617	10.323	.84933	.04892
#1	-.00074	.00021	.00014	.03317	-.10737	.00117	1.0111
#2	.00860	.00079	.00046	.03391	-.12428	.00116	1.0104
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value							1.0000
Range							5.0000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	1.0048	1.0041	.02567	.05493	.00059	.00009	1.0050
Stev	.0020	.0001	.00222	.00476	.00031	.00001	.0009
%RSD	.19500	.01494	8.6700	8.6695	52.528	8.3109	.08722
#1	1.0034	1.0040	.02724	.05830	.00037	.00009	1.0044
#2	1.0062	1.0042	.02409	.05156	.00081	.00010	1.0057
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value	1.0000	1.0000					1.0000
Range	5.0000	5.0000					5.0000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

121000

Analysis Report QC Standard 09/24/99 10:52:30 AM page 2

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00053	.00309	1.0118	1.0102	1.0100	1.0022	1.0062
SDev	.00006	.00005	.0044	.0015	.0020	.0019	.0015
%RSD	11.500	1.5182	.43446	.14388	.19768	.19366	.12972
#1	.00057	.00306	1.0149	1.0091	1.0085	1.0009	1.0078
#2	.00048	.00313	1.0087	1.0112	1.0114	1.0036	1.0060
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			1.0000	1.0000	1.0000	1.0000	1.0000
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Sc_2nd
Units	mg/l
Avge	1.0026
SDev	.0009
%RSD	.08749
#1	1.0020
#2	1.0033
Errors	QC Pass
Value	1.0000
Range	5.0000

000122

Analysis Report QC Standard 09/24/99 10:56:30 AM Page 1

Method: WENCNEW Sample Name: ICS 092499 Operator:
Run Time: 09/24/99 10:53:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be4130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00008	20.025	.00025	4.0119	2.0025	4.0881	.02734
Sdev	.00053	.019	.00068	.0077	.0025	.0143	.00012
%RSD	60.532	.09427	274.56	.19296	.12457	.34887	.44057
#1	.00125	20.012	-.00023	4.0064	2.0007	4.0780	.02725
#2	.00050	20.038	.00072	4.0174	2.0043	4.0982	.02742
Errors	NOCHECK	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value		20.000		4.0000	2.0000	4.0000	
Range		5.0000		5.0000	5.0000	5.0000	

Elem	Cd2765	Co2286	Cr2677	Cu4247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.0136	2.0127	2.0085	-.00027	.01079	.05094	.17025
Sdev	.0025	.0016	.0009	.00009	.00602	.00525	.43621
%RSD	.12381	.07717	.04277	32.917	55.761	10.311	256.29
#1	2.0118	2.0116	2.0079	-.00033	.00654	.05465	-.13820
#2	2.0153	2.0138	2.0091	-.00021	.01504	.04722	.47869
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.0000	2.0000	2.0000				
Range	5.0000	5.0000	5.0000				

Elem	Mg2790	Mn2576	Mo2020	NA5889	NA3302	Ni2316	Pb0204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00209	2.0083	.00041	.03846	-.01268	.00237	.00184
Sdev	.00191	.0021	.00015	.00006	.01913	.00026	.00019
%RSD	91.508	.10427	37.719	.16456	150.85	11.558	10.408
#1	.00074	2.0069	.00030	.03851	.00085	.00246	.00198
#2	.00344	2.0098	.00051	.03842	-.02621	.00208	.00170
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value		2.0000					
Range		5.0000					

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00824	-.00075	.08396	.17968	.00010	.00013	-.01850
Sdev	.00006	.00093	.00063	.00007	.00155	.00001	.00017
%RSD	.68408	123.14	.74149	.04143	1552.1	5.8926	.94466
#1	.00820	-.00141	.08398	.17974	-.00089	.00012	-.01838
#2	.00828	-.00010	.08393	.17963	.00120	.00013	-.01862
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C99123

Units	mg/L	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00017	.00495	.01291	-.00324	.01385	.00544	-.00675
Sdev	.00000	.00015	.00546	.00144	.00562	.00242	.00152
%RSD	.92648	2.9385	28.805	44.513	40.542	44.510	19.625
#1	.00017	.00505	.01446	-.00426	.01030	.00715	-.00600
#2	.00017	.00485	.00956	-.00229	.01740	.00373	-.00766
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Se_2nd
Units	mg/l
Avge	.00223
Sdev	.00205
%RSD	91.999
#1	.00078
#2	.00368
Errors	NOCHECK
Value	
Range	

CC124

Analysis Report QC Standard 09/24/99 11:02:24 AM page 1

Method: WENSNEW Sample Name: Tra 990719m Operator:
Run Time: 09/24/99 10:59:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00014	-.00233	.00151	.00241	.00014	-.00021	50.429
SDev	.00043	.00001	.00089	.00009	.00004	.00000	.039
%RSD	294.44	.32162	59.246	3.6395	28.285	.10845	.07762
#1	.00016	-.00232	.00088	.00234	.00017	-.00021	50.401
#2	-.00045	-.00233	.00214	.00247	.00011	-.00021	50.457
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value							50.000
Range							5.0000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00040	.00027	.00068	.00031	10.132	Q53.490	50.853
SDev	.00000	.00003	.00001	.00021	.002	.168	.150
%RSD	.14455	12.123	1.5041	68.942	.01522	.31401	.29520
#1	.00040	.00025	.00067	.00046	10.133	Q53.372	50.959
#2	.00040	.00030	.00069	.00016	10.131	Q53.609	50.747
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Fail	QC Pass
Value					10.000	50.000	50.000
Range					5.0000	5.0000	5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	50.783	.00184	-.00020	Q43.017	50.594	.00146	.00263
SDev	.033	.00000	.00054	.113	.014	.00005	.00057
%RSD	.06533	.00086	272.93	.26313	.02836	3.2347	21.600
#1	50.759	.00184	.00018	Q42.937	50.604	.00143	.00303
#2	50.806	.00184	-.00057	Q43.097	50.584	.00150	.00223
Errors	QC Pass	NOCHECK	NOCHECK	QC Fail	QC Pass	NOCHECK	NOCHECK
Value	50.000			50.000	50.000		
Range	5.0000			5.0000	5.0000		

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00051	-.00110	.00562	.01221	.00112	.00142	-.00025
SDev	.00211	.00193	.00038	.00082	.00075	.00000	.00180
%RSD	416.28	175.10	6.8087	6.7042	66.989	.00000	706.81
#1	.00199	-.00246	.00589	.01279	.00165	.00142	-.00153
#2	-.00098	.00026	.00535	.01163	.00059	.00142	.00102
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000125

Analysis Report QC Standard 09/24/99 11:02:24 AM page 2

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00040	.00368	-.00247	.00517	.00651	-.00249	-.00675
SDev	.00003	.00010	.00346	.00088	.00322	.00476	.00008
%RSD	8.0273	2.6519	140.27	16.965	49.462	191.15	1.1842
#1	.00042	.00375	-.00002	.00455	.00423	.00088	-.00680
#2	.00037	.00361	-.00492	.00579	.00879	-.00586	-.00669
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Se_2nd
Units	mg/L
Avge	.00172
SDev	.00285
%RSD	165.95
#1	-.00030
#2	.00373
Errors	NOCHECK
Value	
Range	

000126

Method: WLIPSNEW Sample Name: ICV 9809241 Operator: LMI
Run Time: 09/21/99 11:04:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_249%	Ba4934	Be3130	Ca317
Units	mg/l	mg/L	mg/l	mg/L	mg/l	mg/l	mg/l
Avge	.48107	9.7529	2.5652	02.6817	5.0244	02.6250	010.517
Sdev	.00063	.0106	.0042	.0001	.0024	.0015	.000
%RSD	.13071	.10920	.16537	.00203	.04806	.05528	.00115
#1	.48062	9.7454	2.5602	02.6818	5.0261	02.6261	010.517
#2	.48151	9.7604	2.5702	02.6817	5.0227	2.6240	010.517
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Fail	QC Fail
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	10.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	1.0012	2.5456	2.5708	2.4007	5.1776	10.415	10.050
Sdev	.0006	.0013	.0024	.0012	.0024	.067	.445
%RSD	.06521	.05172	.09153	.05001	.04740	.63976	4.4212
#1	1.0016	2.5465	2.5815	2.4016	5.1759	10.368	9.7440
#2	1.0007	2.5446	2.5782	2.3999	5.1793	10.462	10.373
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/l	mg/L	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	010.878	4.9968	2.4360	08.9729	9.9814	2.4481	.96715
Sdev	.000	.0049	.0063	0.350	.1379	.0006	.00024
%RSD	.00319	.09848	.01412	.39028	1.2817	.02518	.02501
#1	010.879	5.0003	2.4362	08.9531	9.8009	2.4493	.96737
#2	010.878	4.9933	2.4357	09.0027	10.072	2.4484	.96693
Errors	QC Fail	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	2.5311	2.4196	24.464	52.355	2.5421	4.8811	02.3628
Sdev	.0034	.0060	.011	.025	.0015	.0027	.0015
%RSD	.13377	.22770	.04653	.04690	.06097	.05470	.06380
#1	2.5287	2.4248	24.456	52.337	2.5410	4.8830	02.3638
#2	2.5335	2.4153	24.472	52.372	2.5431	4.8793	02.3618
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	V_2924	Zn2138	Pb_182	Pb_283	Sb_187	Sb_206	Se_196

CC0127

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4784	2.4209	.97808	.96130	2.5533	2.5300	2.6343
SDev	.0020	.0013	.00447	.00293	.0028	.0065	.0025
%RSD	.08211	.05321	.45650	.29470	.11390	.25612	.09574
#1	2.4799	2.4218	.97572	.96313	2.5556	2.5294	2.6325
#2	2.4770	2.4200	.98204	.95946	2.5511	2.5346	2.6360
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.5000					
Range	5.0000	5.0000					

Elem	Sb_2p1
Units	mg/L
Avge	2.6122
SDev	.0102
%RSD	.38952
#1	2.6194
#2	2.6050
Errors	NOCHECK
Value	
Range	

C03128

Analysis Report Blank Sample 09/21/99 11:12:06 AM page 1

Method: WHISNEW Sample Name: [illegible] Operator: [illegible]
Run Time: 09/24/99 11:09:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00019	.01099	.00127	.00336	-.00006	-.00021	.00077
Sdev	.00079	.00198	.00078	.00094	.00005	.00002	.00060
%RSD	407.65	17.990	61.382	28.150	94.274	10.289	78.567
#1	.00075	.01239	.00182	.00402	-.00002	-.00019	.00119
#2	-.00037	.00959	.00072	.00269	-.00009	-.00023	.00034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	-.00001	.00039	.00012	.00030	.00830	.01090	.27440
Sdev	.00016	.00014	.00051	.00066	.00384	.01677	.08497
%RSD	1933.8	34.463	415.37	222.67	46.186	153.89	30.968
#1	.00010	.00049	.00048	.00076	.01102	.02276	.33448
#2	-.00012	.00030	-.00024	-.00017	.00559	-.00096	.21431
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	-.00061	.00010	.00078	.00263	-.10484	.00066	.00048
Sdev	.00295	.00005	.00099	.00085	.13033	.00041	.00063
%RSD	480.83	47.222	126.79	32.344	124.31	62.637	132.38
#1	.00147	.00007	.00149	.00323	-.01268	.00095	.00003
#2	-.00270	.00013	.00008	.00203	-.19699	.00037	.00092
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl190B
Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00221	-.00013	.00715	.01531	.00106	.00003	.00427
Sdev	.00073	.00082	.00247	.00528	.00005	.00003	.00051
%RSD	33.227	616.54	34.505	34.505	4.4896	94.281	11.923
#1	.00169	.00045	.00890	.01905	.00110	.00005	.00463
#2	.00273	-.00071	.00541	.01158	.00103	.00001	.00391
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Sn_1st

C00129

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00048	-.00004	-.00072	.00110	.00382	.00141	-.00168
SDev	.00000	.00000	.00126	.00157	.00541	.00160	.00147
%RSD	.49160	6.2369	159.98	142.17	141.76	113.91	87.341
#1	.00048	-.00004	.00010	-.00001	-.00001	.00254	-.00064
#2	.00048	-.00004	-.00167	.00222	.00765	.00027	-.00272
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00064
SDev	.00050
%RSD	78.478
#1	.00099
#2	.00028
Errors	NOCHECK
High	
Low	

000130

Analysis Report QC Standard 09/24/09 11:15:53 AM page 1

Method: WENSNEW Sample Name: ISA 950890dL Operator: LMJ
Run Time: 09/24/09 11:13:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00059	218.31	.00145	.00709	.00055	-.00009	262.09
Sdev	.00001	.83	.00060	.00026	.00007	.00002	1.65
%RSD	1.2167	.38156	41.322	3.7450	11.985	23.973	.62993
#1	-.00059	218.90	.00103	.00728	.00060	-.00011	263.26
#2	-.00060	217.72	.00188	.00690	.00050	-.00008	260.92
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value		250.00					250.00
Range		20.000					20.000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4017
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00004	.00010	.00318	-.00008	94.521	-.00196	-.38455
Sdev	.00004	.00025	.00023	.00015	.573	.01032	.10410
%RSD	101.88	265.79	7.3804	190.59	.60601	524.72	27.253
#1	-.00001	-.00008	.00301	.00005	94.926	.00624	-.45806
#2	-.00007	.00027	.00334	-.00019	94.116	-.00836	-.31045
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK
Value					100.00		
Range					20.000		

Elem	Mg2790	Mn2576	Mo2020	NA5889	NA3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	252.38	.00255	-.00027	.01770	-.02875	.00067	-.00176
Sdev	1.61	.00001	.00008	.00032	.12554	.00007	.00035
%RSD	.63600	.24594	30.273	1.8237	436.74	11.159	19.865
#1	253.51	.00232	-.00021	.01747	.06003	.00072	-.00151
#2	251.24	.00233	-.00033	.01793	-.11752	.00062	-.00201
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	250.00						
Range	20.000						

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00794	.00242	.00464	.01168	.00016	.01046	-.01275
Sdev	.00286	.00159	.00225	.00483	.00092	.00005	.00187
%RSD	36.043	65.737	48.576	41.379	573.13	.47152	14.630
#1	.00997	.00130	.00623	.01510	.00081	.01049	-.01407
#2	.00592	.00355	.00305	.00826	-.00049	.01042	-.01143
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC2131

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00027	.01076	.09483	-.04998	.01060	.00661	-.00197
Sdev	.00006	.00017	.00316	.00105	.00253	.00556	.00067
%RSD	22.059	1.5453	3.3304	2.1046	23.884	83.987	33.777
#1	-.00032	.01087	.09705	-.05072	.00881	.01054	-.00244
#2	-.00023	.01064	.09259	-.04924	.01239	.00269	-.00150
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Se_2nd
Units	mg/L
Avge	.00462
Sdev	.00205
%RSD	44.508
#1	.00316
#2	.00607
Errors	NOCHECK
Value	
Range	

000132

Analysis Report QC Standard 09/24/99 11:22:50 AM page 1

Method: WENSNEW Sample Name: ICB 990806.M Operator: LMT
Run Time: 09/24/99 11:20:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.97562	217.35	1.0020	1.0543	.47604	.51959	259.80
SDev	.00110	.24	.0000	.0034	.00054	.00090	.40
%RSD	.11223	.11219	.00377	.31792	.11366	.17347	.15494
#1	.97639	217.52	1.0020	1.0567	.47642	.52022	260.09
#2	.97484	217.18	1.0020	1.0519	.47566	.51895	259.52
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	250.00	1.0000	1.0000	.50000	.50000	251.00
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.94453	.46022	.48109	.46314	94.381	011.441	09.6692
SDev	.00117	.00137	.00109	.00106	.170	.005	.6316
%RSD	.12398	.29733	.22592	.22947	.18006	.04641	6.5321
#1	.94536	.46119	.48186	.46389	94.502	011.437	010.117
#2	.94370	.45925	.48032	.46239	94.261	011.444	09.2233
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Fail
Value	1.0000	.50000	.50000	.50000	100.00	50.000	50.000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	249.99	.46606	.95512	08.4666	09.3344	.88043	.90118
SDev	.53	.00086	.00138	.0068	.0646	.00100	.00080
%RSD	.21162	.18434	.14451	.08019	.69167	.11377	.08920
#1	250.36	.46667	.95610	08.4714	09.2890	.88114	.90175
#2	249.61	.46546	.95415	08.4618	09.3803	.87972	.90061
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Fail	QC Pass	QC Pass
Value	248.80	.50000	1.0000	51.000	51.000	1.0000	1.0000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0068	1.0152	2.0835	4.4603	.94804	.92110	.88709
SDev	.0019	.0019	.0019	.0042	.00126	.00116	.00031
%RSD	.19248	.18864	.09337	.09340	.13328	.12642	.03493
#1	1.0082	1.0166	2.0849	4.4633	.94715	.92192	.88731
#2	1.0055	1.0139	2.0822	4.4574	.94893	.92028	.88687
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	1.0000	1.0000	2.1400			1.0000	1.0000
Range	20.000	20.000	20.000			20.000	20.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CCC133

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/L	mg/l
Avge	.47495	.9536	1.0073	.84817	1.0002	1.0101	1.0164
Sdev	.00070	.00014	.0002	.00112	.0031	.0010	.0006
%RSD	.1475	.01493	.01763	.13164	.30845	.09906	.05750
#1	.47545	.95366	1.0075	.84886	1.0029	1.0101	1.0168
#2	.47446	.95386	1.0072	.84749	.99755	1.0094	1.0159
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Se_2nd
Units	mg/l
Avge	1.0176
Sdev	.0034
%RSD	.33046
#1	1.0199
#2	1.0153
Errors	QC Pass
Value	1.0000
Range	20.000

CC134

Method: WFNSNEW Sample Name: CRI 99072077 Operator: LM1
Run Time: 09/24/99 11:24:26
Comments:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00045	.24511	.03111	.00484	.00532	.00520	1.1167
Sdev	.00098	.00915	.00003	.00116	.00000	.00003	.0014
%RSD	215.80	.06205	.01427	30.295	.00005	.65016	.12943
#1	.00115	.24522	.03113	.00466	.00532	.00522	1.1177
#2	-.00024	.24500	.03109	.00502	.00532	.00517	1.1157
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00550	.00562	.01098	.01061	.05702	.48708	.01737
Sdev	.00008	.00036	.00018	.00008	.00022	.00427	.24643
%RSD	1.4381	6.3134	1.6754	.75029	.39493	.87161	26.864
#1	.00525	.00587	.01111	.01056	.05723	.48940	.74307
#2	.00536	.00537	.01085	.01067	.05681	.48477	1.0916
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mn2939	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.12870	.00548	.01556	.12260	.15725	.01138	.02697
Sdev	.00069	.00001	.00080	.00026	.08489	.00065	.00120
%RSD	.53978	.33453	5.2086	.21556	53.983	5.6917	4.4478
#1	.12920	.00547	.01593	.12242	.21728	.01184	.02612
#2	.12821	.00549	.01479	.12279	1.09723	.01092	.02781
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.10407	.03077	.03921	.08392	-.00014	.00014	.05328
Sdev	.00023	.00097	.00184	.00394	.00131	.00001	.00279
%RSD	.22008	3.1379	4.6993	4.6993	773.16	8.0050	5.2365
#1	.10423	.03008	.04052	.08671	.00064	.00015	.05141
#2	.10391	.03145	.03791	.08113	-.00093	.00013	.05525
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	300.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC3135

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01019	.01520	.02654	.02718	.10500	.10361	.02650
SDev	.00019	.00009	.00272	.00316	.00660	.00364	.00031
%RSD	1.8278	.61983	10.260	11.620	6.2864	3.5122	1.1536
#1	.01032	.01527	.02847	.02494	.10034	.10618	.02672
#2	.01006	.01513	.02462	.02941	.10967	.10103	.02629
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.03290
SDev	.00160
%RSD	4.8642
#1	.03176
#2	.03403
Errors	NOCHECK
High	
Low	

000136

Analysis Report Blank Sample 09/24/99 11:30:57 AM page 1

Method: WENSNEW Sample Name: MB 51741 Operator: LMT
Run Time: 09/24/99 11:28:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00029	.00796	-.00007	.00129	-.00002	-.00012	.00358
Sdev	.00020	.00134	.00028	.00028	.00005	.00001	.00072
%RSD	67.394	16.789	429.69	14.277	282.85	4.30e3	20.203
#1	.00043	.00890	-.00027	.00219	.00002	-.00012	.00409
#2	.00015	.00701	.00013	.00179	-.00006	-.00012	.00307
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00005	-.00011	.00035	.00013	.00142	.00451	.27440
Sdev	.00008	.00007	.00002	.00003	.00251	.00525	.30591
%RSD	144.28	63.483	5.7610	21.440	176.37	116.40	111.49
#1	-.00000	-.00006	.00037	.00011	-.00017	.00080	.05801
#2	.00011	-.00016	.00034	.00014	.00302	.00823	.49071
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn257e	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00540	.00010	.00035	.02161	.02198	-.00082	.00092
Sdev	.00104	.00007	.00053	.00046	.01315	.00100	.00005
%RSD	19.285	70.691	152.32	2.1094	59.832	121.57	4.8575
#1	.00467	.00005	.00023	.02191	.03128	-.00153	.00089
#2	.00614	.00015	-.00003	.02133	.01268	-.00012	.00095
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00163	.00078	.00885	.01894	.00020	.00003	-.00025
Sdev	.00041	.00031	.00028	.00060	.00024	.00002	.00061
%RSD	25.217	40.033	3.1430	3.1428	117.85	56.569	238.78
#1	.00192	.00100	.00905	.01936	.00037	.00004	.00017
#2	.00134	.00056	.00865	.01852	.00003	.00002	-.00068
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC0137

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00078	.00006	.00026	.00100	.00162	.00164	-.00444
Sdev	.00071	.00002	.00064	.00138	.00466	.00296	.00384
%RSD	249.13	44.514	348.94	138.39	288.36	179.52	45.692
#1	-.00022	.00004	.00262	.00002	-.00168	.00372	-.00451
#2	.00078	.00007	-.00111	.00198	.00491	-.00044	-.00881
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00449
Sdev	.00105
%RSD	23.394
#1	.00375
#2	.00523
Errors	NOCHECK
High	
Low	

C00138

Analysis Report 09/24/99 11:34:26 AM page 1

Method: WENSNEW Sample Name: SB 9909145 Operator: TMI
Run Time: 09/24/99 11:31:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04916	2.0207	1.9234	1.1214	2.0114	.05303	10.858
SDev	.00022	.0069	.0047	.0008	.0024	.00004	.093
%RSD	.45849	.34293	.24559	.07350	.12138	.08301	.20744
#1	.04900	2.0158	1.9201	1.1208	2.0097	.05300	10.842
#2	.04932	2.0256	1.9267	1.1219	2.0131	.05307	10.873
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05100	.50506	.20784	.24244	1.0618	8.4199	8.3260
SDev	.00006	.00113	.00039	.00002	.0086	.0262	.3172
%RSD	.12759	.22407	.18696	.00720	.81187	.31136	3.8102
#1	.05104	.50426	.20756	.24242	1.0557	8.4014	8.1017
#2	.05095	.50586	.20811	.24245	1.0679	8.4384	8.5503
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	11.020	.50175	1.0392	9.3102	9.9839	.48367	.49268
SDev	.025	.00078	.0013	.0199	.0430	.00154	.00040
%RSD	.22854	.15533	.12880	.21322	.43112	.31893	.08013
#1	11.002	.50120	1.0382	9.2962	10.014	.48258	.49240
#2	11.037	.50230	1.0401	9.3243	9.9535	.48476	.49296
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.51597	2.0302	5.0885	10.889	1.0682	1.0239	1.9409
SDev	.00003	.0029	.0064	.014	.0005	.0015	.0010
%RSD	.00575	.14060	.12641	.12779	.04687	.14595	.05032
#1	.51599	2.0282	5.0839	10.879	1.0678	1.0229	1.9402
#2	.51594	2.0322	5.0930	10.899	1.0685	1.0250	1.9416
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000139

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/L	mg/l
Avge	.51023	.49115	.49835	.48985	.51413	.51088	2.0247
Stdev	.00010	.00012	.00127	.00122	.00044	.00026	.0018
%RSD	.01876	.16492	.25498	.24903	.08549	.05107	.08813
#1	.51016	.49057	.49934	.48898	.51382	.51107	2.0233
#2	.51030	.49173	.49745	.49072	.51444	.51069	2.0259
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Sr_2nd
Units	mg/L
Avge	2.0330
Stdev	.0034
%RSD	.16735
#1	2.0306
#2	2.0354
Errors	NOCHECK
High	
Low	

CCC110

Method: WLHGNEW Sample Name: 990475L-005 Operator: LMI
Run Time: 09/24/99 11:55:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Be4934	Be3130	Ca3179
Units	mg/l	mg/L	mg/L	mg/l	mg/L	mg/L	mg/l
Avge	-.00018	.12726	.00201	.21469	.05072	-.00014	70.109
Sdev	.00020	.00685	.00018	.00095	.00007	.00002	.033
%RSD	111.99	.66472	9.1057	.44054	.13010	13.952	.04672
#1	-.00032	.12666	.00215	.21402	.05077	-.00015	70.132
#2	-.00004	.12785	.00188	.21536	.05057	-.00013	70.086
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_766	K_1047
Units	mg/L	mg/L	mg/l	mg/l	mg/l	mg/L	mg/l
Avge	.00027	.00019	.00263	.00257	.12765	5.2665	4.2859
Sdev	.00003	.00007	.00006	.00006	.00481	.0139	.1671
%RSD	10.745	36.256	2.3356	2.4553	3.8246	.24410	4.0861
#1	.00029	.00023	.00258	.00252	.12429	5.2572	4.2981
#2	.00025	.00014	.00267	.00261	.13110	5.2754	4.2737
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/l	mg/l	mg/l	mg/l	mg/L	mg/L
Avge	15.136	.03721	.00871	58.970	71.475	.00038	.00081
Sdev	.010	.00006	.00027	.023	.132	.00021	.00004
%RSD	.06610	.15646	3.0731	.03830	.18401	77.322	5.3171
#1	15.143	.03725	.00890	58.954	71.380	.00017	.00078
#2	15.129	.03716	.00852	58.986	71.568	.00059	.00084
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00400

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/l	mg/l	mg/L	mg/L
Avge	.00117	.00070	4.8909	10.467	.00146	.42168	-.00049
Sdev	.00288	.00107	.0097	.020	.00042	.00055	.00053
%RSD	245.91	153.24	.19764	.19479	28.611	.13186	108.46
#1	-.00086	.00145	4.8977	10.481	.00175	.42207	-.00011
#2	.00321	-.00006	4.8840	10.452	.00116	.42129	-.00087
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	400.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

033141

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00171	.02241	.00267	-.00013	.00006	.00172	-.00012
SDev	.00028	.00005	.00323	.00155	.00229	.00546	.00375
%RSD	16.233	.20887	120.73	1208.7	3609.3	316.71	3175.9
#1	.00190	.02238	.00039	.00097	.00168	-.00214	-.00277
#2	.00151	.02245	.00496	-.00122	-.00155	.00558	.00253
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00111
SDev	.00347
%RSD	314.30
#1	.00356
#2	-.00135
Errors	NOCHECK
High	
Low	

000142

Method: WENSNEW Sample Name: 9924751-005 MS Operator: LMI
Run Time: 09/24/09 11:41:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04915	2.0609	2.0211	1.3957	2.0165	.05494	89.867
Sdev	.00036	.0005	.0009	.0002	.0033	.00005	.046
%RSD	.73306	.02480	.04668	.01475	.16361	.09496	.05172
#1	.04940	2.0703	2.0205	1.3955	2.0142	.05491	89.834
#2	.04890	2.0695	2.0218	1.3958	2.0188	.05498	89.900
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05177	.50855	.21278	.24720	1.2233	15.101	12.917
Sdev	.00012	.00010	.00046	.00061	.0028	.100	.940
%RSD	.22520	.01980	.21619	.24513	.22894	.66294	7.2805
#1	.05169	.50863	.21245	.24763	1.2254	15.172	13.582
#2	.05185	.50848	.21310	.24678	1.2213	15.030	12.252
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	27.699	.54661	1.0643	72.293	90.238	.48680	.49342
Sdev	.002	.00042	.0006	.157	.158	.00044	.00011
%RSD	.00753	.07662	.05749	.23169	.17489	.09110	.02178
#1	27.701	.54631	1.0639	72.411	90.349	.48649	.49334
#2	27.698	.54690	1.0648	72.174	90.126	.48711	.49349
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb206R	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.53699	2.0935	10.660	22.815	1.0816	1.5240	1.9274
Sdev	.00314	.0032	.012	.025	.0005	.0021	.0054
%RSD	.58557	.15130	.11351	.10895	.04739	.13489	.27828
#1	.54922	2.0957	10.652	22.796	1.0813	1.5226	1.9236
#2	.53477	2.0912	10.669	22.833	1.0820	1.5255	1.9312
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

033143

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.53005	.52552	.49764	.49131	.53875	.53611	2.0905
SDev	.00024	.00007	.00228	.00130	.00044	.00493	.0017
%RSD	.04631	.01428	.45886	.26483	.08156	.92028	.22960
#1	.53022	.52557	.49926	.49039	.53844	.53960	2.0938
#2	.52987	.52546	.49603	.49223	.53906	.53263	2.0872
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/l
Avge	2.0949
SDev	.0024
%RSD	.11579
#1	2.0966
#2	2.0932
Errors	NOCHECK
High	
Low	

000144

Analysis Report 09/24/99 11:48:21 AM page 1

Method: WENSHEW Sample Name: 9924751-005 MSD Operator: LMT
Run Time: 09/24/99 11:45:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04675	1.9998	1.9429	1.3356	1.9529	.05283	82.501
SDev	.00016	.0038	.0048	.0019	.0017	.00003	.078
%RSD	.33679	.18844	.24702	.14255	.08920	.05772	.09460
#1	.04664	2.0024	1.9463	1.3370	1.9542	.05281	82.556
#2	.04686	1.9971	1.9395	1.3343	1.9517	.05285	82.446
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04951	.48815	.20420	.23885	1.1587	14.253	11.473
SDev	.00010	.00069	.00014	.00052	.0056	.006	.280
%RSD	.20913	.14188	.07012	.21619	.48152	.04429	2.4443
#1	.04958	.48864	.20430	.23922	1.1627	14.257	11.671
#2	.04944	.48766	.20409	.23849	1.1548	14.248	11.274
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	NA5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	25.754	.52470	1.0283	68.012	83.273	.46665	.47260
SDev	.040	.00055	.0008	.084	.242	.00119	.00234
%RSD	.15443	.10421	.07810	.12419	.29004	.25517	.49609
#1	25.783	.52509	1.0289	68.072	83.444	.46749	.47426
#2	25.726	.52431	1.0277	67.952	83.102	.46581	.47094
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.51825	2.0004	10.030	21.465	1.0401	1.4554	1.8615
SDev	.00144	.0006	.014	.031	.0013	.0011	.0025
%RSD	.27824	.02804	.14421	.14451	.12607	.07219	.13240
#1	.51723	2.0008	10.040	21.487	1.0410	1.4561	1.8598
#2	.51927	2.0001	10.020	21.443	1.0391	1.4547	1.8633
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Sn_1st

000145

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.50850	.50474	.47557	.47112	.51934	.51771	2.0027
SDev	.00025	.00055	.00298	.00248	.00195	.00314	.0026
%RSD	.04884	.10973	.43716	.52579	.37545	.60561	.12857
#1	.50868	.50514	.47704	.47287	.52072	.51549	2.0009
#2	.50833	.50435	.47410	.46937	.51796	.51992	2.0045
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	So_2nd
Units	mg/l
Avge	1.9993
SDev	.0021
%RSD	.10636
#1	2.0008
#2	1.9978
Errors	NOCHECK
High	
Low	

000146

Analysis Report 09/24/99 11:52:11 AM page 1

Method: WENSNEW Sample Name: 990475A-006 Operator: LMI
Run Time: 09/24/99 11:49:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00009	.15019	.00155	.22412	.05221	-.00006	71.950
Sdev	.00024	.00231	.00159	.00105	.00001	.00005	.004
%RSD	255.05	1.5377	102.50	.47046	.02528	76.385	.00586
#1	-.00026	.15182	.00043	.22487	.05222	-.00003	71.947
#2	.00008	.14856	.00267	.22338	.05220	-.00009	71.953
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	F_7664	K_4017
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00037	.00046	.00263	.00285	.15646	5.4546	4.3663
Sdev	.00011	.00002	.00017	.00016	.00103	.0014	.0482
%RSD	32.913	3.5681	6.6016	5.6280	.65728	.02577	1.1028
#1	.00025	.00045	.00276	.00274	.15574	5.4536	4.3322
#2	.00040	.00047	.00251	.00297	.15719	5.4556	4.4003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	375.00
Low	-.00050	-.00200	-.00200	-.00200	-.04000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	NA5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	15.509	.04365	.00949	60.342	73.368	.00110	.00088
Sdev	.009	.00006	.00046	.052	.176	.00010	.00041
%RSD	.05823	.13526	4.8638	.05228	.23956	9.2138	47.303
#1	15.515	.04370	.00982	60.364	73.493	.00118	.00058
#2	15.503	.04361	.00917	60.320	73.244	.00103	.00117
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00138	.00251	5.1890	11.105	.00124	.50591	.00276
Sdev	.00194	.00016	.0062	.014	.00073	.00002	.00172
%RSD	140.64	6.3855	.11927	.12463	58.685	.00375	62.419
#1	.00275	.00262	5.1934	11.114	.00175	.50589	.00397
#2	.00001	.00239	5.1846	11.095	.00072	.50592	.00154
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000147

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00223	.02310	.00032	.00115	.00492	-.00039	-.00405
SDev	.00034	.00019	.00054	.00089	.00060	.00261	.00173
%RSD	15.201	.84555	169.26	77.450	12.114	671.49	42.799
#1	.00247	.02296	.00071	.00052	.00534	.00146	-.00282
#2	.00199	.02323	-.00006	.00178	.00450	-.00223	-.00527
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00578
SDev	.00063
%RSD	10.820
#1	.00534
#2	.00622
Errors	NOCHECK
High	
Low	

000143

Analysis Report 09/24/99 11:56:07 AM page 1

Method: WENSNEW Sample Name: 9924751-006 SD Operator: LMI
Run Time: 09/24/99 11:53:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00030	.04265	-.00033	.04856	.01120	-.00003	15.215
SDev	.00022	.00034	.00090	.00119	.00005	.00001	.019
%RSD	72.539	.80482	269.43	2.4418	.47141	19.625	.12745
#1	.00046	.04241	-.00097	.04940	.01116	-.00002	15.202
#2	.00015	.04289	.00030	.04773	.01124	-.00003	15.229
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00027	.00032	.00106	.00107	.04422	1.0568	1.5482
SDev	.00017	.00003	.00017	.00017	.00488	.0102	.3116
%RSD	62.783	10.528	16.462	15.779	11.042	.96349	20.125
#1	.00015	.00035	.00118	.00119	.04077	1.0496	1.7685
#2	.00039	.00030	.00093	.00095	.04767	1.0640	1.3279
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	3.3970	.00961	.00233	13.131	14.996	.00096	.00151
SDev	.0071	.00002	.00050	.045	.007	.00003	.00081
%RSD	.20962	.24175	21.369	.34310	.04784	2.6665	53.699
#1	3.3920	.00959	.00268	13.099	15.001	.00094	.00209
#2	3.4021	.00962	.00197	13.163	14.991	.00098	.00094
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00140	.00013	1.0984	2.3505	.00137	.10835	.00192
SDev	.00305	.00105	.0050	.0109	.00026	.00014	.00049
%RSD	217.91	829.81	.45901	.46536	19.205	.13304	25.800
#1	.00355	-.00062	1.0948	2.3428	.00155	.10824	.00157
#2	-.00076	.00087	1.1019	2.3583	.00118	.10845	.00227
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000140

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00055	.00595	.00057	.00198	.00434	-.00007	-.00134
SDev	.00071	.00010	.00066	.00089	.00258	.00321	.00215
%RSD	127.99	1.6476	116.15	44.705	59.392	4500.7	183.40
#1	.00106	.00602	.00104	.00261	.00617	.00225	-.00307
#2	.00005	.00588	.00010	.00136	.00252	-.00239	.00040
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/l
Avge	.00086
SDev	.00035
%RSD	40.919
#1	.00061
#2	.00111
Errors	NOCHECK
High	
Low	

000150

Analysis Report QC Standard 09/24/99 12:00:02 PM Page 1

Method: WINSNEW Sample Name: QCV 9909241 Operator: LNI
Run Time: 09/24/99 11:57:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca317?
Units	mg/l	mg/L	mg/L	mg/l	mg/l	mg/l	mg/l
Avge	.48240	9.7282	2.5618	2.6833	5.0265	2.6227	10.473
Sdev	.00049	.0018	.0000	.0001	.0042	.0039	.005
%RSD	.10072	.01880	.00038	.00533	.08402	.14807	.04485
#1	.48275	9.7269	2.5618	2.6832	5.0295	2.6199	10.470
#2	.48206	9.7295	2.5618	2.6834	5.0236	2.6254	10.476
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	
Range	10.000	10.000	10.000	10.000	10.000	10.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_1047
Units	mg/l	mg/L	mg/L	mg/L	mg/L	mg/l	mg/l
Avge	1.0019	2.5466	2.5843	2.4033	5.1811	10.352	9.4276
Sdev	.0014	.0012	.0019	.0006	.0122	.009	.1690
%RSD	.13966	.04707	.07517	.02669	.23455	.08568	1.8027
#1	1.0009	2.5457	2.5856	2.4037	5.1897	10.346	9.5477
#2	1.0029	2.5474	2.5829	2.4028	5.1725	10.358	9.3074
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/l	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	10.810	5.0054	2.4408	98.9568	9.8757	2.4627	.96660
Sdev	.009	.0007	.0003	.0071	.0717	.0014	.00084
%RSD	.08515	.01348	.01096	.07919	.72641	.05645	.08677
#1	10.804	5.0059	2.4406	98.9518	9.8250	2.4637	.96601
#2	10.817	5.0049	2.4410	98.9618	9.9264	2.4617	.96720
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	2.5313	2.6151	24.434	52.289	2.5372	4.8916	2.3631
Sdev	.0015	.0017	.042	.088	.0043	.0020	.0038
%RSD	.06061	.06562	.16991	.16876	.17055	.04110	.16071
#1	2.5323	2.6139	24.405	52.227	2.5341	4.8930	2.3604
#2	2.5302	2.6163	24.463	52.352	2.5403	4.8902	2.3658
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC0151

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Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	2.4857	2.4239	.98222	.95881	2.5301	2.5319	2.6329
SDev	.0005	.0013	.00198	.00027	.0010	.0018	.0103
%RSD	.01993	.05460	.20192	.02788	.03919	.07130	.38918
#1	2.4860	2.4230	.98082	.95862	2.5308	2.5331	2.6307
#2	2.4853	2.4249	.98363	.95900	2.5294	2.5306	2.6452
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.5000					
Range	10.000	10.000					

Elem	Se_2nd
Units	mg/l
Avge	2.6037
SDev	.0026
%RSD	.09804
#1	2.6055
#2	2.6019
Errors	NOCHECK
Value	
Range	

000152

Analysis Report Blank Sample 09/24/99 12:05:49 PM page 1

Method: WENSNEW Sample Name: CCB 9909240 Operator: LMI
Run Time: 09/24/99 12:02:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/l	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00022	.01345	.00158	.00406	.00007	-.00012	.00043
SDev	.00058	.00050	.00067	.00062	.00003	.00002	.00084
%RSD	268.07	3.7179	42.097	15.208	35.353	19.978	197.99
#1	.00062	.01380	.00111	.00449	.00006	-.00013	-.00017
#2	-.00019	.01309	.00205	.00362	.00009	-.00010	.00102
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/L	mg/l
Avge	.00023	.00029	.00054	.00054	.01194	.01605	.47268
SDev	.00002	.00039	.00000	.00020	.00491	.01064	.05948
%RSD	9.4479	135.06	.00202	37.834	41.133	66.332	12.584
#1	.00025	.00001	.00054	.00069	.01541	.02357	.43062
#2	.00022	.00056	.00054	.00040	.00847	.00852	.51474
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00430	.00012	.00087	.00060	-.08962	.00031	.00058
SDev	.00052	.00008	.00019	.00002	.02511	.00071	.00033
%RSD	12.122	66.102	22.104	3.7140	28.017	228.81	56.593
#1	.00393	.00007	.00100	.00058	-.10737	.00081	.00081
#2	.00467	.00018	.00073	.00061	-.07186	-.00019	.00035
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/l	mg/l	mg/L	mg/l	mg/l	mg/L	mg/l
Avge	.00071	.00098	.00285	.00610	.00099	.00002	.00145
SDev	.00171	.00115	.00250	.00536	.00012	.00000	.00041
%RSD	240.47	117.64	87.781	87.779	11.985	.00000	28.556
#1	.00192	.00016	.00462	.00989	.00108	.00002	.00115
#2	-.00050	.00179	.00108	.00232	.00091	.00002	.00174
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000153

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00066	.00001	-.00172	.00172	.00291	-.00039	-.00235
Sdev	.00025	.00031	.00078	.00010	.00058	.00285	.00271
%RSD	37.408	2143.7	45.357	5.9037	20.015	729.38	115.29
#1	.00048	.00024	-.00117	.00179	.00250	.00162	-.00043
#2	.00083	-.00021	-.00227	.00165	.00333	-.00241	-.00426
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Sn_2nd
Units	mg/L
Avge	.00264
Sdev	.00307
%RSD	116.59
#1	.00046
#2	.00481
Errors	NOCHECK
High	
Low	

000154

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Method: WLNSHLW Sample Name: 99247SF-007 Operator: LMI
Run Time: 09/24/99 12:08:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00014	.14899	.00259	.23619	.05519	-.00015	76.837
SDev	.00053	.00039	.00064	.00250	.00000	.00001	.315
%RSD	385.95	.26075	24.528	1.0608	.00000	8.2556	.41022
#1	-.00024	.14872	.00214	.23442	.05519	-.00016	76.614
#2	.00052	.14927	.00304	.23796	.05519	-.00014	77.060
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00028	.00002	.00277	.00249	.14399	5.8774	4.6647
SDev	.00012	.00017	.00004	.00041	.00335	.0834	.5099
%RSD	41.370	834.53	1.4765	16.469	2.3262	1.4193	10.930
#1	.00036	.00014	.00274	.00220	.14162	5.8184	4.3042
#2	.00020	-.00010	.00280	.00278	.14636	5.9364	5.0252
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	16.539	.04794	.00898	64.382	78.666	.00112	.00100
SDev	.085	.00012	.00050	.554	.742	.00006	.00054
%RSD	.51454	.24259	5.5370	.86116	.94386	5.7669	53.806
#1	16.479	.04786	.00863	63.990	78.141	.00107	.00137
#2	16.599	.04802	.00933	64.774	79.191	.00116	.00062
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Sn1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00213	.00269	5.5314	11.837	.00134	.53546	-.00236
SDev	.00098	.00034	.0180	.038	.00015	.00087	.00118
%RSD	46.023	12.763	.32497	.32123	11.563	.16222	50.009
#1	.00283	.00293	5.5187	11.810	.00145	.53485	-.00152
#2	.00144	.00245	5.5442	11.864	.00123	.53608	-.00319
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Sn_1st

000155

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00182	.02504	.00155	.00072	.00074	.00285	-.00194
Sdev	.00019	.00012	.00200	.00180	.00309	.00007	.00143
%RSD	10.230	.48385	129.34	250.15	420.45	2.5812	228.50
#1	.00169	.02496	.00013	.00129	.00292	.00278	-.00507
#2	.00195	.02513	.00296	-.00055	-.00145	.00288	.00119
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/l
Avge	.00500
Sdev	.00272
%RSD	54.509
#1	.00692
#2	.00307
Errors	NOCHECK
High	
Low	

000156

Method: WFBSNEW Sample Name: 9994757-008 Operator: EMI
Run Time: 09/24/99 12:12:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca317(
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00037	.40946	.00206	.15576	.07060	-.00011	96.680
SDev	.00004	.08467	.00061	.00060	.00004	.00004	.102
%RSD	11.401	20.679	29.534	.38784	.05608	33.216	.11300
#1	.00040	.46933	.00249	.15619	.07062	-.00008	96.603
#2	.00034	.34959	.00163	.15533	.07057	-.00013	96.757
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00022	.00077	.00269	.00233	.72088	4.4697	3.5531
SDev	.00001	.00002	.00011	.00029	.04668	.0219	.2048
%RSD	2.8043	2.2018	4.2150	12.574	6.4754	.49015	5.8195
#1	.00022	.00078	.00277	.00212	.75389	4.4852	3.6993
#2	.00023	.00076	.00261	.00254	.68787	4.4542	3.4069
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn257(	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	20.470	.20366	.00460	516.983	116.21	.00178	.00198
SDev	.015	.00005	.00004	.001	.12	.00055	.00038
%RSD	.07217	.02301	.83997	.00268	.10186	30.726	19.229
#1	20.460	.20362	.00463	516.982	116.29	.00140	.00171
#2	20.481	.20369	.00458	516.984	116.12	.00217	.00225
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00194	.01314	6.2460	13.367	.00078	1.1441	-.00235
SDev	.00060	.00230	.2460	.527	.00066	.0011	.00122
%RSD	30.840	17.488	3.9390	3.9390	83.636	.09317	52.180
#1	.00151	.01152	6.4200	14.239	.00032	1.1433	-.00319
#2	.00236	.01477	6.0721	12.925	.00125	1.1448	-.00147
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00300	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000157

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00327	.00978	.00114	.00240	.00319	.00131	.00963
Sbev	.00038	.00005	.00008	.00061	.00163	.00170	.00432
%RSD	11.470	.51439	7.2288	25.491	50.529	129.96	44.845
#1	.00353	.00974	.00120	.00197	.00433	.00011	.00657
#2	.00300	.00981	.00108	.00284	.00205	.00251	.01268
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/l
Avge	.01490
Sbev	.00129
%RSD	8.6612
#1	.01398
#2	.01581
Errors	NOCHECK
High	
Low	

000158

Analysis Report 09/24/99 12:18:27 PM page 1

Method: WERSNEW Sample Name: 9924751-009 Operator: LMJ
Run Time: 09/24/99 12:15:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00046	.57276	.00336	.15469	.07513	-.00003	99.845
SDev	.00020	.00468	.00128	.00125	.00007	.00000	.100
%RSD	44.098	.81617	38.174	.80813	.08782	4.3437	.10048
#1	.00032	.56945	.00245	.15381	.07518	-.00003	99.916
#2	.00060	.57606	.00427	.15558	.07508	-.00003	99.774
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00031	.00114	.00140	.00324	1.0267	4.6882	3.8776
SDev	.00006	.00020	.00002	.00059	.0067	.0035	.0708
%RSD	19.416	17.788	1.4540	18.163	.65115	.07567	1.8262
#1	.00035	.00099	.00142	.00365	1.0314	4.6907	3.8975
#2	.00026	.00128	.00139	.00282	1.0219	4.6857	3.9277
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	21.065	.15777	.00444	950.114	120.33	.00177	.00324
SDev	.020	.00028	.00012	46.882	.20	.00029	.00015
%RSD	.09729	.17692	2.5823	93.551	.16295	16.392	4.6355
#1	21.079	.15796	.00453	83.265	120.47	.00198	.00334
#2	21.051	.15757	.00436	816.963	120.19	.00157	.00313
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00194	.01411	6.7562	14.458	.00212	1.1905	-.00212
SDev	.00072	.00195	.0064	.014	.00089	.0008	.00048
%RSD	37.193	13.841	.09417	.09624	42.257	.06309	22.573
#1	.00245	.01273	6.7517	14.448	.00275	1.1910	-.00245
#2	.00143	.01549	6.7607	14.468	.00148	1.1900	-.00178
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000159

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00413	.01237	.00258	.00357	.00430	.00076	.01270
SDev	.00019	.00014	.00188	.00116	.00226	.00005	.00016
%RSD	4.4990	1.1652	72.794	32.585	52.592	6.3669	1.2591
#1	.00426	.01247	.00125	.00439	.00589	.00072	.01258
#2	.00400	.01227	.00391	.00275	.00270	.00079	.01281
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/l
Avge	.01482
SDev	.00285
%RSD	19.223
#1	.01281
#2	.01683
Errors	NOCHECK
High	
Low	

000160

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Method: WLNSNEW Sample Name: 9924751 010 Operator: LMI
Run Time: 09/24/99 12:19:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00029	1.0469	.00128	.13480	.06971	.00000	96.745
SDev	.00020	.0263	.00031	.00187	.00042	.00000	.478
%RSD	69.475	2.5164	24.520	1.3887	.60582	.98826	.49363
#1	.00015	1.0656	.00150	.13612	.07001	.00000	97.082
#2	.00043	1.0283	.00106	.13347	.06941	.00000	96.407
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00018	.00074	.00141	.00340	1.3911	4.0214	3.1025
SDev	.00003	.00005	.00037	.00031	.0285	.0126	.4475
%RSD	16.645	6.8581	26.112	9.1501	2.0464	.31451	14.425
#1	.00020	.00078	.00167	.00318	1.4112	4.0303	3.4189
#2	.00016	.00071	.00115	.00362	1.3709	4.0124	2.7860
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	20.369	.12320	.00331	S17.058	105.30	.00139	.00343
SDev	.109	.00063	.00034	.000	.48	.00029	.00050
%RSD	.53461	.50969	10.399	.00289	.45192	20.553	14.561
#1	20.446	.12364	.00356	S17.057	105.64	.00160	.00308
#2	20.292	.12275	.00307	S17.058	104.96	.00119	.00379
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00003	.00606	7.5778	16.217	.00017	1.1786	.00068
SDev	.00064	.00167	.1011	.216	.00017	.0056	.00035
%RSD	2347.1	27.489	1.3338	1.3330	98.995	.47470	51.450
#1	.00048	.00724	7.6493	16.370	.00005	1.1826	.00093
#2	-.00042	.00489	7.5063	16.064	.00029	1.1746	.00043
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000161

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00465	.01075	.00269	.00380	-.00030	.00019	.00204
Sdev	.00000	.00009	.00254	.00052	.00580	.00194	.00099
%RSD	.08519	.86876	94.551	13.695	1919.4	1013.7	48.392
#1	.00465	.01082	.00089	.00417	.00380	-.00118	.00274
#2	.00464	.01069	.00449	.00344	-.00440	.00156	.00134
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/l
Avge	.00807
Sdev	.00201
%RSD	24.851
#1	.00949
#2	.00665
Errors	NOCHECK
High	
Low	

000162

Analysis Report 09/24/99 12:25:28 PM page 1

Method: WENSNEW Sample Name: 99[illegible] Operator: LMI
Run Time: 09/24/99 12:22:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	-.00008	1.0434	.00266	.13813	.06913	.00004	101.77
SDev	.00012	.0122	.00100	.00145	.00003	.00002	.12
%RSD	150.00	1.1710	37.581	1.0492	.03818	52.921	.11859
#1	-.00016	1.0521	.00337	.13916	.06911	.00005	101.86
#2	.00000	1.0348	.00195	.13711	.06915	.00002	101.69
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/l	mg/l	mg/l	mg/L	mg/L	mg/l	mg/l
Avge	.00026	.00114	.00149	.00378	1.3693	4.1366	3.7133
SDev	.00008	.00003	.00009	.00045	.0013	.0029	.1445
%RSD	30.733	3.0004	6.1906	12.014	.09381	.06906	3.8902
#1	.00032	.00116	.00155	.00410	1.3684	4.1386	3.6112
#2	.00021	.00111	.00142	.00346	1.3702	4.1345	3.8155
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	21.417	.10604	.00393	S17.033	109.32	.00146	.00357
SDev	.029	.00016	.00038	.001	.11	.00032	.00014
%RSD	.13381	.15362	9.7207	.00736	.09952	21.622	4.0316
#1	21.437	.10615	.00420	S17.033	109.40	.00169	.00367
#2	21.397	.10592	.00366	S17.032	109.25	.00124	.00347
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/l	mg/L	mg/l	mg/L	mg/L	mg/L
Avge	.00180	.00823	7.6456	16.362	.00098	1.2418	-.00020
SDev	.00098	.00434	.0544	.117	.00079	.0015	.00075
%RSD	54.367	52.717	.71125	.71584	80.464	.11882	370.93
#1	.00249	.00516	7.6841	16.444	.00153	1.2428	.00033
#2	.00111	.01129	7.6072	16.279	.00042	1.2407	-.00073
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000163

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00521	.01404	.00178	.00446	.00600	-.00060	.00415
Sdev	.00013	.00004	.00039	.00002	.00004	.00148	.00080
%RSD	3.5564	.18378	21.761	.43775	.64241	246.30	19.265
R1	.00508	.01402	.00206	.00448	.00657	.00045	.00472
R2	.00534	.01406	.00151	.00445	.00664	-.00165	.00359
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/l
Avge	.01026
Sdev	.00690
%RSD	67.257
R1	.00538
R2	.01514
Errors	NOCHECK
High	
Low	

CC0154

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Method: WENSNEW Sample Name: 9924751-012 Operator: LMI
Run Time: 09/24/99 12:27:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00026	.74764	.00162	.13671	.06695	.00008	100.16
SDev	.00027	.00466	.00058	.00081	.00026	.00000	.07
%RSD	105.08	.62290	35.922	.59577	.39425	4.1850	.06866
#1	-.00007	.74435	.00203	.13613	.06713	.00008	100.21
#2	-.00045	.75093	.00121	.13728	.06676	.00008	100.11
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00028	.00066	.00122	.00366	1.1504	4.0929	3.1265
SDev	.00000	.00027	.00003	.00036	.0015	.0022	.1756
%RSD	.00359	41.026	2.4970	9.7410	.13209	.05347	5.6170
#1	.00028	.00085	.00125	.00391	1.1515	4.0914	3.2507
#2	.00028	.00047	.00120	.00340	1.1493	4.0945	3.0023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	20.991	.09417	.00315	S17.035	108.98	.00140	.00281
SDev	.010	.00013	.00050	.001	.07	.00045	.00067
%RSD	.04882	.13588	15.795	.00668	.06692	31.964	23.805
#1	20.998	.09426	.00350	S17.034	108.93	.00171	.00328
#2	20.984	.09408	.00280	S17.036	109.03	.00108	.00233
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00232	.00577	6.8492	14.657	.00068	1.2313	-.00225
SDev	.00013	.00500	.0244	.053	.00001	.0011	.00027
%RSD	5.4147	86.805	.35636	.35841	1.7459	.08996	12.058
#1	.00223	.00930	6.8320	14.620	.00069	1.2321	-.00206
#2	.00241	.00223	6.8665	14.695	.00067	1.2305	-.00244
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000165

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00464	.01086	.00252	.00310	.00470	.00164	.00181
Stdev	.00046	.00017	.00176	.00012	.00116	.00077	.00181
%RSD	9.934%	1.548%	69.838	3.8913	31.215	46.957	100.48
B1	.00451	.01098	.00347	.00318	.00459	.00109	.00525
B2	.00497	.01074	.00098	.00301	.00288	.00217	-.00159
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Flow	Se_2nd
Units	mg/l
Avge	.00774
Stdev	.00510
%RSD	65.90%
B1	.01135
B2	.00413
Errors	NOCHECK
High	
Low	

001166

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Method: WENSNEW Sample Name: 9994751-013 Operator: EMI
Run Time: 09/24/99 12:32:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Bn3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00054	2.2706	.00355	.12850	.07249	.00013	90.490
SDev	.00104	.0184	.00114	.00298	.00040	.00004	.966
%RSD	194.08	.80866	32.065	2.3152	.54617	31.867	1.0675
#1	.00127	2.2836	.00275	.13060	.07277	.00016	91.173
#2	-.00020	2.2576	.00436	.12640	.07221	.00010	89.807
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00027	.00206	.00243	.00530	2.6809	4.0869	4.1019
SDev	.00006	.00059	.00050	.00109	.0489	.0049	1.8270
%RSD	20.513	28.824	20.627	20.511	1.8251	.11894	44.539
#1	.00031	.00247	.00278	.00607	2.7155	4.0903	5.3938
#2	.00023	.00164	.00208	.00453	2.6463	4.0834	2.8100
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	19.274	.10354	.00392	546.502	98.793	.00304	.00346
SDev	.242	.00107	.00218	41.585	.527	.00104	.00073
%RSD	1.2580	1.0332	55.618	89.426	.53372	34.309	21.236
#1	19.445	.10430	.00546	517.097	99.166	.00378	.00398
#2	19.102	.10278	.00238	75.907	98.420	.00230	.00294
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00220	.00395	10.384	22.221	.00194	1.1108	.00126
SDev	.00390	.00140	.098	.210	.00155	.0070	.00019
%RSD	177.19	35.394	.94462	.94330	79.934	.63379	15.435
#1	.00496	.00296	10.453	22.370	.00303	1.1157	.00113
#2	-.00056	.00494	10.314	22.073	.00084	1.1058	.00140
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000167

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00150	.02801	.00493	.00273	.00258	.00201	-.00014
Sdev	.00121	.00067	.00416	.00381	.00505	.00353	.00497
%RSD	14.590	2.3336	84.388	116.64	195.14	165.48	3630.4
#1	.00215	.02929	.00199	.00427	.00416	.00436	-.00365
#2	.00744	.02834	.00787	.00048	-.00099	-.00034	.00338
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	+.00500	-.00500					

Item	Se_2nd
Units	mg/L
Avge	.00599
Sdev	.00038
%RSD	6.4292
#1	.00627
#2	.00572
Errors	NOCHECK
High	
Low	

000168

Method: WENSNEW Sample Name: 9924751-013 MS Operator: LMJ
Run Time: 09/24/99 12:36:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04729	5.0736	1.9425	1.2125	1.9597	.05302	100.94
SDev	.00100	.0089	.0077	.0004	.0046	.00012	.18
%RSD	2.1067	.17448	.39596	.02965	.18116	.21803	.17589
#1	.04659	5.0673	1.9371	1.2123	1.9572	.05294	100.81
#2	.04799	5.0799	1.9480	1.2128	1.9622	.05310	101.06
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04947	.49100	.20099	.23907	3.7064	13.054	11.242
SDev	.00009	.00135	.00056	.00050	.0112	.021	.176
%RSD	.18842	.27521	.27904	.20926	.30209	.15726	1.5177
#1	.04940	.49004	.20059	.23865	3.6986	13.038	11.122
#2	.04953	.49196	.20139	.23948	3.7143	13.067	11.362
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.50000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	29.410	.58795	.90545	S17.026	108.28	.46766	.47768
SDev	.059	.00127	.00149	.004	.12	.00064	.00014
%RSD	.19960	.21565	.14982	.02508	.17888	.13674	.02875
#1	29.369	.58705	.90439	S17.029	108.14	.46811	.47758
#2	29.452	.58885	.90650	S17.023	108.42	.46721	.47777
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.51702	2.0133	17.378	37.189	1.0153	2.0258	1.8465
SDev	.00276	.0024	.016	.033	.0030	.0020	.0046
%RSD	.53382	.12101	.08944	.08904	.29352	.09756	.24856
#1	.51506	2.0116	17.367	37.165	1.0132	2.0244	1.8433
#2	.51977	2.0150	17.389	37.212	1.0174	2.0271	1.8497
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	300.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC0169

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avgs	.51441	.53489	.48444	.42430	.51264	.52360	2.0141
Sdev	.00102	.00073	.00268	.00113	.00207	.00415	.0021
%RSD	.19858	.13705	.55259	.26617	.76854	1.0018	.10592
#1	.51369	.53429	.48255	.42510	.51345	.51407	2.0127
#2	.51513	.53532	.48634	.42350	.51384	.52224	2.0154
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.0600					
Low	-.00500	-.00500					

Elem	Sn_2nd
Units	mg/l
Avgs	2.0129
Sdev	.0026
%RSD	.13055
#1	2.0110
#2	2.0147
Errors	NOCHECK
High	
Low	

000110

Method: WEISNEW Sample Name: 9924751-013 MSD Operator: LMT
Run Time: 09/24/99 12:40:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	AL3082	As1890	B_2496	BA4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04751	5.5587	1.9706	1.2347	1.9809	.05372	99.693
SDev	.00005	.0038	.0032	.0002	.0018	.00009	.069
%RSD	.11149	.06795	.16263	.01735	.09194	.16087	.06898
#1	.04755	5.5561	1.9684	1.2345	1.9796	.05366	99.645
#2	.04747	5.5614	1.9729	1.2348	1.9822	.05378	99.742
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05011	.49712	.20338	.24083	3.2965	13.241	10.946
SDev	.00006	.00018	.00017	.00014	.0038	.008	.147
%RSD	.11608	.03728	.08552	.05927	.09666	.06247	1.3456
#1	.05007	.49609	.20326	.24073	3.2978	13.246	11.050
#2	.05015	.49725	.20351	.24094	3.2952	13.235	10.842
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	29.432	.59301	1.0189	517.036	106.63	.47373	.48350
SDev	.020	.00040	.0003	.000	.22	.00106	.00095
%RSD	.06668	.06669	.03378	.00049	.20857	.22479	.19564
#1	29.418	.59273	1.0191	517.036	106.78	.47448	.48397
#2	29.446	.59329	1.0186	517.036	106.47	.47298	.48263
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb206A	Se1960	Si2881	Si02	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.52256	2.0402	18.479	39.546	1.0392	2.0289	1.8710
SDev	.00183	.0019	.003	.006	.0013	.0018	.0027
%RSD	.35063	.09108	.01562	.01599	.12733	.08730	.14468
#1	.52121	2.0423	18.481	39.551	1.0383	2.0277	1.8690
#2	.52380	2.0396	18.477	39.542	1.0401	2.0302	1.8729
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

171330

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.52151	.54138	.49034	.47979	.52165	.52293	2.0443
Shev	.00148	.00032	.00220	.00032	.00752	.00101	.0031
%RSD	.28350	.05941	.44811	.06681	1.4414	.19258	.15066
#1	.52047	.54116	.49189	.48002	.51634	.52364	2.0421
#2	.52256	.54161	.48878	.47956	.52697	.52222	2.0465
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	2.0393
Shev	.0043
%RSD	.21207
#1	2.0423
#2	2.0362
Errors	NOCHECK
High	
Low	

000172

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Method: WINSHEW Sample Name: 9924751-014 Operator: EMI
Run Time: 09/24/99 12:43:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/l	mg/l	mg/L	mg/l	mg/l	mg/l	mg/l
Avge	-.00003	.94312	.00316	.13731	.06891	.00006	101.54
SDev	.00006	.00014	.00167	.00019	.00003	.00001	.14
%RSD	171.53	.01489	52.792	.14187	.03830	11.839	.13499
#1	.00001	.94302	.00434	.13717	.06892	.00006	101.44
#2	-.00008	.94322	.00198	.13745	.06889	.00007	101.64
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/l	mg/l	mg/l	mg/L	mg/l	mg/l	mg/l
Avge	.00017	.00115	.00115	.00364	1.4901	4.3134	2.9683
SDev	.00013	.00012	.00013	.00035	.0100	.0036	.2124
%RSD	75.350	10.165	11.511	9.5445	.67188	.08278	7.1570
#1	.00026	.00107	.00125	.00340	1.4971	4.3109	3.1185
#2	.00008	.00123	.00106	.00389	1.4830	4.3160	2.8181
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/l	mg/l	mg/l	mg/L	mg/l	mg/L	mg/l
Avge	21.443	.10567	.00426	S17.040	106.21	.00176	.00434
SDev	.031	.00002	.00138	.000	.22	.00067	.00165
%RSD	.14418	.02192	32.320	.00125	.20826	37.832	37.961
#1	21.421	.10569	.00523	S17.039	106.06	.00129	.00551
#2	21.465	.10566	.00329	S17.040	106.37	.00223	.00318
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/l	mg/l	mg/l	mg/L
Avge	.00245	.00680	7.5627	16.184	.00089	1.2196	-.00019
SDev	.00084	.00085	.0098	.021	.00161	.0013	.00030
%RSD	34.403	12.545	.12965	.13150	181.83	.10824	162.82
#1	.00305	.00620	7.5558	16.169	.00202	1.2186	.00003
#2	.00186	.00741	7.5697	16.200	-.00025	1.2205	-.00040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2139	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000173

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00568	.01236	.00417	.00443	.00344	.00196	.00433
Stev	.00044	.00010	.00251	.00152	.00091	.00127	.00059
%RSD	7.6777	.80759	55.534	33.713	26.521	64.917	13.581
#1	.00597	.01243	.00410	.00536	.00344	.00285	.00474
#2	.00555	.01229	.00563	.00350	.00345	.00106	.00391
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/l
Avge	.00004
Stev	.00157
%RSD	10.563
#1	.00693
#2	.00715
Errors	NOCHECK
High	
Low	

CC0174

Method: WERSNEW Sample Name: CCV 9909241 Operator: LMT
Run Time: 09/24/99 12:47:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/l	mg/l	mg/L	mg/L	mg/L
Avge	.48582	9.8477	2.5849	2.6917	5.0705	2.6431	10.537
SDev	.00137	.0527	.0091	.0054	.0220	.0050	.050
%RSD	.28245	.53471	.35035	.19948	.43440	.18849	.47552
#1	.48679	9.8849	2.5913	2.6955	5.0861	2.6467	10.572
#2	.48485	9.8105	2.5785	2.6879	5.0549	2.6396	10.501
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	
Range	10.000	10.000	10.000	10.000	10.000	10.000	

Elem	Cd2265	Co228R6	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/l	mg/L	mg/L	mg/l	mg/l
Avge	1.0082	2.5673	2.5971	2.4246	5.2273	10.493	9.8762
SDev	.0048	.0111	.0111	.0111	.0217	.004	.0340
%RSD	.47834	.43223	.42911	.45684	.41601	.03976	.34416
#1	1.0116	2.5751	2.6050	2.4325	5.2427	10.490	9.8522
#2	1.0047	2.5594	2.5893	2.4168	5.2120	10.496	9.9003
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	10.906	5.0352	2.4540	9.1395	9.9467	2.4744	.97385
SDev	.057	.0225	.0101	.0433	.0574	.0112	.00334
%RSD	.52232	.44683	.40980	.47422	.57698	.45373	.34269
#1	10.947	5.0511	2.4612	9.1702	9.9873	2.4824	.97621
#2	10.866	5.0193	2.4469	9.1089	9.9062	2.4665	.97149
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5404	2.6411	24.625	52.697	2.5552	4.9214	2.3885
SDev	.0097	.0137	.089	.192	.0088	.0204	.0073
%RSD	.38032	.51780	.36133	.36308	.34428	.41519	.30538
#1	2.5472	2.6508	24.688	52.833	2.5614	4.9358	2.3937
#2	2.5335	2.6314	24.562	52.562	2.5490	4.9069	2.3834
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC0175

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	2.5036	2.4348	.98546	.96796	2.5567	2.5322	2.6644
Sdev	.0094	.0092	.00382	.00309	.0167	.0062	.0128
%RSD	.37586	.37982	.38794	.61969	.65217	.24530	.47996
#1	2.5103	2.4415	.98156	.97015	2.5684	2.5366	2.6734
#2	2.4970	2.4282	.98936	.96577	2.5449	2.5279	2.6553
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.4000					
Range	10.000	10.000					

Elem	Se_2nd
Units	mg/l
Avge	2.6295
Sdev	.0141
%RSD	.53739
#1	2.6395
#2	2.6195
Errors	NOCHECK
Value	
Range	

CC0176

Method: WENSNEW Sample Name: CCB 990924B Operator: TMI
Run Time: 09/24/99 12:53:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00015	.01476	.00074	.00166	-.00005	-.00012	.00068
SDev	.00019	.00066	.00022	.00048	.00009	.00000	.00024
%RSD	126.60	4.4803	29.083	29.064	197.98	.34393	35.355
#1	.00029	.01522	.00090	.00200	.00002	-.00012	.00051
#2	.00002	.01429	.00059	.00132	-.00011	-.00012	.00085
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2786	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/l	mg/L	mg/L	mg/l	mg/l
Avge	.00015	.00010	.00014	-.00048	.00253	-.02053	.08212
SDev	.00014	.00015	.00031	.00024	.00201	.01122	.01497
%RSD	91.416	158.34	223.01	50.211	110.88	54.660	103.48
#1	.00005	.00020	.00035	-.00031	.00452	-.01259	.14220
#2	.00025	-.00001	-.00008	-.00065	.00055	-.02846	.02203
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00147	.00005	.00059	.00389	-.13274	.00001	.00014
SDev	.00104	.00005	.00027	.00028	.02152	.00014	.00051
%RSD	70.711	94.269	45.000	7.2481	16.214	1522.0	374.86
#1	.00221	.00008	.00078	.00409	-.14795	-.00009	-.00022
#2	.00074	.00002	.00041	.00369	-.11752	.00011	.00050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00025	-.00172	.00096	.00205	.00041	.00001	.00108
SDev	.00000	.00022	.00129	.00275	.00070	.00001	.00021
%RSD	.25202	18.208	134.17	134.17	170.28	70.711	19.229
#1	.00025	-.00186	.00187	.00400	-.00008	.00002	.00122
#2	.00025	-.00137	.00005	.00011	.00091	.00001	.00093
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Sn_1st

000177

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00022	-.00007	-.00288	.00164	.00501	-.00213	-.00588
SDev	.00006	.00005	.00045	.00054	.00317	.00153	.00061
%RSD	28.008	69.803	15.706	32.667	63.220	74.169	10.428
#1	-.00026	-.00010	-.00320	.00126	.00726	-.00325	-.00545
#2	-.00017	-.00004	-.00256	.00202	.00277	-.00101	-.00632
Errors	IC Pass	IC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00111
SDev	.00003
%RSD	2.2970
#1	.00113
#2	.00110
Errors	NOCHECK
High	
Low	

C33173

Analysis Report 09/24/99 01:01:20 PM page 1

Method: WENSNEW Sample Name: 9904751-015 Operator: LMT
Run Time: 09/24/99 12:58:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00050	1.3591	.00178	.13450	.07069	.00009	98.997
SDev	.00078	.0023	.00088	.00035	.00012	.00000	.001
%RSD	155.91	.16871	49.688	.25827	.16802	4.1289	.00146
#1	.00105	1.3607	.00240	.13425	.07060	.00010	98.998
#2	-.00005	1.3575	.00115	.13475	.07077	.00007	98.996
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00026	.00104	.00188	.00431	1.9288	4.2853	3.3829
SDev	.00005	.00034	.00006	.00033	.0164	.0269	.5948
%RSD	19.691	32.541	3.2733	7.6436	.84942	.62685	17.583
#1	.00022	.00128	.00192	.00454	1.9404	4.3042	3.8035
#2	.00029	.00080	.00183	.00407	1.9172	4.2663	2.9623
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	20.897	.10552	.00386	S17.064	103.78	.00204	.00357
SDev	.013	.00005	.00164	.001	.27	.00004	.00044
%RSD	.06067	.04394	42.621	.00356	.26153	1.9391	12.454
#1	20.906	.10555	.00502	S17.063	103.97	.00207	.00388
#2	20.888	.10549	.00270	S17.064	103.59	.00201	.00325
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00141	.00715	8.5682	18.336	.00139	1.1952	.00023
SDev	.00215	.00019	.0065	.013	.00085	.0015	.00039
%RSD	152.02	12.381	.07630	.07305	60.854	.12852	173.32
#1	-.00011	.00653	8.5636	18.327	.00199	1.1942	-.00005
#2	.00293	.00778	8.5728	18.346	.00079	1.1963	.00050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CCC170

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00664	.01283	.00391	.00340	.00084	.00170	.00530
SDev	.00053	.00019	.00144	.00006	.00415	.00115	.00164
%RSD	7.9464	.97426	36.912	1.6989	491.54	67.676	30.956
#1	.00702	.01296	.00493	.00356	-.00269	.00088	.00646
#2	.00627	.01269	.00289	.00343	.00378	.00251	.00414
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00808
SDev	.00215
%RSD	26.567
#1	.00656
#2	.00960
Errors	NOCHECK
High	
Low	

SS0150

Analysis Report Blank Sample 09/24/99 01:05:04 PM page 1

Method: WENSNEW Sample Name: MB 51835 Operator: LMT
Run Time: 09/24/99 13:02:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/l	mg/L	mg/l	mg/L	mg/L	mg/L
Avge	-.00018	.01276	.00164	.00219	.00001	-.00002	.00698
SDev	.00037	.00083	.00024	.00014	.00001	.00003	.00024
%RSD	205.00	6.5009	14.716	6.1856	141.41	127.94	3.4493
#1	.00008	.01335	.00147	.00210	.00000	-.00000	.00715
#2	-.00044	.01218	.00181	.00229	.00002	-.00004	.00681
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/l	mg/l	mg/l	mg/L	mg/l
Avge	.00008	-.00005	.00035	-.00055	.00907	-.00236	.27039
SDev	.00005	.00002	.00008	.00022	.01513	.00783	.37956
%RSD	64.757	34.133	23.082	40.289	166.76	331.61	140.37
#1	.00011	-.00006	.00030	-.00071	-.00163	.00318	.00200
#2	.00004	-.00004	.00041	-.00040	.01977	-.00790	.53878
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/l	mg/l	mg/L	mg/L
Avge	.00528	.00015	.00027	.02834	-.06172	.00002	.00144
SDev	.00608	.00002	.00073	.00059	.03587	.00057	.00071
%RSD	115.11	15.618	268.56	2.0942	58.118	2329.6	49.730
#1	.00098	.00013	.00078	.02876	-.03635	-.00038	.00194
#2	.00958	.00016	-.00024	.02792	-.08708	.00043	.00093
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si00	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L	mg/L
Avge	.00177	-.00097	.00307	.00658	.00082	.00003	.00069
SDev	.00245	.00013	.00156	.00335	.00075	.00001	.00188
%RSD	138.54	13.437	50.908	50.911	91.851	23.570	271.41
#1	.00351	-.00106	.00197	.00421	.00135	.00004	-.00064
#2	.00004	-.00088	.00418	.00894	.00029	.00003	.00202
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000181

Units	mg/l	mg/l	mg/L	mg/l	mg/l	mg/l	mg/l
Avge	-.00006	.00041	.00025	.00203	.00427	.00052	-.00657
SDev	.00034	.00015	.00310	.00048	.00266	.00500	.00948
%RSD	533.34	36.465	1235.9	23.515	62.211	956.32	144.27
#1	-.00030	.00052	.00244	.00169	.00239	.00406	.00013
#2	.00018	.00031	-.00194	.00236	.00615	-.00302	-.01327
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/l
Avge	.00182
SDev	.00494
%RSD	270.38
#1	-.00166
#2	.00531
Errors	NOCHECK
High	
Low	

000182

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Method: WENSNEW Sample Name: SB 9909140 Operator: LMJ
Run Time: 09/24/99 13:06:11
Comment: 51835
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04810	1.9863	1.9009	1.0872	1.9706	.05263	10.603
SDev	.00030	.0020	.0016	.0040	.0027	.00011	.003
%RSD	.61999	.10023	.08159	.36854	.13796	.20948	.03067
#1	.04789	1.9849	1.8998	1.0844	1.9725	.05271	10.605
#2	.04831	1.9877	1.9020	1.0900	1.9687	.05255	10.600
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05041	.49958	.20469	.23816	1.0321	8.1495	8.0796
SDev	.00007	.00017	.00035	.00000	.0095	.0046	.2748
%RSD	.13239	.03369	.16981	.00016	.91776	.05681	3.4006
#1	.05045	.49970	.20493	.23817	1.0388	8.1463	7.8854
#2	.05036	.49946	.20444	.23816	1.0254	8.1528	8.2739
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	10.783	.49385	1.0101	9.0170	9.7624	.47645	.48650
SDev	.008	.00021	.0005	.0045	.0622	.00010	.00010
%RSD	.07570	.04238	.04921	.04953	.63687	.02095	.02119
#1	10.777	.49399	1.0098	9.0202	9.7185	.47638	.48657
#2	10.789	.49370	1.0105	9.0139	9.8064	.47652	.48643
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.50836	2.0001	4.9386	10.569	1.0342	.99234	1.9168
SDev	.00241	.0021	.0034	.007	.0001	.00120	.0007
%RSD	.47464	.10372	.06970	.06547	.01268	.12117	.03737
#1	.51007	2.0016	4.9362	10.564	1.0343	.99319	1.9173
#2	.50666	1.9987	4.9411	10.574	1.0341	.99149	1.9163
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/l	mg/L	mg/L	mg/l	mg/l	mg/L	mg/l
Avge	.50280	.48330	.49288	.48331	.50676	.50917	2.0065
Sdev	.00031	.00005	.00011	.00025	.00280	.00292	.0006
%RSD	.06138	.01016	.16516	.05212	.55167	.43637	.33026
#1	.50301	.48326	.49346	.48313	.50873	.51074	2.0112
#2	.50258	.48333	.49231	.48349	.50478	.50759	2.0018
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	1.9969
Sdev	.0002
%RSD	.00932
#1	1.9968
#2	1.9971
Errors	NOCHECK
High	
Low	

CC0184

Analysis Report 09/24/99 01:13:10 PM Page 1

Method: WFNSNEW Sample Name: 992526T-003 Operator: LMI
Run Time: 09/24/99 13:10:21
Comment: 51835
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00029	-.01531	-.00029	.10985	.06724	-.00005	89.457
SDev	.00022	.00587	.00093	.00317	.00033	.00000	.156
%RSD	79.056	38.367	318.60	2.8845	.49070	.36503	.17489
#1	.00044	-.01116	.00036	.11209	.06747	-.00005	89.568
#2	.00013	-.01947	-.00095	.10761	.06700	-.00005	89.347
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00030	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l	mg/l
Avge	.00001	-.00045	-.00022	-.00077	.48360	6.5771	4.0739
SDev	.00022	.00116	.00072	.00167	.03451	.0097	2.3708
%RSD	3517.6	259.29	319.28	215.49	7.1367	.14816	58.196
#1	.00016	.00037	.00028	.00040	.50800	6.5702	5.7503
#2	-.00015	-.00127	-.00073	-.00195	.45919	6.5840	2.3975
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/l	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	16.650	.20325	.00466	68.659	84.705	-.00003	.00113
SDev	.039	.00064	.00034	.026	.026	.00117	.00006
%RSD	.23470	.31462	7.3965	.03774	.03105	4382.8	5.7368
#1	16.678	.20371	.00490	68.637	84.686	.00080	.00108
#2	16.623	.20280	.00441	68.674	84.724	-.00086	.00117
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si288L	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00193	-.00018	6.3039	13.491	-.00034	1.0927	-.00570
SDev	.00337	.00043	.0172	.037	.00129	.0031	.00545
%RSD	174.07	245.04	.27246	.27357	381.84	.28082	95.680
#1	-.00045	.00013	6.3160	13.517	.00057	1.0949	-.00184
#2	.00432	-.00048	6.2917	13.465	-.00125	1.0905	-.00956
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C30195

Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/l	mg/l	
Avge	-.00003	.01069	.01039	-.00349	-.01152	.00868	.00663	
SDev	.00148	.00006	.01029	.00504	.01751	.01379	.01655	
%RSD	5511.4	.59970	99.087	144.51	151.36	158.95	249.50	
#1	.00102	.01073	.00311	.00007	.00481	-.00108	-.00507	
#2	-.00108	.01064	.01767	-.00704	-.02396	.01843	.01833	
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	
High	20.000	5.5000						
Low	-.00500	-.00500						

Elem	Se_2nd
Units	mg/L
Avge	-.00358
SDev	.00891
%RSD	249.17
#1	.00272
#2	-.00987
Errors	NOCHECK
High	
Low	

CC0186

Method: WENGNEW Sample Name: 992526T-004 Operator: LMT
Run Time: 09/24/99 13:14:22
Comment: 51835
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00036	-.00852	.00617	.58908	.17915	-.00004	156.33
SDev	.00027	.00148	.00049	.00013	.00018	.00000	.01
%RSD	75.332	17.437	16.045	.02254	.10313	5.7839	.00886
#1	.00017	-.00957	.00547	.58918	.17902	-.00005	156.32
#2	.00055	-.00747	.00687	.58899	.17928	-.00004	156.34
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00010	.00369	.00547	.00133	3.8543	7.8273	6.4873
SDev	.00003	.00057	.00008	.00002	.0028	.0137	.0680
%RSD	36.035	15.540	1.4953	1.3130	.07177	.17482	1.0479
#1	.00012	.00328	.00541	.00134	3.8524	7.8177	6.4393
#2	.00007	.00409	.00553	.00132	3.8563	7.8370	6.5354
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/l	mg/L	mg/l	mg/L	mg/L
Avge	30.223	.43061	.00069	516.942	122.33	.00219	.00105
SDev	.004	.00011	.00073	.001	.14	.00035	.00086
%RSD	.01378	.02430	105.72	.00752	.11045	16.113	81.913
#1	30.220	.43053	.00120	516.941	122.23	.00244	.00044
#2	30.226	.43068	.00017	516.943	122.42	.00194	.00166
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00149	.00784	11.513	24.638	.00201	.96824	-.00302
SDev	.00005	.00155	.011	.023	.00010	.00028	.00216
%RSD	3.5519	19.813	.09392	.09272	4.7537	.02899	71.480
#1	.00153	.00894	11.521	24.654	.00207	.96804	-.00455
#2	.00146	.00674	11.505	24.622	.00194	.96844	-.00150
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC0187

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00220	.00399	.00050	.00142	.00332	.00058	.00329
SDev	.00034	.00002	.00089	.00085	.00056	.00036	.00507
%RSD	14.823	.57264	177.10	63.971	16.946	62.224	154.15
#1	.00204	.00401	-.00013	.00072	.00293	.00083	.00687
#2	.00252	.00398	.00112	.00192	.00372	.00032	-.00030
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01011
SDev	.00020
%RSD	1.9834
#1	.00997
#2	.01026
Errors	NOCHECK
High	
Low	

000133

Method: WFNCNEW Sample Name: 9905261-007 Operator: LMI
Run Time: 09/24/99 13:18:14
Comment: 51835
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00037	-.00838	.00227	.11382	.06925	-.00005	92.606
SDev	.00014	.00032	.00142	.00042	.00004	.00003	.054
%RSD	37.714	3.8498	62.537	.36820	.05718	63.687	.05827
#1	.00027	-.00860	.00126	.11411	.06928	-.00007	92.568
#2	.00047	-.00815	.00327	.11352	.06922	-.00003	92.644
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00015	.00043	.00072	.00053	.54482	6.8325	5.3217
SDev	.00011	.00025	.00018	.00053	.00438	.0022	.2039
%RSD	74.020	58.283	25.717	100.01	.80592	.03257	3.8323
#1	.00007	.00025	.00085	.00015	.54791	6.8309	5.1775
#2	.00023	.00061	.00059	.00090	.54172	6.8341	5.4659
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5089	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	17.345	.21333	.00458	70.285	87.213	.00031	.00072
SDev	.018	.00005	.00038	.036	.049	.00039	.00094
%RSD	.10413	.02184	8.3585	.05126	.05621	125.07	130.89
#1	17.332	.21330	.00485	70.311	87.248	.00004	.00138
#2	17.358	.21336	.00430	70.260	87.179	.00059	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00197	-.00196	6.5338	13.982	.00078	1.1188	-.00156
SDev	.00172	.00285	.0049	.011	.00198	.0002	.00098
%RSD	87.619	145.68	.07558	.07663	255.17	.01390	63.012
#1	.00075	-.00398	6.5303	13.974	.00217	1.1187	-.00086
#2	.00318	.00006	6.5373	13.990	-.00062	1.1189	-.00225
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000183

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avgs	.00087	.00656	.00033	.00091	.00240	.00125	-.00581
SDev	.00034	.00005	.00277	.00002	.00073	.00295	.00201
%RSD	38.931	.76559	827.23	2.5883	30.292	168.44	52.793
#1	.00111	.00660	.00229	.00092	.00291	-.00033	-.00524
#2	.00063	.00653	-.00162	.00089	.00189	.00383	-.00239
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avgs	-.00103
SDev	.00327
%RSD	316.67
#1	-.00335
#2	.00128
Errors	NOCHECK
High	
Low	

000190

Method: WRNSNEW Sample Name: 9925267-007 MS Operator: LMJ
Run Time: 09/24/99 13:21:54
Comment: 51835
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04890	1.9010	2.0323	1.2755	2.0264	.05509	104.87
SDev	.00032	.0003	.0013	.0003	.0007	.00005	.00
%RSD	.66469	.01721	.06245	.02594	.03372	.08104	.00172
#1	.04913	1.9012	2.0332	1.2757	2.0259	.05512	104.87
#2	.04867	1.9007	2.0314	1.2753	2.0268	.05506	104.87
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05179	.51119	.21101	.24474	1.6214	16.259	13.421
SDev	.00031	.00086	.00002	.00046	.0017	.039	.527
%RSD	.59146	.16836	.00970	.18925	.10602	.24285	3.9254
#1	.05201	.51180	.21102	.24507	1.6226	16.287	13.794
#2	.05157	.51059	.21099	.24441	1.6202	16.231	13.049
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	28.307	.72168	1.0678	546.727	98.521	.48778	.49583
SDev	.015	.00003	.0000	41.926	.244	.00086	.00102
%RSD	.05338	.00483	.00358	89.725	.24757	.17599	.20621
#1	28.318	.72165	1.0679	517.081	98.694	.48717	.49655
#2	28.297	.72170	1.0678	76.373	98.349	.48839	.49510
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.53850	2.0911	11.759	25.166	1.0891	2.1057	1.9323
SDev	.00049	.0003	.006	.012	.0001	.0007	.0014
%RSD	.09092	.01508	.04760	.04642	.00656	.03351	.07120
#1	.53815	2.0908	11.763	25.174	1.0890	2.1052	1.9333
#2	.53884	2.0913	11.755	25.157	1.0891	2.1062	1.9314
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC0191

Units	mg/l	mg/L	mg/l	mg/L	mg/L	mg/L	mg/l
Avge	.53031	.51006	.49908	.49376	.54074	.54738	2.0956
SDev	.00018	.00073	.00134	.00087	.00166	.00010	.0047
%RSD	.03490	.14408	.26724	.17536	.30735	.01783	.22204
#1	.53044	.51058	.50092	.49437	.53956	.54745	2.0924
#2	.53018	.50954	.49903	.49314	.54191	.53731	2.0989
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	2.0888
SDev	.0019
%RSD	.08860
#1	2.0901
#2	2.0875
Errors	NOCHECK
High	
Low	

000192

Method: WENSNEW Sample Name: 992526T-007 MSD Operator: LM1
Run Time: 09/24/99 13:25:32
Comment: 51835
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04760	1.8550	1.9705	1.2471	1.9739	.05365	101.89
SDev	.00016	.0079	.0079	.0058	.0075	.00025	.41
%RSD	.32706	.42414	.40049	.46451	.37775	.46232	.40203
#1	.04771	1.8606	1.9841	1.2512	1.9792	.05382	102.18
#2	.04749	1.8495	1.9728	1.2430	1.9686	.05347	101.60
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	+.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05018	.49788	.20503	.23816	1.5782	15.766	13.259
SDev	.00032	.00215	.00098	.00024	.0095	.034	.173
%RSD	.63400	.43152	.47881	.10005	.60396	.21743	1.3031
#1	.05040	.49940	.20573	.23832	1.5850	15.790	13.381
#2	.04995	.49636	.20434	.23799	1.5715	15.741	13.137
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	27.529	.70227	1.0453	546.006	95.356	.47445	.48108
SDev	.126	.00298	.0060	40.874	.294	.00150	.00205
%RSD	.45741	.42406	.57180	88.845	.30845	.31523	.42700
#1	27.618	.70438	1.0475	517.104	95.564	.47550	.48254
#2	27.440	.70017	1.0390	74.909	95.148	.47339	.47963
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.52433	2.0294	11.470	24.546	1.0624	2.0550	1.8845
SDev	.00061	.0101	.045	.095	.0049	.0082	.0079
%RSD	.11585	.49931	.39103	.38863	.45889	.40034	.41855
#1	.52476	2.0366	11.502	24.613	1.0659	2.0608	1.8901
#2	.52390	2.0222	11.439	24.478	1.0590	2.0492	1.8790
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	420.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000193

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/L
Avge	.51578	.49600	.48488	.47969	.52675	.52413	2.0319
Sdev	.00288	.00287	.00442	.00687	.00288	.00235	.0052
%RSD	.55754	.57886	.91316	.18016	.54705	.44908	.25769
#1	.51781	.49803	.48700	.48031	.52472	.52479	2.0355
#2	.51375	.49398	.48075	.47907	.52879	.52146	2.0281
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Sc_2nd
Units	mg/L
Avge	2.0282
Sdev	.0126
%RSD	.62016
#1	2.0371
#2	2.0193
Errors	NOCHECK
High	
Low	

CC0194

Method: WFNSNEW Sample Name: 990548[illegible]-003 Operator: LMJ
Run Time: 09/24/99 13:29:54
Comment: 51835
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/l	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00024	2.8842	.00587	.19171	.17243	.00035	95.198
SDev	.00018	.0049	.00044	.00149	.00005	.00001	.153
%RSD	74.854	.17074	7.5556	.77900	.03061	1.8023	.16055
#1	-.00011	2.8877	.00618	.19277	.17247	.00036	95.306
#2	-.00037	2.8808	.00555	.19066	.17240	.00035	95.090
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/l	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	-.00014	.00173	.00298	.00441	69.488	5.0171	3.7474
SDev	.00004	.00010	.00037	.00000	.091	.0220	.1133
%RSD	30.210	5.8904	12.348	.03699	.14064	.43943	3.0234
#1	-.00016	.00180	.00324	.00441	69.558	5.0327	3.8275
#2	-.00011	.00166	.00272	.00440	69.419	5.0015	3.6673
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	17.842	.97150	.00102	517.078	99.978	.00295	.08689
SDev	.024	.00184	.00080	.002	.202	.00007	.00067
%RSD	.13238	.18910	78.989	.01294	.20211	2.5032	.77395
#1	17.859	.97280	.00159	517.076	100.12	.00290	.08641
#2	17.826	.97020	.00045	517.079	99.835	.00301	.08737
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00385	.00404	13.183	28.212	.00001	1.0475	-.00823
SDev	.00005	.00153	.032	.068	.00054	.0017	.00021
%RSD	1.3001	37.932	.24028	.24187	6364.0	.16367	2.5140
#1	.00388	.00512	13.205	28.260	-.00037	1.0487	-.00838
#2	.00381	.00295	13.160	28.163	.00039	1.0463	-.00808
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000195

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01401	.02502	.08670	.08699	.00539	.00307	-.00398
SDev	.00060	.00015	.00011	.00095	.00201	.00108	.00175
%RSD	4.3103	.61867	.12736	1.0957	37.266	35.017	43.961
#1	.01358	.02491	.08662	.08631	.00397	.00383	-.00275
#2	.01443	.02513	.08677	.08766	.00681	.00231	-.00522
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00804
SDev	.00142
%RSD	17.671
#1	.00904
#2	.00704
Errors	NOCHECK
High	
Low	

000196

Method: WENSNEW Sample Name: 992548f-003 SD Operator: LMI
Run Time: 09/24/99 13:36:06
Comment: 51835
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00003	.64231	.00286	.04287	.04777	.00012	19.877
SDev	.00108	.00439	.00013	.00337	.00017	.00005	.206
%RSD	3118.1	.68321	4.3664	7.8626	.45426	40.872	1.0361
#1	.00080	.64542	.00294	.04526	.03789	.00015	20.023
#2	-.00073	.63921	.00277	.04049	.03764	.00009	19.732
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00013	.00073	.00114	.00099	14.745	.97457	1.6263
SDev	.00030	.00084	.00071	.00154	.146	.01161	1.0962
%RSD	224.05	115.93	62.087	156.30	.98756	1.1914	67.402
#1	.00034	.00132	.00164	.00208	14.848	.98278	2.4015
#2	-.00008	.00013	.00064	-.00010	14.642	.96636	.85123
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00300	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	3.8643	.20731	-.00023	17.701	20.254	.00168	.01829
SDev	.0538	.00187	.00019	.051	.239	.00069	.00009
%RSD	1.3933	.90278	82.000	.28572	1.1806	41.150	.48278
#1	3.9024	.20863	-.00037	17.737	20.424	.00216	.01835
#2	3.8262	.20598	-.00010	17.665	20.085	.00119	.01823
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00070	-.00075	2.7572	5.9006	-.00046	.22490	.00172
SDev	.00106	.00132	.0344	.0738	.00033	.00124	.00468
%RSD	151.58	175.94	1.2458	1.2510	73.330	.55318	271.45
#1	.00005	.00018	2.7815	5.9528	-.00022	.22578	.00504
#2	-.00145	-.00168	2.7329	5.8484	-.00069	.22402	-.00159
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	420.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC2137

Units	mg/l	mg/l	mg/L	mg/l	mg/L	mg/l	mg/l
Avge	.00387	.01061	.01528	.01980	.00572	-.00390	-.00658
SDev	.00079	.00025	.00280	.00155	.00591	.00046	.00462
%RSD	20.341	2.3677	18.350	7.7384	68.440	9.3032	70.260
#1	.00442	.01079	.01429	.02088	.00849	-.00416	-.00985
#2	.00331	.01043	.01726	.01871	.00295	-.00365	-.00331
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Flow	Se_2nd
Units	mg/l
Avge	.00216
SDev	.00428
%RSD	198.02
#1	.00519
#2	-.00087
Errors	NOCHECK
High	
Low	

CC193

Analysis Report 09/24/99 01:42:29 PM page 1

Method: WENSNEW Sample Name: 992475D-00(Operator: LMT
Run Time: 09/24/99 13:39:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00060	.04003	.00088	.23236	.05019	-.00001	73.580
SDev	.00007	.00734	.00092	.00247	.00016	.00010	.287
%RSD	11.464	18.345	105.22	1.0623	.31557	882.44	.39007
#1	.00055	.03484	.00022	.23062	.05030	.00006	73.783
#2	.00065	.04522	.00153	.23411	.05007	-.00008	73.377
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00032	.00130	.00289	.00295	.03287	6.0152	6.1649
SDev	.00005	.00083	.00124	.00087	.03557	.0433	1.8780
%RSD	15.193	63.828	42.776	29.590	108.22	.71925	30.462
#1	.00028	.00071	.00207	.00233	.00772	6.0458	4.8370
#2	.00035	.00188	.00377	.00357	.05802	5.9846	7.4928
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	NA5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	15.876	.03334	.00906	60.342	73.065	.00205	.00036
SDev	.027	.00006	.00107	.349	.548	.00072	.00021
%RSD	.16957	.17336	11.823	.57830	.74949	35.149	59.544
#1	15.895	.03330	.00830	60.588	73.452	.00154	.00051
#2	15.857	.03338	.00982	60.095	72.678	.00256	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00080	.00719	5.2851	11.311	.00656	.50809	.00621
SDev	.00110	.00080	.0202	.043	.00179	.00319	.00563
%RSD	137.76	11.123	.38289	.38421	27.266	.62709	90.607
#1	-.00002	.00663	5.2994	11.341	.00529	.51034	.00223
#2	-.00158	.00776	5.2708	11.280	.00782	.50583	.01019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CCC193

Units	mg/l	mg/l	mg/l	mg/L	mg/L	mg/L	mg/l
Avge	.00261	.01573	-.00513	.00310	.00896	-.00567	.01124
Sdev	.00115	.00029	.00742	.00338	.01047	.00688	.01073
%RSD	43.887	1.2824	144.69	109.22	116.89	121.29	95.452
#1	.00180	.01587	.00012	.00071	.00155	-.00081	.01883
#2	.00342	.01559	-.01038	.00549	.01636	-.01053	.00366
Errors	IC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Sb_2nd
Units	mg/L
Avge	.00517
Sdev	.00656
%RSD	126.87
#1	.00053
#2	.00981
Errors	NOCHECK
High	
Low	

C00200

Method: WHSNEW Sample Name: 9924750-006 SD Operator: LMI
Run Time: 09/24/99 13:43:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00027	.02038	.00086	.04517	.01010	-.00010	14.590
SDev	.00038	.00101	.00055	.00114	.00000	.00001	.058
%RSD	142.42	4.9644	63.848	2.5321	.00004	9.1165	.40037
#1	.00000	.02109	.00047	.04598	.01010	-.00010	14.549
#2	-.00054	.01966	.00125	.04436	.01010	-.00009	14.631
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00026	-.00011	.00045	.00019	.00381	1.0462	.89729
SDev	.00011	.00051	.00046	.00046	.01073	.0046	.7109e
%RSD	41.936	478.17	102.59	238.24	281.17	.44260	79.234
#1	.00034	.00025	.00077	.00052	.01140	1.0429	1.4000
#2	.00019	-.00046	.00012	-.00013	-.00377	1.0495	.39457
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn257A	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	3.2538	.00675	.00173	12.687	14.384	.00058	.00069
SDev	.0082	.00001	.00073	.044	.080	.00032	.00058
%RSD	.25087	.17061	41.979	.35002	.61513	55.950	83.784
#1	3.2481	.00676	.00122	12.655	14.446	.00081	.00110
#2	3.2596	.00675	.00224	12.718	14.321	.00035	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/l	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00148	.00114	1.0170	2.1765	.00144	.10314	.00013
SDev	.00113	.00419	.0019	.0042	.00089	.00032	.00007
%RSD	76.751	369.17	.18804	.19487	62.027	.30893	54.744
#1	.00068	.00410	1.0157	2.1735	.00091	.10291	.00008
#2	.00228	-.00183	1.0184	2.1795	.00207	.10336	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

033201

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00018	.00427	.00135	.00036	.00106	.00169	.00206
SDev	.00025	.00005	.00070	.00052	.00182	.00079	.00588
%RSD	138.91	1.2020	51.544	144.89	172.05	46.977	284.81
#1	.00035	.00423	.00185	.00072	-.00023	.00113	.00622
#2	.00000	.00430	.00086	-.00001	.00234	.00225	-.00209
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00067
SDev	.00335
%RSD	498.44
#1	.00304
#2	-.00170
Errors	NOCHECK
High	
Low	

033902

Analysis Report QC Standard 09/24/99 01:50:29 PM page 1

Method: WENSNEW Sample Name: CCV 9909241 Operator: LMI
Run Time: 09/24/99 13:47:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L	mg/L
Avge	.48368	9.8097	2.5930	2.6863	5.0110	2.6411	10.570
SDev	.00003	.0156	.0048	.0015	.0070	.0069	.012
%RSD	.00508	.15948	.18365	.05624	.14011	.26166	.11395
#1	.48370	9.7986	2.5896	2.6853	5.0061	2.6362	10.561
#2	.48366	9.8208	2.5964	2.6874	5.0160	2.6460	10.578
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	
Range	10.000	10.000	10.000	10.000	10.000	10.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/l	mg/L	mg/L	mg/L	mg/l
Avge	1.0130	2.5707	2.5959	2.4032	5.2229	10.514	9.8181
SDev	.0016	.0018	.0026	.0009	.0111	.011	.0368
%RSD	.16164	.06835	.10123	.03741	.21250	.10385	.37504
#1	1.0118	2.5695	2.5941	2.4025	5.2151	10.522	9.7921
#2	1.0141	2.5720	2.5978	2.4038	5.2308	10.506	9.8442
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	10.959	5.0322	2.4564	9.1216	9.8884	2.4854	.98143
SDev	.014	.0049	.0019	.0087	.0729	.0022	.00007
%RSD	.12361	.09756	.07628	.09540	.73758	.08780	.00720
#1	10.950	5.0287	2.4550	9.1155	9.9400	2.4839	.98148
#2	10.969	5.0356	2.4577	9.1278	9.8368	2.4870	.98138
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5458	2.6529	24.623	52.694	2.5654	4.8855	2.3900
SDev	.0051	.0066	.028	.059	.0075	.0066	.0072
%RSD	.20111	.24851	.11537	.11283	.29273	.13486	.29980
#1	2.5494	2.6575	24.603	52.652	2.5601	4.8808	2.3950
#2	2.5422	2.6482	24.643	52.736	2.5707	4.8901	2.3849
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000203

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avgo	2.4975	2.4359	.99814	.97594	2.5529	2.5423	2.6860
SDev	.0031	.0024	.00287	.00133	.0021	.0066	.0064
%RSD	.12235	.09952	.28773	.13652	.08264	.26050	.23834
#1	2.4953	2.4342	1.0005	.97200	2.5544	2.5469	2.6914
#2	2.4996	2.4376	.99641	.97988	2.5514	2.5376	2.6823
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.5000					
Range	10.000	10.000					

Elem	Se_2nd
Units	mg/L
Avgo	2.6359
SDev	.0067
%RSD	.25317
#1	2.6406
#2	2.6312
Errors	NOCHECK
Value	
Range	

C00224

Method: WLNSNEW Sample Name: CCB 9909248 Operator: LMT
Run Time: 09/24/99 13:53:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00018	.01558	.00195	.00169	.00003	-.00015	.00051
SDev	.00010	.00117	.00180	.00017	.00001	.00000	.00048
%RSD	11.189	7.5014	92.570	10.273	47.138	.17412	94.281
#1	-.00095	.01475	.00323	.00157	.00004	-.00015	.00085
#2	-.00081	.01641	.00067	.00182	.00002	-.00015	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00003	.00025	.00012	-.00052	.00850	.00197	-.06610
SDev	.00001	.00020	.00017	.00009	.00922	.00217	.04532
%RSD	45.637	81.154	150.01	17.006	108.38	109.86	68.568
#1	.00002	.00039	.00024	-.00046	.01502	.00044	-.09814
#2	.00004	.00011	-.00001	-.00059	.00199	.00350	-.03405
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00012	.00011	.00000	.00748	-.18854	.00060	.00036
SDev	.00156	.00003	.00096	.00026	.02630	.00026	.00005
%RSD	1272.8	32.747	880270.	3.5107	13.952	43.608	13.220
#1	-.00098	.00008	.00068	.00767	-.16994	.00041	.00039
#2	.00123	.00013	-.00068	.00730	-.20714	.00078	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00118	-.00304	.00462	.00989	.00092	.00001	.00061
SDev	.00066	.00178	.00069	.00149	.00015	.00000	.00012
%RSD	55.610	58.444	15.043	15.044	16.867	28.284	19.615
#1	.00072	-.00430	.00511	.01094	.00103	.00002	.00069
#2	.00165	-.00178	.00413	.00884	.00081	.00001	.00052
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00024	-.00019	-.00127	.00117	.00905	-.00274	-.00464
SDev	.00003	.00017	.00022	.00004	.00542	.00072	.00219
%RSD	14.014	88.018	17.508	3.3891	37.746	-26.180	47.129
#1	-.00021	-.00031	-.00111	.00114	.00663	-.00223	-.00618
#2	-.00026	-.00007	-.00142	.00120	.01146	-.00325	-.00309
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	-.00224
SDev	.00157
%RSD	70.123
#1	-.00336
#2	-.00113
Errors	NOCHECK
High	
Low	

000208

Analysis Report 09/24/99 01:59:53 PM page 1

Method: WENONEW Sample Name: 9924750-009 Operator: LMI
Run time: 09/24/99 13:57:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00001	.03759	.00085	.22979	.05020	-.00013	73.976
SDev	.00030	.00032	.00315	.00077	.00004	.00001	.056
%RSD	2329.4	.86326	369.12	.33344	.07888	9.9929	.07538
#1	-.00022	.03782	-.00138	.22925	.05022	-.00014	74.015
#2	.00020	.03736	.00309	.23034	.05017	-.00012	73.937
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00029	.00064	.00234	.00176	.01062	6.0317	4.9531
SDev	.00006	.00024	.00004	.00001	.01000	.0062	.2549
%RSD	21.082	36.971	1.7516	.52700	101.64	.10273	5.1468
#1	.00033	.00047	.00231	.00177	.01826	6.0360	4.7729
#2	.00024	.00081	.00236	.00175	.00299	6.0273	5.1334
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/l	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	16.017	.03145	.00814	61.121	73.802	.00193	-.00011
SDev	.009	.00011	.00038	.100	.222	.00050	.00054
%RSD	.05530	.33259	4.6967	.16309	.30133	26.009	481.35
#1	16.024	.03152	.00787	61.191	73.959	.00158	.00027
#2	16.011	.03137	.00841	61.050	73.645	.00229	-.00050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00118	.00462	5.1733	11.071	.00360	.50738	.00342
SDev	.00069	.00255	.0050	.011	.00077	.00053	.00088
%RSD	57.923	55.247	.09745	.09745	21.528	.10391	25.633
#1	.00167	.00282	5.1768	11.078	.00305	.50775	.00280
#2	.00070	.00643	5.1697	11.063	.00415	.50701	.00403
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000207

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00193	.01634	-.00019	-.00008	-.00113	.00234	.00913
SDev	.00031	.00003	.00096	.00129	.00484	.00139	.00206
%RSD	15.912	.15828	508.11	1715.6	428.88	59.386	22.614
#1	.00171	.01635	-.00086	.00014	.00209	.00136	.00767
#2	.00215	.01632	.00049	-.00099	-.00455	.00332	.01059
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00237
SDev	.00280
%RSD	117.99
#1	.00039
#2	.00435
Errors	NOCHECK
High	
Low	

000208

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Method: WENSNEW Sample Name: 9924750-005 PDS Operator: LMI
Run Time: 09/24/99 14:01:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04563	1.9318	2.1814	1.4030	1.9678	.05332	83.108
SDev	.00010	.0065	.0113	.0037	.0075	.00013	.300
%RSD	.21963	.33406	.52006	.26407	.38027	.24137	.36086
#1	.04570	1.9272	2.1734	1.4003	1.9625	.05323	82.896
#2	.04556	1.9363	2.1894	1.4056	1.9730	.05341	83.320
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02559	.50016	.20775	.23388	1.0589	19.029	16.137
SDev	.00030	.00151	.00074	.00122	.0147	.008	.329
%RSD	1.1516	.30115	.35459	.52101	1.3912	.04312	2.0361
#1	.02538	.49909	.20723	.23302	1.0485	19.014	15.905
#2	.02579	.50122	.20827	.23474	1.0693	19.026	16.370
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	NA5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	26.483	.52341	1.0873	68.192	82.681	.47509	.48225
SDev	.094	.00200	.0049	.085	.065	.00172	.00009
%RSD	.35414	.38227	.44668	.12446	.07808	.36221	.01896
#1	26.416	.52200	1.0838	68.132	82.635	.47387	.48218
#2	26.549	.52483	1.0907	68.252	82.727	.47631	.48231
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.52945	2.2931	10.728	22.958	1.1236	1.4869	1.9013
SDev	.00286	.0042	.015	.033	.0017	.0054	.0049
%RSD	.53936	.18186	.14099	.14164	.15065	.36173	.25579
#1	.52743	2.2902	10.717	22.935	1.1224	1.4831	1.8979
#2	.53147	2.2961	10.738	22.981	1.1248	1.4907	1.9048
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.51510	.52070	.48217	.48229	.53209	.52564	2.3416
SDev	.00133	.00226	.00544	.00285	.01130	.00136	.0125
%RSD	.25902	.43419	1.1275	.59118	2.1045	.25906	.53707
#1	.51415	.51910	.48602	.48027	.52910	.52660	2.3404
#2	.51604	.52229	.47833	.48430	.54508	.52468	2.3227
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	2.2739
SDev	.0125
%RSD	.54989
#1	2.2651
#2	2.2827
Errors	NOCHECK
High	
Low	

C02210

Method: WENONEW Sample Name: 9924751-005 MSD Operator: LMI
Run Time: 09/24/99 14:04:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	BA4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04493	1.9204	2.1640	1.3976	1.9562	.05290	82.578
SDev	.00038	.0016	.0012	.0009	.0027	.00012	.069
%RSD	.83502	.08465	.05346	.06199	.13965	.23270	.08401
#1	.04466	1.9215	2.1632	1.3983	1.9581	.05299	82.627
#2	.04519	1.9192	2.1648	1.3970	1.9542	.05282	82.529
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02530	.49705	.20614	.23227	1.0487	18.856	15.258
SDev	.00020	.00059	.00034	.00042	.0016	.002	1.051
%RSD	.79620	.11872	.16363	.18017	.15213	.01258	6.8873
#1	.02516	.49747	.20590	.23198	1.0476	18.855	14.515
#2	.02544	.49663	.20638	.23257	1.0498	18.858	16.001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	26.290	.52003	1.0822	67.801	82.190	.47268	.47787
SDev	.022	.00064	.0004	.072	.173	.00023	.00089
%RSD	.08390	.12304	.03887	.10637	.21094	.04901	.18531
#1	26.306	.52048	1.0819	67.750	82.067	.47252	.47850
#2	26.274	.51958	1.0825	67.852	82.312	.47284	.47725
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.52883	2.2721	10.648	22.788	1.1165	1.4794	1.8867
SDev	.00256	.0008	.017	.036	.0014	.0018	.0006
%RSD	.48379	.03697	.15641	.15706	.12599	.12050	.02970
#1	.53063	2.2727	10.660	22.813	1.1175	1.4806	1.8863
#2	.52702	2.2715	10.637	22.763	1.1155	1.4781	1.8871
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

033211

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.51029	.51792	.47858	.47752	.53344	.52652	2.3142
SDev	.00058	.00022	.00250	.00008	.00330	.00548	.0048
%RSD	.11447	.04258	.52272	.01648	.61895	1.0416	.20854
#1	.51071	.51807	.48035	.47758	.53110	.53040	2.3176
#2	.50988	.51776	.47681	.47747	.53577	.52264	2.3108
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	2.2511
SDev	.0011
%RSD	.05110
#1	2.2503
#2	2.2519
Errors	NOCHECK
High	
Low	

000012

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Method: WFNSNEW Sample Name: 992475D-007 Operator: LM1
Run Time: 09/24/99 14:08:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00020	.03606	.00042	.22849	.04932	-.00014	72.123
SDev	.00026	.00046	.00036	.00024	.00009	.00000	.441
%RSD	132.65	1.2871	86.534	.10544	.18732	1.4717	.61187
#1	-.00038	.03573	.00068	.22866	.04938	-.00014	72.435
#2	-.00001	.03638	.00016	.22832	.04925	-.00014	71.811
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00022	.00063	.00235	.00218	.00609	5.9640	4.5746
SDev	.00017	.00005	.00014	.00041	.00025	.0232	.3994
%RSD	79.144	8.0150	6.0915	18.774	4.1784	.38860	8.7305
#1	.00034	.00066	.00225	.00189	.00627	5.9803	4.2922
#2	.00010	.00059	.00245	.00247	.00591	5.9476	4.8570
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	NA5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	15.525	.03627	.00957	60.142	72.513	.00164	-.00008
SDev	.087	.00036	.00027	.271	.341	.00036	.00031
%RSD	.56160	.99434	2.7962	.45132	.46993	22.178	400.75
#1	15.586	.03652	.00938	60.334	72.754	.00138	-.00029
#2	15.463	.03601	.00976	59.950	72.272	.00189	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00257	.00847	5.2396	11.213	.00357	.49935	.00378
SDev	.00144	.00114	.0324	.069	.00069	.00343	.00099
%RSD	55.841	13.454	.61781	.61517	19.345	.68591	26.160
#1	.00359	.00928	5.2625	11.262	.00406	.50177	.00308
#2	.00156	.00767	5.2167	11.164	.00308	.49692	.00448
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	300.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C6213

Units	mg/l	mg/l	mg/L	mg/l	mg/l	mg/l	mg/l
Avge	.00204	.01565	-.00132	.00050	.00626	.00073	.01540
Sdev	.00028	.00022	.00123	.00016	.00044	.00095	.00279
%RSD	13.594	1.4123	100.89	31.548	32.019	127.60	17.860
#1	.00185	.01581	-.00210	.00061	.00798	.00169	.01363
#2	.00224	.01549	-.00035	.00039	.00452	.00007	.01757
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00492
Sdev	.00310
%RSD	63.065
#1	.00711
#2	.00272
Errors	NOCHECK
High	
Low	

FI2000

Method: WINSNEW Sample Name: 9924750-008 Operator: LMF
Run Time: 09/24/99 14:13:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00078	-.01293	.00142	.16117	.06275	-.00011	96.843
Sdev	.00106	.00407	.00097	.00027	.00019	.00001	.249
%RSD	135.44	31.472	68.075	.16474	.29445	9.0590	.25708
#1	.00154	-.01005	.00073	.16098	.06288	-.00011	97.019
#2	.00003	-.01581	.00210	.16136	.06267	-.00012	96.667
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00153	.00079	.00063	.00161	.00191	4.8499	3.8075
Sdev	.00001	.00032	.00004	.00010	.00156	.0164	.6288
%RSD	.80159	40.358	6.4948	6.1042	82.101	.33522	16.515
#1	.00152	.00102	.00060	.00168	.00080	4.9116	4.2521
#2	.00154	.00057	.00066	.00154	.00301	4.8883	3.3628
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	20.466	.15102	.00492	S16.986	115.96	.00022	.00022
Sdev	.039	.00060	.00008	.007	.16	.00003	.00081
%RSD	.19094	.40060	17.873	.04191	.13507	1.3663	364.35
#1	20.494	.15144	.00430	S16.981	116.07	.00024	.00079
#2	20.438	.15059	.00554	S16.991	115.85	.00020	-.00035
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00163	.02197	5.3814	11.516	.00618	1.1304	.00367
Sdev	.00412	.00456	.0168	.035	.00159	.0047	.00243
%RSD	253.18	20.749	.31271	.30627	25.660	.41440	66.254
#1	.00454	.01875	5.3933	11.541	.00730	1.1337	.00195
#2	-.00129	.02520	5.3695	11.491	.00506	1.1271	.00539
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC6215

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00238	.00779	.00054	.00006	.00179	.00156	.03167
SDev	.00009	.00032	.00317	.00050	.00047	.00594	.00062
%RSD	3.9444	4.0642	591.06	590.89	26.533	384.15	1.9112
#1	.00232	.00802	.00278	-.00020	.00212	.00574	.03145
#2	.00245	.00757	-.00171	.00053	.00145	-.00265	.03190
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01713
SDev	.00668
%RSD	38.968
#1	.01241
#2	.02185
Errors	NOCHECK
High	
Low	

016336

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Method: WENGNEW Sample Name: 992475D-009 Operator: LMT
Run Time: 09/24/99 14:17:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00011	-.01748	.00171	.15026	.05890	-.00008	94.618
SDev	.00014	.00025	.00034	.00086	.00003	.00002	.278
%RSD	123.35	1.4449	19.633	.56969	.04481	30.865	.29329
#1	.00021	-.01766	.00147	.15087	.05892	-.00006	94.422
#2	.00001	-.01731	.00195	.14966	.05888	-.00009	94.814
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00046	.00045	.00011	.00099	-.00314	4.7931	3.6873
SDev	.00011	.00000	.00039	.00029	.00308	.0000	.3456
%RSD	23.132	.12393	358.50	29.567	98.069	.00048	9.3718
#1	.00053	.00045	.00038	.00170	-.00532	4.7931	3.9317
#2	.00038	.00045	-.00017	.00079	-.00096	4.7931	3.4430
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	19.944	.07200	.00476	S16.986	114.60	.00189	.00024
SDev	.068	.00024	.00057	.005	.01	.00036	.00099
%RSD	.33962	.33926	12.053	.02943	.00939	18.873	409.05
#1	19.896	.07183	.00516	S16.989	114.59	.00214	-.00046
#2	19.992	.07218	.00435	S16.982	114.61	.00163	.00094
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00028	.01676	5.2731	11.285	.00640	1.1154	-.00025
SDev	.00008	.00256	.0146	.031	.00032	.0018	.00017
%RSD	30.028	15.278	.27760	.27497	5.0308	.15881	66.851
#1	-.00034	.01495	5.2627	11.263	.00663	1.1141	-.00013
#2	-.00022	.01857	5.2834	11.307	.00617	1.1166	-.00037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C99217

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avgo	.00225	.00678	-.00007	.00040	.00373	-.00028	.03277
SDev	.00022	.00019	.00027	.00162	.00313	.00143	.00123
%RSD	9.6190	2.8535	378.06	406.33	83.807	62.909	3.7417
#1	.00240	.00691	.00012	-.00075	.00152	-.00127	.03363
#2	.00210	.00664	-.00026	.00154	.00594	-.00329	.03190
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Flam	Se_2nd
Units	mg/L
Avgo	.00877
SDev	.00445
%RSD	50.763
#1	.00562
#2	.01192
Errors	NOCHECK
High	
Low	

000218

Method: WENCNEW Sample Name: 9924750-010 Operator: LMJ
Run Time: 09/24/99 14:21:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00050	-.01386	.00131	.13199	.05265	-.00001	93.574
SDev	.00040	.00099	.00165	.00090	.00008	.00001	.059
%RSD	81.255	7.1057	125.84	.68270	.15039	226.82	.06269
#1	.00021	-.01456	.00248	.13135	.05271	.00000	93.532
#2	.00078	-.01317	.00014	.13263	.05259	-.00002	93.615
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00026	.00068	.00034	.00138	-.00606	4.1798	3.3929
SDev	.00013	.00007	.00020	.00022	.00308	.0258	.2294
%RSD	49.679	9.8516	60.187	16.082	50.734	.61676	6.7622
#1	.00035	.00064	.00048	.00154	-.00824	4.1615	3.2307
#2	.00017	.00073	.00020	.00123	-.00389	4.1980	3.5551
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	19.681	.03936	.00384	S17.049	103.89	.00178	.00039
SDev	.035	.00003	.00012	.007	.40	.00067	.00081
%RSD	.17914	.08860	2.9862	.04039	.38209	37.602	205.20
#1	19.656	.03934	.00392	S17.054	103.61	.00225	-.00018
#2	19.706	.03939	.00376	S17.044	104.17	.00131	.00097
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00152	.01175	4.8708	10.424	.00491	1.1158	.00210
SDev	.00158	.00147	.0035	.007	.00110	.0024	.00049
%RSD	104.57	12.524	.07281	.07138	22.355	.21789	23.093
#1	.00039	.01280	4.8733	10.429	.00568	1.1176	.00245
#2	.00264	.01071	4.8683	10.419	.00413	1.1141	.00176
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000219

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avgs	.00229	.00416	.00244	-.00063	-.00141	.00297	.02801
Stdv	.00040	.00005	.00195	.00023	.00134	.00301	.00159
%RSD	17.467	1.2440	79.943	36.178	94.764	102.25	5.6693
#1	.00258	.00412	.00106	-.00080	-.00046	.00082	.02688
#2	.00201	.00420	.00382	-.00046	-.00235	.00513	.02913
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avgs	.00364
Stdv	.00300
%RSD	82.393
#1	.00576
#2	.00152
Errors	NOCHECK
High	
Low	

Analysis Report 09/24/99 02:28:13 PM Page 1

Method: WFNSNEW Sample Name: 992475D-011 Operator: LMT
Run Time: 09/24/99 14:25:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00169	-.01627	-.00100	.13186	.05102	-.00010	96.412
SDev	.00176	.00160	.00306	.00350	.00128	.00007	3.409
%RSD	104.36	9.8568	305.31	2.6565	2.5092	71.483	2.4989
#1	-.00293	-.01513	.00116	.12938	.05011	-.00005	94.708
#2	-.00044	-.01740	-.00317	.13434	.05192	-.00014	98.115
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00014	.00012	.00010	.00058	.00215	4.1493	1.9889
SDev	.00010	.00005	.00009	.00049	.02590	.0960	.2606
%RSD	69.220	40.281	91.061	84.911	1204.7	2.3135	13.102
#1	.00021	.00016	.00017	.00093	.02046	4.0815	2.1731
#2	.00007	.00009	.00004	.00023	-.01616	4.2172	1.8046
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	NA5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/l	mg/L
Avge	20.337	.01474	.00276	S17.047	104.45	.00092	.00092
SDev	.492	.00016	.00172	.009	2.07	.00041	.00009
%RSD	2.4177	1.1067	62.387	.05231	1.9850	45.083	9.5628
#1	19.989	.01463	.00154	S17.053	102.98	.00121	.00086
#2	20.685	.01486	.00397	S17.040	105.91	.00062	.00098
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00034	.01188	4.9124	10.512	.00531	1.1530	.00254
SDev	.00498	.00213	.1154	.247	.00186	.0283	.00142
%RSD	1446.7	17.916	2.3484	2.3472	35.019	2.4588	55.789
#1	-.00318	.01037	4.8309	10.338	.00663	1.1329	.00354
#2	.00387	.01338	4.9940	10.687	.00400	1.1730	.00154
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Avge	.00153	.00373	-.00653	.00464	.01243	-.00569	.01462
SDev	.00049	.00092	.01298	.00635	.01358	.01405	.01291
%RSD	32.245	24.914	198.74	136.96	109.23	246.82	88.359
#1	.00188	.00357	-.01571	.00913	.02204	-.01577	.00586
#2	.00118	.00389	.00265	.00015	.00283	.00438	.02398
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/l
Avge	.01036
SDev	.00321
%RSD	30.942
#1	.01263
#2	.00809
Errors	NOCHECK
High	
Low	

Analysis Report 09/24/99 02:34:31 PM page 1

Method: WENSNEW Sample Name: 992475D-012 Operator: LMT
Run Time: 09/24/99 14:31:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00067	-.00857	.00097	.13094	.04970	-.00004	94.946
SDev	.00035	.00129	.00071	.00128	.00032	.00004	.397
%RSD	52.101	15.101	73.605	.97382	.63727	101.19	.41799
#1	.00092	-.00949	.00046	.13184	.04993	-.00007	95.227
#2	.00042	-.00766	.00147	.13003	.04948	-.00001	94.665
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00042	.00085	.00043	.00116	.00734	4.2839	3.8596
SDev	.00007	.00034	.00009	.00038	.01228	.0269	.4532
%RSD	16.059	39.694	21.209	33.101	167.34	.62810	11.742
#1	.00037	.00109	.00050	.00143	.01602	4.3030	4.1800
#2	.00047	.00061	.00037	.00089	-.00135	4.2649	3.5391
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	20.123	.00886	.00384	S17.036	105.00	.00169	.00064
SDev	.096	.00008	.00027	.001	.16	.00003	.00013
%RSD	.47728	.91777	6.9744	.00560	.15031	1.4671	21.051
#1	20.191	.00892	.00403	S17.037	105.12	.00168	.00054
#2	20.055	.00880	.00365	S17.036	104.89	.00171	.00073
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00014	.01149	4.8706	10.423	.00331	1.1275	.00138
SDev	.00347	.00096	.0190	.041	.00047	.0044	.00224
%RSD	2549.8	8.3105	.38977	.39121	14.034	.39023	162.00
#1	-.00232	.01081	4.8840	10.452	.00364	1.1306	.00296
#2	.00259	.01216	4.8572	10.394	.00298	1.1244	-.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000023

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00275	.00399	.00030	.00080	.00083	-.00021	.02285
SDev	.00025	.00000	.00337	.00148	.00460	.00749	.00112
%RSD	9.0228	.02522	1110.8	184.85	556.58	3594.7	4.9006
#1	.00293	.00399	-.00208	.00185	.00408	-.00551	.02206
#2	.00258	.00399	.00268	-.00025	-.00242	.00509	.02364
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00582
SDev	.00087
%RSD	14.996
#1	.00520
#2	.00643
Errors	NOCHECK
High	
Low	

000224

Analysis Report 09/24/99 02:38:07 PM page 1

Method: WENSNEW Sample Name: 9924750-013 Operator: LMT
Run Time: 09/24/99 14:35:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00062	-.01272	.00112	.12853	.04782	.00009	91.103
SDev	.00002	.00246	.00370	.00042	.00013	.00000	.070
%RSD	3.7737	19.325	331.49	.32450	.27600	1.1860	.07707
#1	.00060	-.01098	-.00150	.12883	.04791	.00009	91.153
#2	.00063	-.01446	.00374	.12824	.04772	.00009	91.053
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00022	.00055	.00034	.00114	-.00642	4.2334	3.4089
SDev	.00014	.00012	.00016	.00015	.00050	.0122	.2408
%RSD	63.701	21.373	48.130	13.234	7.8468	.28733	7.0628
#1	.00012	.00047	.00022	.00104	-.00677	4.2420	3.2387
#2	.00032	.00064	.00046	.00125	-.00606	4.2248	3.5792
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	19.297	.00539	.00379	S17.045	103.11	.00198	.00038
SDev	.003	.00003	.00012	.004	.30	.00007	.00049
%RSD	.01620	.64767	3.0302	.02623	.28874	3.6676	126.42
#1	19.299	.00536	.00387	S17.048	102.90	.00193	.00004
#2	19.295	.00541	.00370	S17.042	103.32	.00203	.00073
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00137	.01274	4.7714	10.211	.00539	1.0793	-.00147
SDev	.00074	.00111	.0053	.012	.00123	.0027	.00052
%RSD	53.754	8.6687	.11149	.11732	22.796	.24740	35.276
#1	.00085	.01353	4.7752	10.219	.00625	1.0812	-.00183
#2	.00190	.01196	4.7676	10.202	.00452	1.0774	-.00110
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00238	.00404	.00290	-.00087	-.00024	.00218	.02956
SDev	.00015	.00007	.00238	.00192	.00548	.00163	.00883
%RSD	6.4721	1.7994	82.116	220.16	2312.6	74.803	29.858
#1	.00249	.00399	.00458	-.00222	-.00411	.00333	.03580
#2	.00227	.00409	.00121	.00048	.00364	.00103	.02332
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00435
SDev	.00275
%RSD	63.259
#1	.00240
#2	.00629
Errors	NOCHECK
High	
Low	

C00226

Analysis Report QC Standard 09/24/99 02:42:49 PM page 1

Method: WENSNEW Sample Name: CCV 9909241 Operator: LMT
Run Time: 09/24/99 14:39:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.46857	9.7945	2.5538	2.6024	4.8357	2.5418	10.365
SDev	.00007	.0135	.0006	.0046	.0030	.0031	.002
%RSD	.01413	.13804	.02336	.17515	.06277	.12191	.01626
#1	.46862	9.7849	2.5542	2.5992	4.8336	2.5396	10.364
#2	.46853	9.8041	2.5533	2.6056	4.8379	2.5440	10.367
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	
Range	10.000	10.000	10.000	10.000	10.000	10.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.99757	2.5128	2.5258	2.3261	5.1033	Q11.415	10.978
SDev	.00003	.0013	.0004	.0011	.0142	.049	.006
%RSD	.00267	.05047	.01580	.04898	.27903	.43068	.05161
#1	.99759	2.5119	2.5255	2.3253	5.0932	Q11.380	10.974
#2	.99755	2.5137	2.5261	2.3269	5.1133	Q11.449	10.982
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	10.812	4.8868	2.4009	9.6017	10.231	2.4317	.97185
SDev	.003	.0011	.0028	.0146	.014	.0024	.00251
%RSD	.02570	.02238	.11628	.15257	.14024	.10045	.25803
#1	10.814	4.8860	2.3989	9.5914	10.221	2.4299	.97362
#2	10.810	4.8876	2.4029	9.6121	10.241	2.4334	.97008
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4719	2.6177	24.137	51.654	2.5459	4.7270	2.3587
SDev	.0008	.0019	.024	.054	.0001	.0032	.0049
%RSD	.03042	.07431	.10026	.10386	.00468	.06804	.20955
#1	2.4724	2.6191	24.120	51.616	2.5458	4.7247	2.3553
#2	2.4713	2.6163	24.154	51.692	2.5460	4.7293	2.3622
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4258	2.3751	.98294	.96632	2.5025	2.4566	2.6473
SDev	.0015	.0008	.00191	.00281	.0037	.0030	.0072
%RSD	.05993	.03431	.19428	.29040	.14910	.12170	.27007
#1	2.4247	2.3745	.98429	.96830	2.4999	2.4587	2.6524
#2	2.4268	2.3757	.98158	.96433	2.5051	2.4545	2.6422
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.5000					
Range	10.000	10.000					

Elem	Se_2nd
Units	mg/L
Avge	2.6029
SDev	.0007
%RSD	.02509
#1	2.6025
#2	2.6034
Errors	NOCHECK
Value	
Range	

Analysis Report Blank Sample 09/24/99 02:46:38 PM page 1

Method: WENSNEW Sample Name: CCB 9909248 Operator: LMT
Run Time: 09/24/99 14:43:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00054	.01040	.00181	.00514	.00013	.00003	.00060
SDev	.00083	.00214	.00145	.00316	.00003	.00007	.00012
%RSD	154.63	20.576	80.019	61.484	20.203	190.14	20.203
#1	H.00112	.01191	.00284	.00738	.00011	.00008	.00051
#2	-.00005	.00889	.00079	.00291	.00015	-.00001	.00068
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00029	.00029	.00026	-.00046	.01122	-.00391	.52676
SDev	.00029	.00005	.00015	.00057	.00538	.00634	.55517
%RSD	101.16	17.254	58.902	124.01	47.996	162.05	105.39
#1	.00050	.00025	.00037	-.00086	.00741	.00057	.91932
#2	.00008	.00032	.00015	-.00006	.01502	-.00839	.13419
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	-.00074	.00017	.00133	.01626	.02198	.00028	.00013
SDev	.00069	.00003	.00099	.00062	.12076	.00042	.00022
%RSD	94.281	20.187	75.031	3.8146	549.37	149.58	170.32
#1	-.00123	.00015	.00203	.01670	.10737	.00057	.00029
#2	-.00025	.00020	.00062	.01582	-.06341	-.00002	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00065	-.00190	.01217	.02605	.00033	.00008	.00068
SDev	.00011	.00191	.00956	.02046	.00035	.00006	.00257
%RSD	17.184	100.77	78.569	78.568	105.16	68.430	377.35
#1	.00057	-.00325	.01893	.04051	.00008	.00012	.00249
#2	.00072	-.00055	.00541	.01158	.00057	.00004	-.00113
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

622033

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00059	.00001	-.00003	.00021	-.00084	.00139	.00032
SDev	.00022	.00022	.00476	.00205	.00523	.00244	.00408
%RSD	36.629	1468.9	18277.	988.99	618.69	175.80	1273.6
#1	.00074	.00017	.00334	-.00124	-.00454	.00312	.00320
#2	.00044	-.00014	-.00339	.00166	.00285	-.00034	-.00256
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	-.00300
SDev	.00490
%RSD	163.22
#1	-.00647
#2	.00046
Errors	NOCHECK
High	
Low	

000230

Method: WENSNEW Sample Name: 9924750-014 Operator: LMT
Run Time: 09/24/99 14:47:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00129	-.01227	.00007	.12627	.04745	.00005	91.496
SDev	.00111	.00026	.00052	.00173	.00078	.00002	1.304
%RSD	85.887	2.1343	737.27	1.3711	1.6409	27.204	1.4251
#1	.00051	-.01209	.00044	.12749	.04800	.00004	92.418
#2	.00207	-.01246	-.00030	.12504	.04690	.00007	90.574
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00033	.00066	.00046	.00106	-.00588	4.4099	3.1285
SDev	.00018	.00017	.00013	.00028	.00024	.0205	.0991
%RSD	54.301	25.409	28.734	26.802	4.1623	.46598	3.1689
#1	.00020	.00078	.00037	.00086	-.00571	4.3954	3.0584
#2	.00046	.00054	.00056	.00126	-.00605	4.4244	3.1986
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	19.303	.00463	.00514	S17.064	100.11	.00183	-.00038
SDev	.236	.00001	.00080	.002	.79	.00032	.00011
%RSD	1.2236	.25128	15.631	.01205	.78826	17.417	28.853
#1	19.470	.00464	.00457	S17.066	100.67	.00206	-.00046
#2	19.136	.00462	.00571	S17.063	99.553	.00161	-.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00175	.01253	4.8520	10.384	.00534	1.0727	.00151
SDev	.00035	.00314	.0735	.157	.00010	.0194	.00011
%RSD	19.764	25.017	1.5149	1.5164	1.7845	1.8122	7.3737
#1	.00200	.01475	4.9040	10.495	.00541	1.0865	.00159
#2	.00151	.01032	4.8000	10.272	.00528	1.0590	.00143
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000231

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00223	.00380	.00478	-.00296	-.00666	.00595	.03314
SDev	.00056	.00007	.00135	.00051	.00157	.00026	.00125
%RSD	24.930	1.9663	28.311	17.185	23.536	4.4166	3.7811
#1	.00184	.00375	.00382	-.00260	-.00555	.00577	.03403
#2	.00262	.00385	.00573	-.00332	-.00777	.00614	.03226
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00224
SDev	.00407
%RSD	181.61
#1	.00513
#2	-.00064
Errors	NOCHECK
High	
Low	

000232

Analysis Report 09/24/99 02:53:47 PM page 1

Method: WENSNEW Sample Name: 9924750-015 Operator: LMT
Run Time: 09/24/99 14:50:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00121	-.01653	.00209	.12105	.04560	.00003	88.752
SDev	.00040	.00084	.00147	.00252	.00036	.00002	.474
%RSD	32.908	5.0710	70.088	2.0847	.78134	70.802	.53386
#1	.00149	-.01594	.00106	.12284	.04586	.00005	89.087
#2	.00093	-.01712	.00313	.11927	.04535	.00002	88.417
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00029	.00043	.00017	.00074	-.01420	4.2946	2.9963
SDev	.00011	.00008	.00041	.00018	.00487	.0389	.0142
%RSD	38.978	19.394	246.05	24.191	34.271	.90494	.47266
#1	.00021	.00037	.00046	.00086	-.01764	4.3221	3.0063
#2	.00037	.00049	-.00012	.00061	-.01076	4.2671	2.9863
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	18.753	.00472	.00357	76.515	97.709	.00112	.00027
SDev	.082	.00002	.00050	.063	.456	.00044	.00032
%RSD	.43529	.49377	13.928	.08203	.46622	39.031	119.99
#1	18.810	.00474	.00392	76.559	98.031	.00081	.00004
#2	18.695	.00471	.00322	76.470	97.387	.00143	.00049
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00117	.01014	4.7253	10.112	.00518	1.0423	.00006
SDev	.00212	.00042	.0293	.062	.00049	.0079	.00086
%RSD	181.29	4.1852	.61957	.61666	9.4281	.75330	1441.9
#1	-.00033	.01044	4.7460	10.156	.00553	1.0478	.00067
#2	.00267	.00984	4.7046	10.068	.00484	1.0367	-.00055
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000233

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00212	.00348	.00409	-.00164	-.00492	.00421	.02872
SDev	.00003	.00020	.00345	.00221	.00272	.00182	.00143
%RSD	1.4816	5.6830	84.457	134.41	55.294	43.270	4.9674
#1	.00214	.00361	.00653	-.00320	-.00684	.00292	.02973
#2	.00209	.00334	.00165	-.00008	-.00299	.00550	.02771
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00086
SDev	.00008
%RSD	8.8077
#1	.00081
#2	.00092
Errors	NOCHECK
High	
Low	

000234

Analysis Report QC Standard 09/24/99 02:58:32 PM page 1

Method: WENSNEW Sample Name: ISA 990806L Operator: LMT
Run Time: 09/24/99 14:55:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00007	210.75	.00151	.00715	.00049	.00019	249.85
SDev	.00015	1.07	.00047	.00115	.00004	.00000	1.58
%RSD	221.93	.50663	31.086	16.036	8.0048	.68268	.63127
#1	.00004	209.99	.00184	.00634	.00052	.00019	248.73
#2	-.00017	211.50	.00118	.00796	.00047	.00019	250.96
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value		250.00					250.00
Range		20.000					20.000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	-.00009	.00012	.00376	-.00088	90.057	.00292	-.19027
SDev	.00007	.00012	.00011	.00014	.489	.00212	.44754
%RSD	79.608	98.993	2.8940	16.281	.54290	72.686	235.21
#1	-.00004	.00020	.00384	-.00098	89.712	.00441	-.50673
#2	-.00014	.00004	.00368	-.00078	90.403	.00142	.12618
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK
Value					100.00		
Range					20.000		

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	243.06	.00208	.00063	.04716	.00000	.00036	-.00424
SDev	1.37	.00002	.00057	.00172	.12076	.00048	.00001
%RSD	.56527	.88460	90.258	3.6409	.00000	132.65	.32076
#1	242.09	.00206	.00103	.04595	.08539	.00070	-.00423
#2	244.04	.00209	.00023	.04837	-.08539	.00002	-.00425
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	250.00						
Range	20.000						

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01059	.00354	.00073	.00323	-.00067	.00965	-.01530
SDev	.00231	.00112	.00166	.00357	.00015	.00006	.00205
%RSD	21.811	31.618	227.77	110.41	23.272	.58975	13.417
#1	.01222	.00433	-.00045	.00071	-.00056	.00961	-.01385
#2	.00895	.00275	.00191	.00576	-.00078	.00969	-.01676
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000235

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00046	.00979	.09825	-.05542	.00363	.01406	.00587
SDev	.00018	.00007	.00162	.00083	.00204	.00244	.00104
%RSD	38.484	.68373	1.6536	1.5006	56.348	17.364	17.666
#1	.00033	.00984	.09710	-.05483	.00507	.01579	.00514
#2	.00058	.00974	.09940	-.05600	.00218	.01233	.00660
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Se_2nd
Units	mg/L
Avge	.00238
SDev	.00220
%RSD	92.259
#1	.00393
#2	.00083
Errors	NOCHECK
Value	
Range	

CC0230

Method: WENSNEW Sample Name: 992373D-001 Operator: LMT
Run Time: 09/24/99 15:00:55
Comment:
Mode: CONC Corr. factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00002	-.00145	-.00164	.09520	.05209	.00013	68.291
SDev	.00010	.00099	.00101	.00193	.00053	.00012	.564
%RSD	505.64	67.750	61.375	2.0272	1.0134	89.653	.82522
#1	-.00009	-.00076	-.00093	.09657	.05246	.00021	68.689
#2	.00005	-.00215	-.00236	.09384	.05172	.00005	67.892
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00039	.00073	.00036	.00507	.01896	6.1740	4.7809
SDev	.00016	.00024	.00007	.00009	.00002	.1111	.0963
%RSD	39.569	32.199	19.794	1.7593	.09556	1.7992	2.0144
#1	.00050	.00090	.00031	.00513	.01895	6.2526	4.8490
#2	.00028	.00057	.00041	.00500	.01897	6.0955	4.7128
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	20.927	.00184	.00576	53.310	63.482	.00246	.00046
SDev	.127	.00005	.00023	.570	.563	.00057	.00050
%RSD	.60668	2.5255	3.9832	1.0684	.88711	23.238	107.29
#1	21.016	.00181	.00560	53.712	63.880	.00286	.00011
#2	20.837	.00188	.00592	52.907	63.083	.00205	.00082
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00048	.01091	5.9562	12.746	.00894	.61458	.00372
SDev	.00010	.00084	.0490	.105	.00025	.00646	.00017
%RSD	20.714	7.6999	.82252	.82489	2.7991	1.0504	4.6995
#1	.00041	.01031	5.9908	12.821	.00912	.61914	.00384
#2	.00055	.01150	5.9216	12.672	.00877	.61001	.00360
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C00237

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00210	.02464	-.00069	.00104	.00441	-.00149	.02333
SDev	.00031	.00027	.00065	.00107	.00095	.00062	.00132
%RSD	14.672	1.0992	93.024	102.55	21.540	41.813	5.6596
#1	.00188	.02444	-.00024	.00029	.00508	-.00193	.02240
#2	.00232	.02483	-.00115	.00180	.00374	-.00105	.02426
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00471
SDev	.00060
%RSD	12.749
#1	.00428
#2	.00513
Errors	NOCHECK
High	
Low	

C22238

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Method: WENSHEW Sample Name: ISA 990806L Operator: LMT
Run Time: 09/24/99 15:05:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00065	209.87	.00178	.00803	.00051	.00020	249.56
SDev	.00044	1.36	.00027	.00055	.00007	.00000	1.27
%RSD	67.593	.64605	15.259	6.8232	12.856	1.0632	.50815
#1	.00034	208.91	.00197	.00764	.00047	.00020	248.66
#2	.00096	210.83	.00159	.00842	.00056	.00020	250.46
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value		250.00					250.00
Range		20.000					20.000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	-.00010	.00014	.00359	-.00084	90.103	.01376	-.17025
SDev	.00021	.00012	.00073	.00029	.373	.01373	1.02537
%RSD	199.32	82.405	20.434	34.941	.41449	99.748	602.29
#1	-.00025	.00006	.00307	-.00104	89.839	.00406	-.89529
#2	.00004	.00023	.00411	-.00063	90.367	.02347	.55480
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK
Value					100.00		
Range					20.000		

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	242.30	.00203	.00039	.04313	.14119	.00064	-.00365
SDev	.91	.00004	.00008	.00048	.01196	.00006	.00011
%RSD	.37474	2.1108	20.707	1.1044	8.4683	8.4920	3.1196
#1	241.66	.00200	.00033	.04279	.13274	.00060	-.00374
#2	242.94	.00206	.00044	.04347	.14964	.00068	-.00357
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	250.00						
Range	20.000						

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00865	.00185	-.00062	.00034	-.00031	.00968	-.01337
SDev	.00170	.00353	.00191	.00409	.00089	.00005	.00101
%RSD	19.606	191.01	306.62	1207.7	286.66	.54875	7.5352
#1	.00746	-.00065	-.00197	-.00255	.00032	.00964	-.01408
#2	.00985	.00435	.00073	.00323	-.00094	.00971	-.01266
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00016	.00996	.09890	-.05486	.00186	.01205	.00392
SDev	.00029	.00001	.00195	.00115	.00007	.00251	.00550
%RSD	183.58	.10280	1.9737	2.0882	3.8166	20.824	140.27
#1	-.00005	.00996	.10028	-.05567	.00181	.01027	.00003
#2	.00036	.00995	.09752	-.05405	.00191	.01382	.00781
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Se_2nd
Units	mg/L
Avge	.00082
SDev	.00255
%RSD	312.48
#1	-.00099
#2	.00262
Errors	NOCHECK
Value	
Range	

C00240

Analysis Report QC Standard 09/24/99 03:13:43 PM page 1

Method: WENSNEW Sample Name: ISB 990806M Operator: LMT
Run Time: 09/24/99 15:10:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.91701	210.37	.96431	.98211	.44225	.48400	248.23
SDev	.00058	.09	.00054	.00187	.00042	.00059	.00
%RSD	.06285	.04385	.05610	.19056	.09549	.12225	.00014
#1	.91660	210.30	.96469	.98079	.44255	.48442	248.23
#2	.91742	210.43	.96393	.98343	.44195	.48358	248.23
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	250.00	1.0000	1.0000	.50000	.50000	251.00
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.91110	.43898	.45566	.43116	89.802	Q12.356	Q10.163
SDev	.00012	.00035	.00020	.00046	.087	.047	.360
%RSD	.01327	.08066	.04460	.10578	.09737	.38372	3.5397
#1	.91118	.43923	.45580	.43148	89.864	Q12.322	Q10.417
#2	.91101	.43873	.45551	.43084	89.740	Q12.389	Q9.9083
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Fail
Value	1.0000	.50000	.50000	.50000	100.00	50.000	50.000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	239.78	.43966	.91046	Q8.8314	Q9.3980	.84340	.87780
SDev	.17	.00031	.00030	.0190	.1423	.00005	.00235
%RSD	.07099	.07124	.03351	.21536	1.5140	.00540	.26808
#1	239.90	.43988	.91025	Q8.8180	Q9.2974	.84343	.87946
#2	239.66	.43944	.91068	Q8.8449	Q9.4986	.84337	.87613
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Fail	QC Pass	QC Pass
Value	248.80	.50000	1.0000	51.000	51.000	1.0000	1.0000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.94869	.97347	1.9721	4.2221	.92000	.85807	.86036
SDev	.00177	.00106	.0004	.0010	.00032	.00041	.00426
%RSD	.18627	.10884	.02111	.02466	.03499	.04774	.49507
#1	.94994	.97422	1.9724	4.2229	.91977	.85836	.85735
#2	.94744	.97272	1.9718	4.2214	.92023	.85778	.86337
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	1.0000	1.0000	2.1400			1.0000	1.0000
Range	20.000	20.000	20.000			20.000	20.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000241

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.44857	.90063	.99045	.82155	.95369	.94619	.99018
SDev	.00030	.00011	.00382	.00543	.00992	.00230	.00146
%RSD	.06659	.01261	.38550	.66145	1.0396	.24315	.14771
#1	.44836	.90071	.98775	.82540	.96070	.94456	.98915
#2	.44878	.90055	.99315	.81771	.94668	.94782	.99122
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Se_2nd
Units	mg/L
Avge	.96513
SDev	.00232
%RSD	.24024
#1	.96677
#2	.96349
Errors	QC Pass
Value	1.0000
Range	20.000

000242

Analysis Report QC Standard 09/24/99 03:24:47 PM page 1

Method: WENSNEW Sample Name: CCV 990924I Operator: LMT
Run Time: 09/24/99 15:21:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.45114	9.4877	2.4358	2.4829	4.6478	2.4322	9.8980
SDev	.00172	.0665	.0089	.0079	.0147	.0081	.0342
%RSD	.38172	.70092	.36406	.31859	.31546	.33113	.34558
#1	Q.44993	9.4406	2.4296	2.4773	4.6374	2.4265	9.8738
#2	.45236	9.5347	2.4421	2.4885	4.6582	2.4379	9.9221
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	
Range	10.000	10.000	10.000	10.000	10.000	10.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.95047	2.3970	2.4170	Q2.2365	4.8614	Q11.371	9.9904
SDev	.00438	.0079	.0069	.0066	.0285	.114	1.0622
%RSD	.46087	.32764	.28428	.29342	.58573	1.0003	10.632
#1	.94737	2.3914	2.4121	Q2.2319	4.8413	Q11.290	9.2393
#2	.95357	2.4025	2.4219	Q2.2411	4.8815	Q11.451	10.741
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Fail	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	10.221	4.6684	2.3072	9.4368	9.9831	2.3242	.92669
SDev	.044	.0103	.0063	.0766	.0968	.0090	.00119
%RSD	.43499	.21978	.27511	.81133	.97011	.38647	.12822
#1	10.190	4.6611	2.3027	9.3826	9.9146	2.3179	.92753
#2	10.253	4.6756	2.3117	9.4909	10.052	2.3306	.92585
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.3698	2.4951	23.123	49.483	2.4399	4.5433	2.2588
SDev	.0030	.0032	.142	.301	.0048	.0143	.0083
%RSD	.12758	.12917	.61441	.60918	.19787	.31458	.36538
#1	2.3719	2.4974	23.022	49.270	2.4365	4.5332	2.2529
#2	2.3676	2.4928	23.223	49.696	2.4433	4.5534	2.2646
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000243

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.3190	2.2663	.94176	.91917	2.3963	2.3565	2.5236
SDev	.0072	.0093	.00226	.00065	.0072	.0009	.0030
%RSD	.31028	.40961	.23961	.07123	.29976	.04018	.12006
#1	2.3139	2.2597	.94336	.91963	2.4014	2.3572	2.5257
#2	2.3241	2.2729	.94017	.91871	2.3912	2.3558	2.5214
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.5000					
Range	10.000	10.000					

Elem	Se_2nd
Units	mg/L
Avge	2.4809
SDev	.0033
%RSD	.13379
#1	2.4833
#2	2.4786
Errors	NOCHECK
Value	
Range	

000244

Method: WENSNEW Sample Name: CCV 9909241 Operator: LMT
Run Time: 09/24/99 15:29:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.47787	9.7091	2.5458	2.6376	4.9599	2.6243	10.382
SDev	.00078	.0165	.0075	.0043	.0115	.0089	.031
%RSD	.16281	.16999	.29586	.16273	.23149	.34054	.29814
#1	.47732	9.6974	2.5405	2.6346	4.9518	2.6180	10.360
#2	.47842	9.7208	2.5511	2.6406	4.9681	2.6306	10.404
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	
Range	10.000	10.000	10.000	10.000	10.000	10.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.99458	2.5221	2.5558	2.3797	5.1458	10.605	10.006
SDev	.00314	.0092	.0066	.0053	.0142	.024	.269
%RSD	.31557	.36617	.25763	.22150	.27689	.22853	2.6892
#1	.99236	2.5156	2.5511	2.3760	5.1357	10.622	10.197
#2	.99680	2.5286	2.5604	2.3834	5.1558	10.588	9.8161
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	10.641	4.9550	2.4151	9.0655	9.9078	2.4658	.95876
SDev	.036	.0135	.0051	.0355	.0263	.0036	.00331
%RSD	.33787	.27304	.21058	.39173	.26549	.14772	.34548
#1	10.615	4.9455	2.4115	9.0404	9.8892	2.4632	.95641
#2	10.666	4.9646	2.4186	9.0906	9.9264	2.4683	.96110
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5032	2.5949	24.346	52.101	2.5195	4.8497	2.3326
SDev	.0027	.0091	.066	.143	.0045	.0110	.0074
%RSD	.10723	.35035	.27064	.27379	.17741	.22690	.31925
#1	2.5013	2.5884	24.299	52.000	2.5163	4.8419	2.3273
#2	2.5051	2.6013	24.392	52.201	2.5227	4.8575	2.3379
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4631	2.4040	.97455	.95087	2.4995	2.5050	2.6238
SDev	.0068	.0064	.00437	.00278	.0003	.0042	.0154
%RSD	.27697	.26468	.44858	.29273	.01209	.16667	.58792
#1	2.4583	2.3995	.97146	.94890	2.4997	2.5020	2.6129
#2	2.4679	2.4085	.97764	.95284	2.4993	2.5079	2.6347
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.5000					
Range	10.000	10.000					

Elem	Se_2nd
Units	mg/L
Avge	2.5804
SDev	.0059
%RSD	.22975
#1	2.5763
#2	2.5846
Errors	NOCHECK
Value	
Range	

000246

Analysis Report Blank Sample 09/24/99 03:35:29 PM page 1

Method: WENSNEW Sample Name: CCB 9909248 Operator: LMT
Run Time: 09/24/99 15:32:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00019	.01357	.00109	.00819	.00012	-.00007	.00187
SDev	.00000	.00199	.00022	.00281	.00015	.00007	.00024
%RSD	1.8564	14.702	19.912	34.336	119.67	107.12	12.856
#1	.00019	.01216	.00093	M.01017	.00022	-.00002	.00204
#2	.00019	.01498	.00124	.00620	.00002	-.00012	.00170
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00016	.00035	.00056	-.00008	.00650	.00661	.22032
SDev	.00004	.00007	.00012	.00020	.00077	.00458	.22943
%RSD	23.219	19.828	22.023	238.35	11.797	69.317	104.14
#1	.00013	.00040	.00064	-.00022	.00704	.00337	.05808
#2	.00018	.00030	.00047	.00006	.00595	.00986	.38255
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	NaS889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00196	.00030	.00181	.00562	-.10484	.00061	.00023
SDev	.00278	.00013	.00161	.00076	.02511	.00007	.00064
%RSD	141.42	42.052	88.652	13.438	23.950	11.559	283.31
#1	.00000	.00039	.00295	.00508	-.08708	.00066	.00068
#2	.00393	.00021	.00068	.00615	-.12259	.00056	-.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00132	.00241	.01967	.04209	.00171	.00016	.00245
SDev	.00116	.00484	.01530	.03274	.00001	.00012	.00247
%RSD	88.227	200.84	77.782	77.782	.69666	74.306	100.87
#1	.00214	-.00101	.03049	.06524	.00172	.00024	.00420
#2	.00049	.00584	.00885	.01894	.00170	.00008	.00070
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC0247

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Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00011	.00001	-.00010	.00039	.00527	-.00066	-.00002
SDev	.00040	.00012	.00084	.00055	.00290	.00319	.00003
%RSD	352.44	891.28	822.09	139.34	54.954	483.56	138.30
#1	-.00017	.00010	.00049	.00078	.00322	.00159	-.00000
#2	.00039	-.00007	-.00069	.00001	.00732	-.00291	-.00004
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00363
SDev	.00728
%RSD	200.67
#1	-.00152
#2	.00877
Errors	NOCHECK
High	
Low	

AutoSampler Report Table: JS 09/24/99 03:43:27 PM page 1

was running out of paper so I changed it to throw A/S run on

Table Name: JS Autosampler Type: TYPE TJA
Sample Positions: 220/300 QC Positions: 11/19 # Sets: 3
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	11	10
2	Sample (13mm)	Samples	47	1
3	Sample (13mm)	Samples	48	1
4	Sample (13mm)	Samples	50	1
5	Sample (13mm)	Samples	75	1

9/24/99

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No		*FromMTD	28	2	1
2	Normal	No		*FromMTD	27	3	1
3	Normal	No		*FromMTD	25	4	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	CCV 990924I	-NA-	3	QC Standard
2	1	2	CCB 990924B	-NA-	3	Blank
3	1	3	ISA 990806L	-NA-	3	QC Standard
4	1	4	ISB 990806M	-NA-	3	QC Standard
5	1	5	CCV 990924II	-NA-	3	QC Standard
6	1	6	CCB 990924BB	-NA-	3	Blank
7	1	7	CCV 990924III	-NA-	3	QC Standard
8	1	8	CCB 990924BBB	-NA-	3	Blank

(9...19 Not Used)

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB 51837	1	-NA-	Sample
2	1	2	SB 990914S	1	-NA-	Sample
3	1	3	LCS 990648	1	-NA-	Sample
4	1	4	992522S-001	1	-NA-	Sample
5	1	5	992522S-001 SD	1	-NA-	Sample
6	1	6	992522S-002	1	-NA-	Sample
7	1	7	992522S-003	1	-NA-	Sample
8	1	8	992522S-001	1	-NA-	Sample
9	1	9	992522S-002	1	-NA-	Sample
10	1	10	992522S-003	1	-NA-	Sample
11	1	11	992466S-031	1	-NA-	Sample

000249

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
12	1	12	992466S-032	1	-NA-	Sample
13	1	13	992466S-033	1	-NA-	Sample
14	1	14	992466S-034	1	-NA-	Sample
15	1	15	992466S-035	1	-NA-	Sample
16	2	1	992466S-036	1	-NA-	Sample
17	2	2	992466S-037	1	-NA-	Sample
18	2	3	992466S-037 MS	1	-NA-	Sample
19	2	4	992466S-037 MSD	1	-NA-	Sample
20	2	5	992466S-037 PDS	1	-NA-	Sample
21	2	6	992545S-033	1	-NA-	Sample
22	2	7	992545S-034	1	-NA-	Sample
23	2	8	992545S-035	1	-NA-	Sample
24	2	9	992545S-036	1	-NA-	Sample
25	2	10	992545S-037	1	-NA-	Sample
26	2	11	992545S-038	1	-NA-	Sample
27	2	12	992545S-039	1	-NA-	Sample
28	2	13	992524S-001	1	-NA-	Sample
(29...75	Not Used)					

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB 51839	2	-NA-	Sample
2	1	2	SB 990914S	2	-NA-	Sample
3	1	3	LCS 990648	2	-NA-	Sample
4	1	4	992545S-040	2	-NA-	Sample
5	1	5	992545S-040 SD	2	-NA-	Sample
6	1	6	992545S-041	2	-NA-	Sample
7	1	7	992545S-042	2	-NA-	Sample
8	1	8	992545S-043	2	-NA-	Sample
9	1	9	992545S-044	2	-NA-	Sample
10	1	10	992545S-045	2	-NA-	Sample
11	1	11	992545S-046	2	-NA-	Sample
12	1	12	992545S-047	2	-NA-	Sample
13	1	13	992545S-048	2	-NA-	Sample
14	1	14	992545S-049	2	-NA-	Sample
15	1	15	992545S-050	2	-NA-	Sample
16	2	1	992545S-051	2	-NA-	Sample
17	2	2	992545S-052	2	-NA-	Sample
18	2	3	992545S-053	2	-NA-	Sample
19	2	4	992545S-054	2	-NA-	Sample
20	2	5	992545S-055	2	-NA-	Sample
21	2	6	992545S-056	2	-NA-	Sample
22	2	7	992545S-057	2	-NA-	Sample
23	2	8	992545S-058	2	-NA-	Sample
24	2	9	992545S-059	2	-NA-	Sample
25	2	10	992545S-059 MS	2	-NA-	Sample
26	2	11	992545S-059 MSD	2	-NA-	Sample
27	2	12	992545S-059 PDS	2	-NA-	Sample
(28...75	Not Used)					

C00250

AutoSampler Report Table: JS 09/24/99 03:43:27 PM page 3

Rack #4

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB 51836	3	-NA-	Sample
2	1	2	SB 990914S	3	-NA-	Sample
3	1	3	992545T-001	3	-NA-	Sample
4	1	4	992545T-001 SD	3	-NA-	Sample
5	1	5	992545T-002	3	-NA-	Sample
6	1	6	992545T-003	3	-NA-	Sample
7	1	7	992545T-004	3	-NA-	Sample
8	1	8	992545T-005	3	-NA-	Sample
9	1	9	992545T-006	3	-NA-	Sample
10	1	10	992545T-007	3	-NA-	Sample
11	1	11	992545T-008	3	-NA-	Sample
12	1	12	992545T-009	3	-NA-	Sample
13	1	13	992545T-010	3	-NA-	Sample
14	1	14	992545T-011	3	-NA-	Sample
15	1	15	992545T-012	3	-NA-	Sample
16	2	1	992545T-013	3	-NA-	Sample
17	2	2	992545T-014	3	-NA-	Sample
18	2	3	992545T-015	3	-NA-	Sample
19	2	4	992545T-016	3	-NA-	Sample
20	2	5	992545T-017	3	-NA-	Sample
21	2	6	992545T-018	3	-NA-	Sample
22	2	7	992545T-019	3	-NA-	Sample
23	2	8	992545T-019 MS	3	-NA-	Sample
24	2	9	992545T-019 MSD	3	-NA-	Sample
25	2	10	992545T-020	3	-NA-	Sample
(26...75	Not Used)					

Rack #5

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...75	Not Used)					

603251

Method: WENSNEW Sample Name: MB 51837 Operator: LMT
Run Time: 09/24/99 15:44:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00002	.01427	-.00112	.00547	.00027	.00011	.00724
SDev	.00004	.00396	.00166	.00028	.00007	.00000	.00036
%RSD	165.87	27.780	147.31	5.2094	24.383	2.0209	4.9913
#1	.00000	.01707	-.00229	.00567	.00032	.00011	.00749
#2	-.00005	.01146	.00005	.00527	.00022	.00011	.00698
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00050	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00050	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00010	.00006	.00106	-.00033	.02121	.02854	.37254
SDev	.00004	.00014	.00011	.00057	.00104	.00012	.63165
%RSD	41.614	225.50	10.660	170.82	4.9079	.40361	169.55
#1	.00007	.00016	.00114	.00007	.02047	.02862	.81918
#2	.00013	-.00004	.00098	-.00074	.02194	.02846	-.07411
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00675	.00039	.00046	.01355	.06256	-.00041	.00120
SDev	.00226	.00001	.00061	.00055	.12554	.00005	.00028
%RSD	33.427	3.0124	133.05	4.0530	200.67	12.939	23.086
#1	.00835	.00039	.00089	.01394	.15134	-.00044	.00101
#2	.00516	.00038	.00003	.01316	-.02621	-.00037	.00140
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00253	.00174	.00728	.01557	H.01944	.00014	-.00063
SDev	.00046	.00056	.00278	.00595	.00122	.00003	.00135
%RSD	18.176	32.144	38.223	38.222	6.2554	19.411	215.86
#1	.00286	.00134	.00924	.01978	H.02030	.00016	.00033
#2	.00221	.00213	.00531	.01137	H.01858	.00012	-.00158
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000252

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00079	.00138	.00058	.00151	.00646	.00057	-.00849
SDev	.00031	.00005	.00204	.00060	.00119	.00010	.00143
%RSD	39.207	3.5096	349.30	39.655	18.417	16.811	16.800
#1	.00101	.00134	-.00086	.00194	.00730	.00064	-.00950
#2	.00057	.00141	.00202	.00109	.00562	.00050	-.00748
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00685
SDev	.00013
%RSD	1.8292
#1	.00676
#2	.00693
Errors	NOCHECK
High	
Low	

000253

Analysis Report 09/24/99 03:55:56 PM page 1

Method: WENSNEW Sample Name: SB 990914S Operator: LMT
Run Time: 09/24/99 15:50:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04470	1.8443	1.7266	.98708	1.8735	.04870	9.8843
SDev	.00040	.0051	.0004	.00363	.0005	.00002	.0058
%RSD	.88552	.27552	.02280	.36744	.02677	.03167	.05849
#1	.04498	1.8407	1.7269	.98965	1.8732	.04869	9.8802
#2	.04442	1.8479	1.7263	.98452	1.8739	.04871	9.8884
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.06000	2.4000	2.4000	1.2000	2.4000	.06000	12.000
Low	.04000	1.6000	1.6000	.80000	1.6000	.04000	.80000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.04656	.45873	.19143	.22679	.99384	L7.3621	L6.7858
SDev	.00009	.00056	.00042	.00042	.00031	.0233	.2294
%RSD	.19845	.12227	.21901	.18380	.03149	.31667	3.3811
#1	.04649	.45834	.19114	.22650	.99406	L7.3457	L6.6235
#2	.04662	.45913	.19173	.22709	.99362	L7.3786	L6.9480
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Low
High	.06000	.60000	.24000	.30000	1.2000	12.000	12.000
Low	.04000	.40000	.16000	.20000	.80000	8.0000	8.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	9.8209	.46281	.95113	8.3550	8.9280	.44259	.44936
SDev	.0040	.00008	.00440	.0264	.0203	.00025	.00052
%RSD	.04067	.01759	.46236	.31650	.22766	.05687	.11571
#1	9.8238	.46287	.94802	8.3363	8.9136	.44277	.44972
#2	9.8181	.46275	.95424	8.3737	8.9423	.44241	.44899
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	12.000	.60000	1.2000	12.000	12.000	.60000	.60000
Low	8.0000	.40000	.80000	8.0000	8.0000	.40000	.40000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.46484	1.7845	L4.4985	9.6270	.97619	.94901	1.7581
SDev	.00097	.0045	.0096	.0210	.00184	.00033	.0028
%RSD	.20750	.25271	.21332	.21797	.18805	.03437	.16010
#1	.46552	1.7875	L4.4917	9.6122	.97749	.94878	1.7601
#2	.46415	1.7811	L4.5053	9.6418	.97489	.94924	1.7561
Errors	LC Pass	LC Pass	LC Low	NOCHECK	LC Pass	LC Pass	LC Pass
High	.60000	2.4000	12.000		1.2000	1.2000	2.4000
Low	.40000	1.6000	8.0000		.80000	.80000	1.6000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C00254

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.47468	.44791	.45322	.44742	.46611	.46420	1.7630
SDev	.00062	.00024	.00164	.00004	.00079	.00105	.0028
%RSD	.13128	.05409	.36139	.00853	.16964	.22649	.15734
#1	.47424	.44809	.45438	.44740	.46667	.46495	1.7650
#2	.47512	.44774	.45207	.44745	.46555	.46346	1.7610
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	.60000	.60000	.60000	.60000	2.4000
Low	.40000	.40000	.40000	.40000	.40000	.40000	1.6000

Elem	Se_2nd
Units	mg/L
Avge	1.7950
SDev	.0054
%RSD	.29948
#1	1.7988
#2	1.7912
Errors	LC Pass
High	2.4000
Low	1.6000

000255

Method: WENSNEW Sample Name: LCS 990648 Operator: LMT
Run Time: 09/24/99 15:56:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.6291	37.738	.60008	.39442	.78422	1.1881	17.071
SDev	.0004	.022	.00104	.00001	.00016	.0019	.013
%RSD	.02548	.05783	.17352	.00142	.02019	.15604	.07690
#1	1.6288	37.722	.59935	.39443	.78433	1.1868	17.062
#2	1.6294	37.753	.60082	.39442	.78410	1.1894	17.081
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	1.9670	1.5753	.50674	.64984	70.797	15.322	18.176
SDev	.0025	.0012	.00143	.00030	.075	.020	.215
%RSD	.12661	.07831	.28250	.04539	.10564	.13336	1.1844
#1	1.9652	1.5744	.50573	.64963	70.744	15.308	18.328
#2	1.9688	1.5761	.50776	.65005	70.850	15.336	18.024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	13.864	2.9958	.77899	1.8493	1.3468	.76122	.56586
SDev	.022	.0027	.00119	.0023	.0430	.00093	.00001
%RSD	.15534	.09007	.15226	.12597	3.1960	.12237	.00236
#1	13.849	2.9939	.77815	1.8477	1.3164	.76056	.56585
#2	13.879	2.9977	.77983	1.8510	1.3772	.76188	.56587
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.88772	.62856	17.015	36.413	.72249	.66776	1.1065
SDev	.00105	.00037	.002	.005	.00317	.00006	.0009
%RSD	.11845	.05820	.01063	.01327	.43887	.00853	.08086
#1	.88697	.62830	17.016	36.417	.72024	.66772	1.1059
#2	.88846	.62882	17.014	36.410	.72473	.66780	1.1071
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

990256

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0149	.67852	.58975	.55393	.88136	.89094	.61101
SDev	.0010	.00064	.00302	.00153	.00365	.00025	.00469
%RSD	.10125	.09503	.51237	.27595	.41461	.02782	.76793
#1	1.0142	.67898	.59188	.55285	.87877	.89112	.61432
#2	1.0156	.67807	.58761	.55501	.88394	.89077	.60769
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.63732
SDev	.00289
%RSD	.45362
#1	.63528
#2	.63937
Errors	NOCHECK
High	
Low	

000257

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Method: WENSNEW Sample Name: 992522S-001 Operator: LMT
Run Time: 09/24/99 16:01:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00906	90.564	2.9708	.06259	1.6523	.00597	51.653
SDev	.00008	.150	.0069	.00000	.0054	.00002	.123
%RSD	.91412	.16602	.23133	.00683	.32427	.40478	.23761
#1	.00900	90.670	2.9757	.06259	1.6561	.00598	51.740
#2	.00911	90.457	2.9660	.06259	1.6486	.00595	51.566
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.06872	.05844	.41675	.31062	H142.51	27.565	30.640
SDev	.00019	.00007	.00089	.00071	.36	.036	.598
%RSD	.27290	.11565	.21389	.22883	.25127	.12963	1.9506
#1	.06886	.05849	.41738	.31112	H142.76	27.540	30.218
#2	.06859	.05839	.41612	.31011	H142.26	27.591	31.063
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	28.838	3.3645	.01892	1.6943	.65522	.09716	7.4328
SDev	.063	.0084	.00004	.0002	.16022	.00031	.0065
%RSD	.21681	.24989	.22082	.01018	24.452	.31492	.08698
#1	28.883	3.3705	.01895	1.6941	.54193	.09738	7.4282
#2	28.794	3.3586	.01889	1.6944	.76852	.09695	7.4374
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02153	.01445	15.075	32.263	.06003	.59895	L-.03037
SDev	.00139	.00125	.027	.057	.00167	.00195	.00008
%RSD	6.4481	8.6309	.18057	.17781	2.7800	.32488	.26287
#1	.02251	.01533	15.094	32.304	.05885	.60032	L-.03043
#2	.02054	.01357	15.056	32.223	.06121	.59757	L-.03032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C00258

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.24056	3.8047	7.5181	7.3902	.02361	.02048	.00204
SDev	.00035	.0111	.0159	.0018	.00130	.00143	.00550
%RSD	.14475	.29105	.21094	.02402	5.5213	6.9815	269.92
#1	.24080	3.8126	7.5069	7.3889	.02453	.02149	.00592
#2	.24031	3.7969	7.5293	7.3915	.02269	.01947	-.00185
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.02065
SDev	.00087
%RSD	4.2353
#1	.02003
#2	.02126
Errors	NOCHECK
High	
Low	

000259

Method: WENSNEW Sample Name: 992522S-001 SD Operator: LMT
Run Time: 09/24/99 16:07:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00254	20.850	.65296	.01571	.36131	.00129	11.318
SDev	.00056	.014	.00047	.00115	.00055	.00005	.004
%RSD	21.848	.06826	.07232	7.2959	.15341	3.6210	.03512
#1	.00293	20.860	.65329	.01652	.36170	.00133	11.321
#2	.00215	20.840	.65263	.01490	.36092	.00126	11.315
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.01539	.01338	.09101	.06646	31.259	5.8527	7.3686
SDev	.00009	.00014	.00026	.00041	.027	.0038	.3286
%RSD	.58398	1.0104	.28106	.61718	.08693	.06456	4.4591
#1	.01545	.01348	.09119	.06675	31.278	5.8501	7.6009
#2	.01532	.01329	.09083	.06617	31.240	5.8554	7.1363
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	6.5483	.74520	.00417	.40532	.17078	.02168	1.6596
SDev	.0033	.00086	.00023	.00046	.03467	.00013	.0028
%RSD	.05039	.11548	5.5020	.11362	20.303	.61842	.16897
#1	6.5507	.74581	.00434	.40564	.14626	.02177	1.6577
#2	6.5460	.74459	.00401	.40499	.19530	.02158	1.6616
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00477	.00190	3.3906	7.2566	.01441	.13080	-.00627
SDev	.00134	.00110	.0234	.0502	.00088	.00028	.00004
%RSD	28.134	57.850	.69013	.69215	6.1200	.21459	.60905
#1	.00572	.00268	3.4071	7.2921	.01504	.13100	-.00624
#2	.00382	.00112	3.3740	7.2211	.01379	.13060	-.00630
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000280

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05135	.83852	1.6796	1.6497	.00362	.00534	.00175
SDev	.00050	.00042	.0046	.0019	.00456	.00026	.00092
%RSD	.96672	.04977	.27261	.11629	125.97	4.9516	52.630
#1	.05170	.83823	1.6764	1.6483	.00684	.00515	.00110
#2	.05100	.83882	1.6829	1.6510	.00040	.00553	.00240
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00198
SDev	.00211
%RSD	106.63
#1	.00346
#2	.00049
Errors	NOCHECK
High	
Low	

000261

Method: WENSNEW Sample Name: 9925228-002 Operator: LMT
Run Time: 09/24/99 16:13:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00186	88.249	8.4848	.10447	2.7775	.00773	73.205
SDev	.00020	.006	.0032	.00012	.0024	.00004	.006
%RSD	10.705	.00714	.03823	.11440	.08505	.54709	.00789
#1	-.00172	88.245	8.4825	.10439	2.7759	.00770	73.209
#2	-.00200	88.254	8.4871	.10456	2.7792	.00776	73.201
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.08938	.06022	.20116	.47319	H151.53	27.648	29.583
SDev	.00032	.00012	.00030	.00074	.01	.031	.042
%RSD	.35320	.19521	.14735	.15623	.00627	.11291	.14362
#1	.08960	.06014	.20137	.47266	H151.54	27.670	29.553
#2	.08916	.06031	.20095	.47371	H151.52	27.626	29.613
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	28.499	4.2841	.01750	1.9244	1.0255	.10251	8.3750
SDev	.024	.0005	.00050	.0053	.0335	.00134	.0145
%RSD	.08288	.01222	2.8413	.27517	3.2645	1.3044	.17333
#1	28.516	4.2837	.01785	1.9281	1.0492	.10345	8.3852
#2	28.482	4.2844	.01715	1.9206	1.0019	.10156	8.3647
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.06340	.01861	20.170	43.168	.09132	.78006	L-.03770
SDev	.00061	.00166	.038	.083	.00029	.00062	.00168
%RSD	.95786	8.9132	.18910	.19288	.31328	.07974	4.4619
#1	.06383	.01744	20.197	43.227	.09152	.77962	L-.03651
#2	.06297	.01978	20.143	43.109	.09112	.78050	L-.03889
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000262

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.23732	4.5046	8.4469	8.3390	.06605	.06208	.00434
SDev	.00013	.0003	.0028	.0204	.00000	.00091	.00188
%RSD	.05278	.00773	.03303	.24428	.00668	1.4631	43.298
#1	.23741	4.5043	8.4489	8.3534	.06605	.06272	.00301
#2	.23723	4.5048	8.4450	8.3246	.06604	.06143	.00567
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.02573
SDev	.00155
%RSD	6.0158
#1	.02464
#2	.02683
Errors	NOCHECK
High	
Low	

000263

Method: WENSNEW Sample Name: 992522S-003 Operator: LMT
Run Time: 09/24/99 16:19:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00120	98.744	3.7858	.05889	2.2778	.00707	48.924
SDev	.00035	.260	.0109	.00111	.0062	.00008	.138
%RSD	28.773	.26294	.28761	1.8887	.27172	1.0851	.28114
#1	.00145	98.928	3.7935	.05968	2.2822	.00712	49.022
#2	.00096	98.560	3.7781	.05810	2.2735	.00701	48.827
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.02778	.06036	.21478	.34990	H149.74	27.020	30.798
SDev	.00000	.00041	.00097	.00199	.45	.109	.612
%RSD	.00185	.67242	.45380	.57011	.29991	.40465	1.9865
#1	.02778	.06065	.21547	.35131	H150.06	27.097	31.231
#2	.02778	.06008	.21409	.34849	H149.43	26.943	30.366
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	27.482	4.6250	.02148	1.7325	.69158	.09040	2.5706
SDev	.093	.0132	.00104	.0051	.13989	.00018	.0005
%RSD	.33747	.28640	4.8265	.29275	20.228	.19676	.02004
#1	27.548	4.6344	.02222	1.7361	.79050	.09053	2.5702
#2	27.417	4.6157	.02075	1.7289	.59266	.09028	2.5710
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02664	.00955	16.570	35.463	.07486	.65226	L-.04427
SDev	.00141	.00469	.051	.110	.00048	.00172	.00142
%RSD	5.2950	49.140	.30738	.30927	.63688	.26343	3.2036
#1	.02564	.00623	16.606	35.541	.07520	.65348	L-.04528
#2	.02763	.01286	16.534	35.386	.07453	.65105	L-.04327
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C00264

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.25350	3.7298	2.6313	2.5403	.02493	.02749	.00334
SDev	.00162	.0106	.0074	.0045	.00283	.00070	.00221
%RSD	.64013	.28298	.28142	.17593	11.370	2.5441	66.160
#1	.25465	3.7373	2.6365	2.5372	.02293	.02699	.00178
#2	.25235	3.7223	2.6260	2.5435	.02694	.02798	.00490
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01265
SDev	.00593
%RSD	46.899
#1	.00845
#2	.01684
Errors	NOCHECK
High	
Low	

000265

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Method: WENSNEW Sample Name: 9925225-001 Operator: LMT
Run Time: 09/24/99 16:25:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00535	78.181	2.8203	.05434	1.6054	.00563	50.237
SDev	.00004	.062	.0065	.00138	.0002	.00000	.045
%RSD	.79242	.07966	.22918	2.5458	.00987	.05898	.09038
#1	.00532	78.225	2.8248	.05532	1.6055	.00562	50.270
#2	.00538	78.137	2.8157	.05336	1.6053	.00563	50.205
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.06678	.05394	.39024	.29092	H124.19	24.728	26.534
SDev	.00008	.00015	.00049	.00031	.10	.041	.898
%RSD	.11832	.28150	.12595	.10651	.07706	.16713	3.3840
#1	.06672	.05384	.39058	.29070	H124.25	24.757	27.169
#2	.06683	.05405	.38989	.29113	H124.12	24.698	25.899
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	26.625	3.1861	.01858	1.5902	.68059	.09071	7.2219
SDev	.043	.0022	.00004	.0013	.19609	.00014	.0233
%RSD	.15981	.06934	.21120	.08141	28.811	.15334	.32246
#1	26.655	3.1877	.01861	1.5911	.54193	.09061	7.2384
#2	26.595	3.1846	.01855	1.5892	.81924	.09081	7.2055
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02052	.01191	18.368	39.310	.05901	.57390	L-.02809
SDev	.00008	.00188	.031	.065	.00154	.00034	.00008
%RSD	.40435	15.769	.16714	.16525	2.6058	.05882	.27612
#1	.02058	.01323	18.390	39.356	.05792	.57414	L-.02804
#2	.02046	.01058	18.346	39.264	.06010	.57366	L-.02815
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000266

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.20465	3.6820	7.2957	7.1851	.02429	.01864	-.00142
SDev	.00045	.0051	.0323	.0188	.00003	.00014	.00006
%RSD	.22040	.13739	.44310	.26131	.13408	.75471	4.3436
#1	.20433	3.6856	7.3186	7.1984	.02427	.01874	-.00146
#2	.20497	3.6784	7.2729	7.1718	.02431	.01854	-.00138
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01856
SDev	.00284
%RSD	15.333
#1	.02057
#2	.01655
Errors	NOCHECK
High	
Low	

000067

Analysis Report 09/24/99 04:37:27 PM page 1

Method: WENSNEW Sample Name: 9925225-002 Operator: LMT
Run Time: 09/24/99 16:31:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00284	96.934	8.6391	.10554	2.7239	.00787	72.487
SDev	.00001	.072	.0146	.00049	.0026	.00003	.053
%RSD	.23866	.07449	.16913	.46673	.09641	.44431	.07294
#1	-.00284	96.985	8.6494	.10589	2.7258	.00789	72.525
#2	-.00285	96.883	8.6288	.10519	2.7221	.00784	72.450
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.08618	.06094	.20766	.46278	H159.48	29.148	31.820
SDev	.00001	.00005	.00044	.00141	.09	.008	.300
%RSD	.01468	.08346	.21215	.30444	.05356	.02609	.94358
#1	.08617	.06098	.20797	.46378	H159.54	29.142	31.608
#2	.08619	.06090	.20735	.46179	H159.42	29.153	32.032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	29.214	4.2968	.01812	1.9753	.97227	.10325	8.1039
SDev	.019	.0034	.00027	.0008	.04663	.00090	.0224
%RSD	.06599	.07986	1.4820	.04214	4.7960	.87591	.27583
#1	29.227	4.2992	.01831	1.9747	.93930	.10261	8.0881
#2	29.200	4.2944	.01793	1.9759	1.0052	.10388	8.1197
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05861	.01663	12.940	27.696	.09178	.78583	L-.03928
SDev	.00060	.00291	.015	.030	.00051	.00094	.00043
%RSD	1.0161	17.478	.11284	.10962	.55846	.12018	1.1060
#1	.05819	.01457	12.951	27.717	.09214	.78650	L-.03959
#2	.05903	.01868	12.930	27.674	.09142	.78516	L-.03897
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000263

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.25918	4.4652	8.1976	8.0572	.05740	.05922	.00592
SDev	.00035	.0044	.0180	.0245	.00313	.00067	.00045
%RSD	.13466	.09758	.21911	.30465	5.4460	1.1275	7.5801
#1	.25942	4.4683	8.1849	8.0398	.05519	.05969	.00560
#2	.25893	4.4621	8.2103	8.0745	.05961	.05875	.00624
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.02197
SDev	.00413
%RSD	18.809
#1	.01905
#2	.02489
Errors	NOCHECK
High	
Low	

CC0203

Analysis Report 09/24/99 04:43:23 PM page 1

Method: WENSNEW Sample Name: 9925225-003 Operator: LMT
Run Time: 09/24/99 16:37:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00080	79.591	3.0571	.04797	1.8755	.00582	40.563
SDev	.00016	.181	.0044	.00147	.0019	.00002	.100
%RSD	19.520	.22763	.14306	3.0747	.10132	.38267	.24675
#1	.00091	79.719	3.0602	.04902	1.8769	.00580	40.634
#2	.00069	79.463	3.0540	.04693	1.8742	.00584	40.492
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.02346	.04943	.17724	.29341	H121.25	22.054	24.910
SDev	.00016	.00014	.00068	.00083	.24	.074	.130
%RSD	.69129	.27481	.38202	.28382	.19630	.33593	.52307
#1	.02358	.04953	.17771	.29400	H121.42	22.107	25.002
#2	.02335	.04933	.17676	.29283	H121.08	22.002	24.818
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	22.692	3.8530	.01736	1.4868	.68904	.07496	2.1491
SDev	.059	.0080	.00088	.0050	.07413	.00008	.0009
%RSD	.25947	.20858	5.0794	.33347	10.758	.10267	.04396
#1	22.734	3.8587	.01799	1.4903	.74146	.07490	2.1498
#2	22.650	3.8473	.01674	1.4833	.63662	.07501	2.1484
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02348	.01378	18.974	40.607	.06482	.53736	L-.03582
SDev	.00366	.00135	.042	.089	.00160	.00091	.00093
%RSD	15.599	9.7759	.22062	.21843	2.4643	.16870	2.5996
#1	.02607	.01473	19.004	40.670	.06595	.53800	L-.03516
#2	.02089	.01283	18.945	40.544	.06369	.53672	L-.03648
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.19995	3.1051	2.2037	2.1219	.02590	.02228	.00456
SDev	.00010	.0094	.0007	.0018	.00319	.00708	.00414
%RSD	.04757	.30369	.03066	.08265	12.303	31.793	90.867
#1	.19988	3.1118	2.2032	2.1231	.02365	.02729	.00749
#2	.20002	3.0985	2.2042	2.1206	.02815	.01727	.00163
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01838
SDev	.00005
%RSD	.27039
#1	.01834
#2	.01842
Errors	NOCHECK
High	
Low	

CC0271

Analysis Report QC Standard 09/24/99 04:49:20 PM page 1

Method: WENSNEW Sample Name: CCV 990924I Operator: LMT
Run Time: 09/24/99 16:43:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.48309	9.7945	2.5488	2.6645	5.0287	2.6165	10.480
SDev	.00003	.0145	.0041	.0052	.0004	.0082	.014
%RSD	.00702	.14827	.16278	.19378	.00762	.31208	.12986
#1	.48307	9.8048	2.5517	2.6682	5.0289	2.6108	10.490
#2	.48312	9.7842	2.5458	2.6609	5.0284	2.6223	10.471
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	
Range	10.000	10.000	10.000	10.000	10.000	10.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.99290	2.5343	2.5787	2.4075	5.1934	10.567	9.7480
SDev	.00043	.0005	.0044	.0003	.0074	.013	.6458
%RSD	.04290	.01792	.17247	.01217	.14181	.12056	6.6250
#1	.99260	2.5346	2.5818	2.4073	5.1986	10.576	9.2914
#2	.99320	2.5340	2.5755	2.4077	5.1882	10.558	10.205
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	10.716	5.0204	2.4328	9.0975	10.059	2.4668	.96000
SDev	.008	.0055	.0014	.0109	.001	.0046	.00001
%RSD	.07618	.11006	.05817	.11976	.01189	.18778	.00051
#1	10.722	5.0243	2.4318	9.0898	10.058	2.4700	.96000
#2	10.710	5.0165	2.4338	9.1052	10.060	2.4635	.95999
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5407	2.6103	24.518	52.469	2.5267	4.9104	2.3426
SDev	.0017	.0032	.009	.020	.0038	.0039	.0008
%RSD	.06685	.12370	.03532	.03786	.15097	.07910	.03322
#1	2.5395	2.6080	24.524	52.483	2.5294	4.9131	2.3420
#2	2.5419	2.6126	24.512	52.455	2.5240	4.9077	2.3431
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C00272

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4859	2.4173	.97364	.95319	2.5384	2.5419	2.6250
SDev	.0025	.0031	.00131	.00065	.0015	.0033	.0070
%RSD	.10045	.12903	.13480	.06797	.06038	.13028	.26838
#1	2.4877	2.4195	.97457	.95273	2.5395	2.5395	2.6200
#2	2.4842	2.4151	.97271	.95365	2.5374	2.5442	2.6300
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.5000					
Range	10.000	10.000					

Elem	Se_2nd
Units	mg/L
Avge	2.6029
SDev	.0013
%RSD	.05086
#1	2.6020
#2	2.6038
Errors	NOCHECK
Value	
Range	

000273

Analysis Report Blank Sample 09/24/99 04:55:17 PM page 1

Method: WENSNEW Sample Name: CCB 9909248 Operator: LMT
Run Time: 09/24/99 16:49:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00030	.01147	.00181	.00261	.00012	.00005	.00417
SDev	.00017	.00431	.00186	.00028	.00015	.00004	.00060
%RSD	55.670	37.553	103.02	10.888	119.67	92.211	14.431
#1	.00018	.00842	.00313	.00241	.00002	.00008	.00375
#2	.00042	.01451	.00049	.00281	.00022	.00002	.00460
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00025	.00061	.00043	-.00004	.00774	.01697	.65294
SDev	.00002	.00054	.00054	.00000	.00149	.00371	1.0678
%RSD	9.5430	88.644	124.89	.27769	19.249	21.851	163.55
#1	.00024	.00023	.00005	-.00004	.00669	.01435	-.10215
#2	.00027	.00099	.00082	-.00004	.00880	.01960	1.4080
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00221	.00021	.00035	.00278	.03720	.00057	.00048
SDev	.00035	.00007	.00023	.00063	.06815	.00028	.00065
%RSD	15.713	32.641	65.255	22.746	183.20	49.977	135.69
#1	.00196	.00016	.00051	.00234	-.01099	.00037	.00002
#2	.00246	.00026	.00019	.00323	.08539	.00077	.00093
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00131	-.00079	.00683	.01463	-.00025	.00010	.00305
SDev	.00020	.00169	.00153	.00327	.00036	.00005	.00053
%RSD	15.545	213.01	22.384	22.383	141.42	44.659	17.436
#1	.00145	-.00198	.00792	.01694	-.00051	.00007	.00268
#2	.00116	.00040	.00575	.01231	-.00000	.00013	.00343
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00015	.00029	-.00039	.00091	.00060	.00166	.00091
SDev	.00003	.00012	.00262	.00228	.00228	.00144	.00631
%RSD	19.817	42.636	665.29	250.04	377.30	86.920	690.19
#1	.00018	.00038	.00146	-.00070	-.00101	.00268	.00537
#2	.00013	.00020	-.00225	.00252	.00221	.00064	-.00355
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	-.00164
SDev	.00568
%RSD	345.55
#1	-.00566
#2	.00237
Errors	NOCHECK
High	
Low	

000275

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Method: WENSNEW Sample Name: 992466S-031 Operator: LMT
Run Time: 09/24/99 16:55:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00031	58.052	.03565	.03655	1.1079	.00438	41.068
SDev	.00022	.059	.00068	.00015	.0017	.00000	.035
%RSD	71.243	.10155	1.9167	.39964	.15486	.02287	.08504
#1	-.00047	58.011	.03517	.03665	1.1067	.00437	41.043
#2	-.00015	58.094	.03614	.03644	1.1091	.00438	41.093
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00788	.04149	.10666	.14043	H95.858	21.419	23.456
SDev	.00009	.00037	.00043	.00004	.066	.040	.249
%RSD	1.1589	.89440	.40329	.03075	.06900	.18489	1.0627
#1	.00795	.04123	.10636	.14046	H95.812	21.391	23.280
#2	.00782	.04176	.10696	.14040	H95.905	21.447	23.632
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	21.398	2.1856	.00659	1.0065	.20460	.06716	.76491
SDev	.029	.0024	.00008	.0031	.00359	.00035	.00067
%RSD	.13555	.10802	1.1500	.31164	1.7532	.51575	.08719
#1	21.377	2.1839	.00665	1.0043	.20714	.06691	.76538
#2	21.418	2.1873	.00654	1.0087	.20206	.06740	.76444
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00796	.00575	15.760	33.728	.03027	.33709	L-.02113
SDev	.00040	.00071	.029	.062	.00073	.00019	.00040
%RSD	5.0676	12.294	.18553	.18288	2.4023	.05514	1.9032
#1	.00768	.00525	15.740	33.685	.03078	.33695	L-.02142
#2	.00825	.00625	15.781	33.772	.02975	.33722	L-.02085
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000276

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.15905	1.0625	.79616	.74931	.01043	.00673	-.00809
SDev	.00013	.0016	.00382	.00091	.00280	.00079	.00121
%RSD	.08218	.14828	.48020	.12130	26.845	11.787	14.961
#1	.15896	1.0614	.79886	.74866	.00845	.00729	-.00724
#2	.15915	1.0636	.79346	.74995	.01241	.00617	-.00895
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01266
SDev	.00166
%RSD	13.146
#1	.01148
#2	.01384
Errors	NOCHECK
High	
Low	

000277

Method: WENSNEW Sample Name: 9924665-032 Operator: LMT
Run Time: 09/24/99 17:01:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00208	66.632	.13307	.06218	1.5400	.00521	40.220
SDev	.00004	.061	.00011	.00076	.0011	.00003	.045
%RSD	1.9256	.09098	.07965	1.2309	.06856	.66342	.11199
#1	.00211	66.675	.13300	.06163	1.5408	.00519	40.252
#2	.00205	66.590	.13315	.06272	1.5393	.00524	40.188
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.01657	.04780	.16000	.24550	H112.69	24.271	25.875
SDev	.00024	.00037	.00021	.03228	.13	.023	.193
%RSD	1.4706	.77655	.13465	13.147	.11134	.09520	.74438
#1	.01675	.04754	.16015	.22268	H112.78	24.287	25.739
#2	.01640	.04806	.15985	.26832	H112.60	24.254	26.011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	21.879	2.7581	.01363	1.1974	.44217	.07540	2.3748
SDev	.030	.0036	.00007	.0001	.16022	.00077	.0009
%RSD	.13495	.13070	.55177	.00740	36.234	1.0240	.03966
#1	21.900	2.7606	.01358	1.1975	.55546	.07485	2.3754
#2	21.858	2.7555	.01368	1.1974	.32888	.07594	2.3741
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01147	.00763	20.188	43.203	.03814	.50145	L-.02619
SDev	.00068	.00101	.023	.048	.00092	.00047	.00016
%RSD	5.9055	13.275	.11177	.11178	2.4065	.09380	.61466
#1	.01195	.00692	20.204	43.238	.03749	.50178	L-.02630
#2	.01099	.00835	20.172	43.169	.03879	.50112	L-.02607
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000273

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.18274	2.0894	2.4246	2.3499	.01294	.01074	-.00032
SDev	.00029	.0044	.0011	.0008	.00012	.00108	.00086
%RSD	.16097	.20832	.04700	.03587	.92687	10.016	269.17
#1	.18253	2.0925	2.4254	2.3505	.01285	.01150	.00029
#2	.18295	2.0864	2.4238	2.3493	.01302	.00998	-.00093
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01160
SDev	.00195
%RSD	16.795
#1	.01022
#2	.01298
Errors	NOCHECK
High	
Low	

E12003

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Method: WENSNEW Sample Name: 992466S-033 Operator: LMT
Run Time: 09/24/99 17:07:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00258	64.634	.06566	.04223	1.6292	.00480	39.862
SDev	.00050	.064	.00019	.00011	.0022	.00001	.047
%RSD	19.507	.09890	.28687	.25770	.13284	.25855	.11784
#1	.00222	64.679	.06579	.04215	1.6308	.00481	39.895
#2	.00293	64.589	.06553	.04231	1.6277	.00479	39.829
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.01576	.04618	.10704	.29444	H110.00	23.150	25.040
SDev	.00006	.00047	.00007	.00034	.13	.003	.399
%RSD	.38492	1.0259	.06764	.11604	.11943	.01284	1.5950
#1	.01572	.04584	.10709	.29469	H110.09	23.152	24.758
#2	.01580	.04651	.10699	.29420	H109.90	23.148	25.322
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	18.674	3.2279	.01347	.79464	.10061	.06377	2.5545
SDev	.019	.0036	.00141	.00071	.10761	.00061	.0016
%RSD	.10045	.11241	10.497	.08982	106.96	.95948	.06084
#1	18.688	3.2304	.01247	.79515	L.02452	.06421	2.5534
#2	18.661	3.2253	.01447	.79414	.17670	.06334	2.5556
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01250	.00965	14.078	30.130	.05362	.41304	L-.03073
SDev	.00014	.00106	.011	.023	.00005	.00046	.00049
%RSD	1.0967	11.034	.07558	.07508	.08892	.11203	1.5891
#1	.01240	.00890	14.071	30.114	.05366	.41337	L-.03108
#2	.01259	.01041	14.086	30.146	.05359	.41272	L-.03039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.17624	2.4315	2.6000	2.5317	.01196	.01276	-.00306
SDev	.00023	.0022	.0033	.0040	.00045	.00002	.00315
%RSD	.12934	.09055	.12686	.15707	3.7998	.16781	102.98
#1	.17640	2.4331	2.6023	2.5289	.01164	.01278	-.00529
#2	.17608	2.4299	2.5977	2.5345	.01228	.01275	-.00083
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01600
SDev	.00002
%RSD	.13897
#1	.01599
#2	.01602
Errors	NOCHECK
High	
Low	

182990

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Method: WENSNEW Sample Name: 992466S-034 Operator: LMT
Run Time: 09/24/99 17:13:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00539	72.296	.09415	.05344	1.9848	.00557	53.373
SDev	.00033	.030	.00134	.00049	.0002	.00000	.031
%RSD	6.1968	.04124	1.4271	.91487	.01196	.04415	.05732
#1	.00563	72.318	.09320	.05379	1.9847	.00557	53.395
#2	.00516	72.275	.09510	.05310	1.9850	.00557	53.352
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.05259	.05019	.13265	.37298	H120.78	21.354	23.109
SDev	.00008	.00002	.00057	.00011	.02	.032	.031
%RSD	.15137	.03367	.43184	.02854	.01784	.15103	.13482
#1	.05253	.05018	.13306	.37291	H120.79	21.377	23.131
#2	.05264	.05020	.13225	.37306	H120.76	21.332	23.087
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	22.048	3.8594	.01544	1.0293	.35594	.07622	2.5822
SDev	.018	.0016	.00000	.0013	.04783	.00003	.0019
%RSD	.07956	.04039	.00161	.12561	13.437	.03314	.07172
#1	22.061	3.8605	.01544	1.0302	.38975	.07624	2.5835
#2	22.036	3.8583	.01544	1.0284	.32212	.07620	2.5809
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01469	.01371	13.827	29.592	.06650	.58800	L-.03602
SDev	.00004	.00070	.010	.022	.00172	.00001	.00042
%RSD	.25381	5.1325	.07217	.07268	2.5811	.00194	1.1695
#1	.01472	.01420	13.834	29.608	.06529	.58800	L-.03573
#2	.01466	.01321	13.820	29.577	.06772	.58801	L-.03632
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

282033

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.18899	3.4107	2.6325	2.5571	.01473	.01467	.00246
SDev	.00034	.0002	.0034	.0011	.00156	.00072	.00265
%RSD	.17779	.00506	.12772	.04293	10.579	4.9217	107.92
#1	.18875	3.4106	2.6349	2.5578	.01583	.01416	.00434
#2	.18923	3.4108	2.6301	2.5563	.01363	.01518	.00058
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01932
SDev	.00027
%RSD	1.3997
#1	.01913
#2	.01951
Errors	NOCHECK
High	
Low	

000283

Analysis Report 09/24/99 05:24:58 PM page 1

Method: WENSNEW Sample Name: 9924665-035 Operator: LMT
Run Time: 09/24/99 17:19:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00598	62.051	.05865	.05650	1.5893	.00507	59.252
SDev	.00037	.084	.00245	.00122	.0024	.00000	.091
%RSD	6.1422	.13609	4.1800	2.1639	.14947	.07764	.15388
#1	.00624	62.111	.06038	.05737	1.5909	.00508	59.316
#2	.00572	61.991	.05691	.05564	1.5876	.00507	59.187
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.02915	.04252	.11814	.37229	H99.333	19.118	20.614
SDev	.00012	.00036	.00030	.00049	.193	.012	.116
%RSD	.39326	.83447	.25190	.13029	.19422	.06061	.56338
#1	.02923	.04227	.11835	.37263	H99.470	19.110	20.532
#2	.02907	.04277	.11793	.37195	H99.197	19.126	20.696
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	17.454	2.3316	.00987	1.1129	.49036	.06471	1.7724
SDev	.027	.0040	.00053	.0003	.06815	.00024	.0002
%RSD	.15622	.17105	5.4038	.02645	13.898	.37480	.01097
#1	17.474	2.3344	.00950	1.1131	.44217	.06454	1.7722
#2	17.435	2.3288	.01025	1.1127	.53855	.06488	1.7725
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00978	.00774	14.743	31.551	.04624	.56993	L-.02495
SDev	.00166	.00024	.008	.019	.00062	.00120	.00132
%RSD	16.974	3.0519	.05706	.05895	1.3405	.20964	5.2865
#1	.00860	.00757	14.749	31.564	.04580	.57078	L-.02402
#2	.01095	.00791	14.737	31.538	.04668	.56909	L-.02588
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000284

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.17119	2.3670	1.8072	1.7550	.01125	.00905	-.00160
SDev	.00054	.0033	.0045	.0020	.00020	.00259	.00470
%RSD	.31795	.14132	.25087	.11237	1.7716	28.608	293.67
#1	.17158	2.3693	1.8040	1.7564	.01139	.00722	-.00492
#2	.17081	2.3646	1.8104	1.7536	.01110	.01088	.00172
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01240
SDev	.00199
%RSD	16.052
#1	.01381
#2	.01100
Errors	NOCHECK
High	
Low	

000295

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Method: WENSNEW Sample Name: 992466S-036 Operator: LMT
Run Time: 09/24/99 17:25:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01177	72.134	.08714	.16286	2.6473	.00604	69.950
SDev	.00016	.091	.00228	.00099	.0044	.00002	.083
%RSD	1.3398	.12556	2.6200	.60898	.16651	.36346	.11794
#1	.01166	72.069	.08553	.16216	2.6442	.00603	69.892
#2	.01188	72.198	.08876	.16357	2.6504	.00606	70.009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.04590	.05082	.15568	.65155	H135.15	23.504	26.510
SDev	.00000	.00007	.00010	.00035	.19	.010	.014
%RSD	.00905	.13157	.06642	.05383	.13722	.04362	.05342
#1	.04591	.05087	.15561	.65130	H135.02	23.496	26.500
#2	.04590	.05077	.15576	.65180	H135.28	23.511	26.520
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	21.693	3.1979	.01618	1.8858	1.1177	.08072	3.9662
SDev	.022	.0037	.00069	.0030	.0036	.00009	.0044
%RSD	.10328	.11563	4.2663	.16130	.32093	.10813	.11157
#1	21.677	3.1953	.01569	1.8836	1.1202	.08079	3.9693
#2	21.709	3.2005	.01667	1.8879	1.1152	.08066	3.9631
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01830	.00874	13.060	27.951	.27143	.81910	L-.03123
SDev	.00297	.00308	.012	.026	.00043	.00105	.00016
%RSD	16.242	35.222	.09476	.09424	.15810	.12874	.52401
#1	.01620	.01091	13.051	27.933	.27112	.81835	L-.03111
#2	.02040	.00656	13.069	27.970	.27173	.81985	L-.03134
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000286

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.19294	3.7428	4.0260	3.9363	.02179	.01656	-.00208
SDev	.00005	.0060	.0055	.0094	.00455	.00673	.00060
%RSD	.02713	.16031	.13549	.23772	20.876	40.626	28.594
#1	.19291	3.7385	4.0222	3.9429	.02501	.01180	-.00250
#2	.19298	3.7470	4.0299	3.9297	.01857	.02132	-.00166
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01414
SDev	.00491
%RSD	34.735
#1	.01761
#2	.01067
Errors	NOCHECK
High	
Low	

000287

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Method: WENSNEW Sample Name: 992466S-037 Operator: LMT
Run Time: 09/24/99 17:30:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00011	51.115	.46019	.04209	1.3251	.00392	25.570
SDev	.00023	.024	.00080	.00082	.0003	.00001	.006
%RSD	203.50	.04667	.17468	1.9457	.02589	.20150	.02496
#1	-.00027	51.132	.46076	.04267	1.3249	.00393	25.575
#2	.00005	51.098	.45962	.04151	1.3253	.00392	25.566
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.04139	.03726	.12813	.25246	H96.694	18.910	21.896
SDev	.00017	.00012	.00010	.00093	.024	.070	.195
%RSD	.40539	.31792	.07957	.37030	.02440	.36949	.89262
#1	.04151	.03734	.12805	.25180	H96.711	18.960	22.034
#2	.04128	.03717	.12820	.25312	H96.677	18.861	21.757
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	14.791	2.4610	.01942	.96195	.19276	.06199	1.2598
SDev	.006	.0006	.00031	.00163	.02272	.00043	.0015
%RSD	.04227	.02551	1.5767	.16912	11.785	.69811	.11946
#1	14.795	2.4614	.01964	.96310	.17670	.06168	1.2608
#2	14.786	2.4605	.01920	.96080	.20883	.06229	1.2587
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01225	.00518	17.424	37.290	.04248	.33761	L-.02227
SDev	.00238	.00010	.010	.022	.00033	.00008	.00150
%RSD	19.437	1.9439	.05947	.05827	.78567	.02359	6.7316
#1	.01057	.00511	17.417	37.275	.04225	.33767	L-.02333
#2	.01394	.00526	17.431	37.305	.04272	.33755	L-.02121
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C00283

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.14622	2.4906	1.2867	1.2463	.01463	.01107	-.00958
SDev	.00040	.0007	.0001	.0022	.00289	.00213	.00392
%RSD	.27181	.02641	.00611	.17790	19.735	19.241	40.920
#1	.14594	2.4911	1.2868	1.2479	.01259	.00956	-.01235
#2	.14650	2.4902	1.2867	1.2448	.01667	.01257	-.00680
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01255
SDev	.00180
%RSD	14.380
#1	.01383
#2	.01128
Errors	NOCHECK
High	
Low	

000283

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Method: WENSNEW Sample Name: 992466S-037 MS Operator: LMT
Run Time: 09/24/99 17:36:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04798	60.365	2.2761	1.0722	3.0521	.05594	35.185
SDev	.00019	.123	.0049	.0041	.0101	.00018	.102
%RSD	.39107	.20400	.21456	.37780	.32992	.31417	.28960
#1	.04785	60.452	2.2796	1.0751	3.0593	.05606	35.257
#2	.04812	60.278	2.2726	1.0693	3.0450	.05581	35.113
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.08935	.53374	.33162	.47033	H89.817	27.276	28.008
SDev	.00019	.00177	.00095	.00134	.319	.021	.207
%RSD	.20762	.33220	.28722	.28529	.35565	.07854	.73826
#1	.08948	.53500	.33229	.47128	H90.043	27.261	27.862
#2	.08922	.53249	.33095	.46938	H89.591	27.291	28.155
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	25.540	2.6560	1.0020	9.6092	9.3710	.53786	1.6916
SDev	.086	.0093	.0015	.0003	.1136	.00217	.0046
%RSD	.33797	.34896	.14532	.00302	1.2121	.40369	.27120
#1	25.601	2.6626	1.0030	9.6094	9.2907	.53940	1.6948
#2	25.479	2.6495	1.0010	9.6090	9.4513	.53633	1.6884
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.41068	1.9024	26.987	57.754	1.0315	1.3283	1.7911
SDev	.00161	.0058	.088	.190	.0052	.0046	.0082
%RSD	.39295	.30515	.32569	.32957	.50733	.34638	.45795
#1	.40954	1.9065	27.049	57.888	1.0352	1.3316	1.7969
#2	.41182	1.8983	26.924	57.619	1.0278	1.3251	1.7853
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000290

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.63813	2.4558	1.7270	1.6739	.41188	.41009	1.8780
SDev	.00186	.0097	.0061	.0038	.00110	.00187	.0082
%RSD	.29077	.39415	.35170	.22976	.26690	.45616	.43577
#1	.63944	2.4627	1.7313	1.6766	.41110	.40876	1.8838
#2	.63682	2.4490	1.7227	1.6712	.41265	.41141	1.8722
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	1.9146
SDev	.0046
%RSD	.24119
#1	1.9179
#2	1.9114
Errors	NOCHECK
High	
Low	

000291

Analysis Report 09/24/99 05:48:42 PM page 1

Method: WENSNEW Sample Name: 992466S-037 MSD Operator: LMT
Run Time: 09/24/99 17:42:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04733	61.246	2.2285	1.0717	3.0953	.05525	34.529
SDev	.00014	.084	.0009	.0038	.0054	.00012	.058
%RSD	.29026	.13677	.04211	.35240	.17566	.22408	.16673
#1	.04743	61.187	2.2278	1.0691	3.0915	.05516	34.488
#2	.04723	61.305	2.2292	1.0744	3.0992	.05534	34.569
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.08972	.52645	.32734	.51971	H106.65	27.310	28.331
SDev	.00005	.00115	.00013	.00104	.19	.023	.538
%RSD	.05796	.21825	.04094	.20113	.18077	.08284	1.8996
#1	.08968	.52563	.32724	.51897	H106.52	27.294	28.711
#2	.08975	.52726	.32743	.52045	H106.79	27.326	27.950
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	25.059	2.6898	.99314	9.5996	9.3050	.53778	1.6136
SDev	.041	.0046	.00168	.0078	.0634	.00068	.0017
%RSD	.16287	.17120	.16961	.08137	.68102	.12696	.10354
#1	25.030	2.6866	.99195	9.5941	9.2602	.53730	1.6148
#2	25.088	2.6931	.99433	9.6052	9.3498	.53826	1.6124
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.40533	1.8762	23.606	50.517	1.0001	1.3276	1.7735
SDev	.00128	.0036	.054	.116	.0007	.0019	.0037
%RSD	.31492	.19235	.23050	.22875	.06674	.14657	.20892
#1	.40623	1.8788	23.567	50.435	.99968	1.3262	1.7709
#2	.40443	1.8737	23.644	50.599	1.0006	1.3289	1.7761
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC0252

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.63639	2.5031	1.6501	1.5953	.40662	.40469	1.8561
SDev	.00067	.0053	.0006	.0028	.00135	.00124	.0040
%RSD	.10541	.21132	.03345	.17428	.33083	.30694	.21302
#1	.63592	2.4994	1.6498	1.5973	.40757	.40557	1.8533
#2	.63687	2.5068	1.6505	1.5933	.40567	.40381	1.8589
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	1.8863
SDev	.0074
%RSD	.39150
#1	1.8915
#2	1.8811
Errors	NOCHECK
High	
Low	

000293

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Method: WENSNEW Sample Name: 992466S-037 PDS Operator: LMT
Run Time: 09/24/99 17:48:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04330	50.888	2.2864	1.0100	3.1161	.05207	34.906
SDev	.00031	.099	.0041	.0012	.0047	.00014	.071
%RSD	.71380	.19387	.17769	.11956	.15162	.26708	.20392
#1	.04308	50.818	2.2835	1.0092	3.1128	.05197	34.856
#2	.04352	50.957	2.2893	1.0109	3.1195	.05217	34.957
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.06346	.49929	.31408	.47067	H95.187	28.366	30.426
SDev	.00001	.00080	.00074	.00061	.177	.040	.176
%RSD	.01524	.15914	.23479	.12929	.18612	.14270	.57719
#1	.06345	.49873	.31356	.47024	H95.062	28.337	30.550
#2	.06347	.49985	.31460	.47110	H95.312	28.394	30.302
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	24.294	2.8396	.99054	9.2368	9.0658	.50508	1.6550
SDev	.049	.0049	.00168	.0285	.0359	.00155	.0002
%RSD	.20303	.17159	.17004	.30811	.39566	.30606	.01446
#1	24.259	2.8362	.98935	9.2167	9.0404	.50398	1.6552
#2	24.329	2.8431	.99173	9.2569	9.0911	.50617	1.6549
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.46411	1.7837	21.714	46.472	1.0104	1.2806	1.6694
SDev	.00197	.0020	.030	.066	.0023	.0019	.0007
%RSD	.42348	.11150	.14042	.14106	.22415	.14662	.03958
#1	.46272	1.7851	21.693	46.425	1.0088	1.2793	1.6689
#2	.46550	1.7823	21.736	46.518	1.0120	1.2819	1.6699
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000294

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.60759	2.8748	1.6880	1.6386	.46134	.46549	1.7590
SDev	.00129	.0041	.0009	.0001	.00119	.00354	.0042
%RSD	.21160	.14406	.05488	.00633	.25785	.76059	.23845
#1	.60668	2.8719	1.6887	1.6385	.46218	.46299	1.7619
#2	.60850	2.8778	1.6873	1.6387	.46050	.46800	1.7560
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	1.7960
SDev	.0009
%RSD	.04943
#1	1.7967
#2	1.7954
Errors	NOCHECK
High	
Low	

000295

Analysis Report QC Standard 09/24/99 06:00:35 PM page 1

Method: WENSNEW Sample Name: CCV 990924I Operator: LMT
Run Time: 09/24/99 17:54:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.48630	9.8163	2.5750	2.6839	5.0391	2.6435	10.605
SDev	.00147	.0287	.0081	.0063	.0186	.0043	.028
%RSD	.30155	.29259	.31549	.23426	.36953	.16268	.26688
#1	.48733	9.8366	2.5807	2.6884	5.0523	2.6465	10.625
#2	.48526	9.7959	2.5692	2.6795	5.0260	2.6404	10.585
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	
Range	10.000	10.000	10.000	10.000	10.000	10.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/1
Avge	1.0053	2.5630	2.6069	2.4142	5.2447	10.505	9.9603
SDev	.0015	.0068	.0084	.0094	.0042	.011	.2719
%RSD	.14887	.26430	.32199	.38909	.07993	.10263	2.7300
#1	1.0064	2.5678	2.6128	2.4208	5.2477	10.513	9.7681
#2	1.0042	2.5582	2.6009	2.4076	5.2417	10.497	10.153
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/1	mg/L	mg/L
Avge	10.882	5.0746	2.4629	9.0930	9.9171	2.4910	.97112
SDev	.027	.0186	.0080	.0172	.0418	.0060	.00247
%RSD	.25217	.36564	.32603	.18862	.42197	.24216	.25456
#1	10.902	5.0878	2.4686	9.1052	9.8876	2.4952	.97287
#2	10.863	5.0615	2.4573	9.0809	9.9467	2.4867	.96938
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5559	2.6319	24.715	52.891	2.5634	4.9285	2.3704
SDev	.0031	.0007	.053	.115	.0018	.0175	.0014
%RSD	.12195	.02710	.21496	.21765	.07022	.35434	.05994
#1	2.5581	2.6324	24.752	52.972	2.5646	4.9408	2.3714
#2	2.5537	2.6314	24.677	52.809	2.5621	4.9161	2.3694
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000296

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5059	2.4348	.98654	.96343	2.5529	2.5574	2.6494
SDev	.0077	.0071	.00236	.00253	.0015	.0054	.0037
%RSD	.30808	.29191	.23891	.26256	.05798	.21162	.13934
#1	2.5113	2.4398	.98820	.96522	2.5518	2.5612	2.6520
#2	2.5004	2.4298	.98487	.96164	2.5539	2.5536	2.6468
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.5000					
Range	10.000	10.000					

Elem	Se_2nd
Units	mg/L
Avge	2.6232
SDev	.0008
%RSD	.02951
#1	2.6226
#2	2.6237
Errors	NOCHECK
Value	
Range	

000297

Analysis Report Blank Sample 09/24/99 06:06:32 PM page 1

Method: WENSNEW Sample Name: CCB 9909248 Operator: LMT
Run Time: 09/24/99 18:00:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00014	.00690	.00190	.00390	.00008	.00006	.00426
SDev	.00111	.00051	.00050	.00114	.00001	.00004	.00024
%RSD	794.83	7.3861	26.092	29.207	15.715	70.672	5.6568
#1	.00092	.00654	.00155	.00470	.00007	.00009	.00443
#2	-.00064	.00726	.00225	.00309	.00009	.00003	.00409
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00020	.00041	.00020	-.00026	.00559	.01342	.00000
SDev	.00001	.00012	.00007	.00017	.01437	.00422	.00283
%RSD	6.4597	29.387	35.336	64.272	257.27	31.408	6796400.
#1	.00021	.00049	.00025	-.00038	-.00458	.01640	.00200
#2	.00019	.00032	.00015	-.00014	.01575	.01044	-.00200
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00172	.00017	.00051	.00257	-.06933	.00094	.00001
SDev	.00417	.00003	.00138	.00035	.03707	.00019	.00042
%RSD	242.44	20.126	267.90	13.767	53.464	20.622	5165.8
#1	-.00123	.00015	.00149	.00232	-.04312	.00108	.00031
#2	.00467	.00020	-.00046	.00283	-.09554	.00081	-.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00168	.00037	.00475	.01015	.00093	.00012	.00338
SDev	.00060	.00413	.00122	.00260	.00014	.00000	.00216
%RSD	35.919	1116.0	25.650	25.647	15.428	3.2889	63.905
#1	.00211	.00329	.00561	.01200	.00103	.00012	.00185
#2	.00125	-.00255	.00388	.00831	.00083	.00011	.00491
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00000	.00008	-.00068	.00035	.00189	.00157	.00051
SDev	.00000	.00002	.00383	.00128	.00399	.00290	.00787
%RSD	38.356	29.651	560.89	361.42	211.39	184.05	1547.5
#1	.00000	.00006	.00202	-.00055	-.00093	.00362	.00607
#2	.00000	.00010	-.00339	.00126	.00471	-.00047	-.00505
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00030
SDev	.00227
%RSD	753.05
#1	.00191
#2	-.00130
Errors	NOCHECK
High	
Low	

6620000

Analysis Report 09/24/99 06:12:28 PM page 1

Method: WENSNEW Sample Name: 992545S-033 Operator: LMT
Run Time: 09/24/99 18:06:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00308	76.075	.07560	.23730	2.0126	.00642	74.032
SDev	.00019	.021	.00135	.00189	.0016	.00002	.017
%RSD	6.1179	.02742	1.7799	.79871	.07868	.30405	.02229
#1	.00322	76.060	.07656	.23596	2.0115	.00643	74.021
#2	.00295	76.089	.07465	.23864	2.0138	.00640	74.044
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.04076	.04677	.11054	.47170	H115.91	20.978	23.616
SDev	.00023	.00008	.00012	.00118	.05	.054	.023
%RSD	.56852	.18062	.11072	.24946	.04713	.25598	.09596
#1	.04093	.04671	.11063	.47087	H115.87	21.016	23.632
#2	.04060	.04683	.11045	.47253	H115.95	20.940	23.600
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	21.776	2.2869	.01125	2.6040	1.9496	.07110	1.6777
SDev	.004	.0005	.00019	.0076	.0347	.00080	.0042
%RSD	.01835	.02032	1.7035	.28994	1.7785	1.1176	.24937
#1	21.779	2.2866	.01112	2.6094	1.9251	.07166	1.6806
#2	21.773	2.2872	.01139	2.5987	1.9741	.07054	1.6747
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01083	.01148	18.399	39.375	.07238	.89761	L-.02334
SDev	.00143	.00548	.010	.023	.00051	.00070	.00285
%RSD	13.178	47.740	.05669	.05764	.70817	.07775	12.196
#1	.00982	.00760	18.391	39.359	.07274	.89712	L-.02133
#2	.01184	.01535	18.406	39.391	.07202	.89811	L-.02535
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000300

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.17501	1.9343	1.7201	1.6565	.01187	.01031	-.00197
SDev	.00028	.0015	.0004	.0061	.00118	.00273	.00656
%RSD	.16195	.07803	.02463	.36587	9.9639	26.481	333.26
#1	.17481	1.9333	1.7204	1.6608	.01271	.00838	-.00661
#2	.17521	1.9354	1.7198	1.6522	.01104	.01224	.00267
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01819
SDev	.00494
%RSD	27.145
#1	.01470
#2	.02168
Errors	NOCHECK
High	
Low	

CCC301

Analysis Report 09/24/99 06:18:24 PM page 1

Method: WENSNEW Sample Name: 992545S-034 Operator: LMT
Run Time: 09/24/99 18:12:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00107	61.029	.12449	.04441	1.4321	.00456	36.546
SDev	.00039	.007	.00187	.00011	.0005	.00001	.007
%RSD	36.714	.01139	1.5032	.25165	.03226	.19259	.01846
#1	.00135	61.024	.12317	.04449	1.4324	.00457	36.551
#2	.00080	61.034	.12581	.04434	1.4317	.00456	36.541
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.01511	.04549	.15223	.23133	H98.173	22.646	24.497
SDev	.00015	.00007	.00002	.00017	.018	.015	.448
%RSD	1.0165	.14825	.01350	.07333	.01855	.06704	1.8269
#1	.01521	.04554	.15221	.23145	H98.185	22.635	24.181
#2	.01500	.04544	.15224	.23121	H98.160	22.656	24.814
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	20.586	2.6696	.01432	2.0203	1.3527	.07355	1.8431
SDev	.006	.0007	.00012	.0007	.0227	.00010	.0002
%RSD	.02784	.02789	.79944	.03415	1.6794	.14168	.00840
#1	20.590	2.6701	.01424	2.0198	1.3688	.07348	1.8432
#2	20.582	2.6691	.01441	2.0208	1.3367	.07363	1.8430
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00897	.00976	18.063	38.657	.03373	.41319	L-.02469
SDev	.00053	.00335	.009	.017	.00050	.00005	.00051
%RSD	5.9508	34.347	.04985	.04524	1.4842	.01285	2.0678
#1	.00935	.01213	18.070	38.670	.03338	.41323	L-.02432
#2	.00859	.00739	18.057	38.645	.03409	.41316	L-.02505
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000302

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.15663	1.8566	1.8816	1.8239	.01170	.00760	-.00380
SDev	.00028	.0006	.0048	.0022	.00190	.00175	.00189
%RSD	.17584	.03287	.25521	.11873	16.211	22.981	49.908
#1	.15644	1.8561	1.8850	1.8224	.01036	.00884	-.00246
#2	.15683	1.8570	1.8782	1.8254	.01305	.00637	-.00514
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01652
SDev	.00408
%RSD	24.685
#1	.01941
#2	.01364
Errors	NOCHECK
High	
Low	

CCC303

Analysis Report 09/24/99 06:24:20 PM page 1

Method: WENSNEW Sample Name: 992545S-035 Operator: LMT
Run Time: 09/24/99 18:18:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00299	59.501	.06030	.09642	1.5606	.00483	61.080
SDev	.00049	.002	.00301	.00039	.0009	.00004	.007
%RSD	16.291	.00333	4.9913	.40910	.05835	.91667	.01104
#1	.00264	59.502	.05817	.09614	1.5612	.00486	61.085
#2	.00333	59.499	.06243	.09670	1.5599	.00480	61.075
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.03482	.03715	.08409	.33089	H91.866	15.332	17.331
SDev	.00005	.00032	.00049	.00016	.016	.024	.533
%RSD	.14832	.86256	.58347	.04852	.01790	.15972	3.0726
#1	.03478	.03692	.08375	.33100	H91.877	15.315	16.954
#2	.03485	.03738	.08444	.33078	H91.854	15.350	17.708
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	15.842	1.8818	.00929	1.6002	1.2014	.05414	1.3109
SDev	.001	.0006	.00019	.0014	.0048	.00061	.0005
%RSD	.00329	.03400	2.0602	.08841	.39808	1.1213	.03605
#1	15.842	1.8822	.00942	1.5992	1.1980	.05457	1.3112
#2	15.842	1.8813	.00915	1.6012	1.2048	.05372	1.3106
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00921	.00734	15.938	34.107	.04458	.69311	L-.01858
SDev	.00012	.00161	.011	.023	.00080	.00043	.00284
%RSD	1.2805	21.862	.06937	.06720	1.7915	.06184	15.307
#1	.00929	.00621	15.930	34.091	.04514	.69342	L-.02059
#2	.00913	.00848	15.945	34.124	.04402	.69281	L-.01657
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000304

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.13384	1.4867	1.3462	1.2933	.00513	.01125	-.00332
SDev	.00016	.0006	.0013	.0014	.00107	.00036	.00072
%RSD	.11635	.04230	.09565	.10449	20.784	3.1607	21.658
#1	.13395	1.4872	1.3453	1.2942	.00588	.01100	-.00383
#2	.13373	1.4863	1.3471	1.2923	.00438	.01150	-.00281
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01266
SDev	.00205
%RSD	16.162
#1	.01122
#2	.01411
Errors	NOCHECK
High	
Low	

000305

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Method: WENSNEW Sample Name: 992S45S-036 Operator: LMT
Run Time: 09/24/99 18:24:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00403	70.170	.04398	.05084	2.5891	.00471	44.269
SDev	.00061	.014	.00080	.00058	.0002	.00005	.014
%RSD	15.088	.01937	1.8129	1.1368	.00867	.95331	.03101
#1	.00360	70.161	.04341	.05043	2.5892	.00475	44.259
#2	.00446	70.180	.04454	.05125	2.5889	.00468	44.278
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.01095	.04584	.10690	.35964	H127.97	25.075	26.985
SDev	.00004	.00014	.00048	.00063	.03	.010	.147
%RSD	.32594	.29479	.44963	.17597	.02164	.04052	.54582
#1	.01093	.04575	.10656	.35919	H127.95	25.082	26.881
#2	.01098	.04594	.10724	.36009	H127.99	25.067	27.089
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	22.312	5.2862	.01232	1.0086	.43287	.07364	1.6332
SDev	.010	.0017	.00015	.0005	.11598	.00023	.0005
%RSD	.04437	.03146	1.2439	.04644	26.793	.31169	.03012
#1	22.305	5.2850	.01221	1.0083	.51488	.07348	1.6335
#2	22.319	5.2873	.01243	1.0089	.35086	.07380	1.6328
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01303	.01156	16.683	35.705	.03658	.45961	L-.04851
SDev	.00106	.00014	.001	.003	.00033	.00002	.00089
%RSD	8.1615	1.2396	.00750	.00916	.91240	.00495	1.8248
#1	.01378	.01146	16.682	35.703	.03682	.45959	L-.04789
#2	.01228	.01166	16.684	35.708	.03635	.45962	L-.04914
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC0306

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.17828	H7.0345	1.6753	1.6121	.01341	.01283	-.00182
SDev	.00024	.0039	.0008	.0003	.00151	.00084	.00192
%RSD	.13616	.05536	.04660	.02157	11.247	6.5517	105.64
#1	.17845	H7.0318	1.6758	1.6124	.01448	.01343	-.00318
#2	.17811	H7.0373	1.6747	1.6119	.01235	.01224	-.00046
Errors	LC Pass	LC High	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01824
SDev	.00074
%RSD	4.0793
#1	.01877
#2	.01772
Errors	NOCHECK
High	
Low	

000307

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Method: WENSNEW Sample Name: 992545S-037 Operator: LMT
Run Time: 09/24/99 18:30:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00586	H111.77	.14083	.06283	2.4778	.00733	45.656
SDev	.00031	.04	.00334	.00029	.0008	.00000	.002
%RSD	5.3420	.03838	2.3730	.45809	.03143	.01434	.00501
#1	.00608	H111.80	.14319	.06262	2.4783	.00733	45.657
#2	.00564	H111.74	.13846	.06303	2.4772	.00733	45.654
Errors	LC Pass	LC High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.02239	.06985	.17268	.39506	H156.39	35.601	37.586
SDev	.00004	.00054	.00004	.00003	.01	.038	.620
%RSD	.17162	.77334	.02336	.00674	.00621	.10715	1.6504
#1	.02242	.07024	.17266	.39504	H156.40	35.628	38.025
#2	.02236	.06947	.17271	.39508	H156.39	35.574	37.147
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	31.209	5.2901	.01479	1.5252	.56392	.10275	2.3297
SDev	.002	.0004	.00027	.0014	.00957	.00018	.0016
%RSD	.00500	.00836	1.8108	.09245	1.6962	.17521	.07037
#1	31.211	5.2904	.01498	1.5262	.55715	.10288	2.3286
#2	31.208	5.2898	.01460	1.5242	.57068	.10262	2.3309
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01432	.01181	18.050	38.629	.06115	.61055	L-.04879
SDev	.00187	.00011	.013	.028	.00068	.00014	.00015
%RSD	13.092	.89124	.07204	.07205	1.1111	.02237	.31757
#1	.01565	.01174	18.059	38.649	.06163	.61064	L-.04890
#2	.01299	.01189	18.041	38.609	.06067	.61045	L-.04868
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CCC303

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.24974	3.8830	2.3920	2.2986	.01666	.01315	-.00010
SDev	.00015	.0006	.0047	.0001	.00021	.00271	.00193
%RSD	.06109	.01439	.19731	.00443	1.2639	20.570	1936.7
#1	.24964	3.8834	2.3887	2.2986	.01681	.01507	.00127
#2	.24985	3.8826	2.3954	2.2987	.01651	.01124	-.00147
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01776
SDev	.00112
%RSD	6.3222
#1	.01697
#2	.01856
Errors	NOCHECK
High	
Low	

000309

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Method: WENSNEW Sample Name: 992545S-038 Operator: LMT
Run Time: 09/24/99 18:36:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00524	89.577	.07337	.05224	2.5657	.00666	51.255
SDev	.00008	.025	.00055	.00199	.0021	.00003	.019
%RSD	1.5971	.02811	.74898	3.8035	.08179	.45346	.03665
#1	.00518	89.594	.07376	.05364	2.5672	.00668	51.269
#2	.00530	89.559	.07298	.05083	2.5642	.00664	51.242
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.02278	.06305	.28572	.39295	H144.19	30.931	32.595
SDev	.00002	.00007	.00009	.00080	.08	.025	.008
%RSD	.09448	.10660	.03230	.20444	.05639	.07932	.02606
#1	.02279	.06310	.28578	.39352	H144.25	30.914	32.601
#2	.02276	.06300	.28565	.39238	H144.14	30.949	32.589
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	28.246	4.8688	.01243	1.3629	.61803	.09353	2.5321
SDev	.003	.0026	.00030	.0012	.00957	.00018	.0043
%RSD	.01230	.05327	2.4554	.08639	1.5477	.19659	.16940
#1	28.249	4.8706	.01221	1.3620	.61126	.09340	2.5290
#2	28.244	4.8669	.01264	1.3637	.62479	.09366	2.5351
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01616	.01098	13.323	28.515	.05336	.55325	L-.04527
SDev	.00143	.00121	.019	.040	.00039	.00046	.00052
%RSD	8.8186	11.016	.14092	.13883	.73715	.08228	1.1592
#1	.01717	.01012	13.336	28.543	.05364	.55357	L-.04490
#2	.01516	.01183	13.310	28.487	.05308	.55293	L-.04564
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

003310

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.22390	4.5904	2.5880	2.5041	.01618	.01615	-.00099
SDev	.00030	.0023	.0095	.0017	.00169	.00129	.00332
%RSD	.13375	.04974	.36547	.06823	10.455	8.0000	335.99
#1	.22369	4.5920	2.5813	2.5029	.01738	.01707	-.00333
#2	.22411	4.5888	2.5947	2.5053	.01499	.01524	.00136
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01695
SDev	.00016
%RSD	.93099
#1	.01684
#2	.01706
Errors	NOCHECK
High	
Low	

000311

Method: WENSNEW Sample Name: 992545S-039 Operator: LMT
Run Time: 09/24/99 18:42:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00283	79.683	.04867	.10833	2.5288	.00578	69.060
SDev	.00001	.005	.00008	.00076	.0034	.00000	.019
%RSD	.46859	.00583	.15844	.70494	.13465	.00768	.02704
#1	.00284	79.680	.04872	.10887	2.5312	.00578	69.073
#2	.00282	79.686	.04861	.10779	2.5264	.00578	69.047
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00910	.05111	.11259	.34524	H136.07	27.423	29.298
SDev	.00009	.00020	.00038	.00020	.04	.046	.411
%RSD	.94381	.39555	.33602	.05916	.02659	.16634	1.4018
#1	.00916	.05097	.11232	.34510	H136.09	27.390	29.589
#2	.00904	.05126	.11286	.34539	H136.04	27.455	29.008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	28.267	4.9215	.00921	1.7506	1.1152	.07977	1.5311
SDev	.007	.0029	.00031	.0024	.0407	.00031	.0003
%RSD	.02335	.05980	3.3259	.13949	3.6454	.39043	.02117
#1	28.272	4.9236	.00943	1.7489	1.0864	.07955	1.5309
#2	28.262	4.9194	.00899	1.7523	1.1439	.07999	1.5313
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01289	.01040	11.839	25.338	.06441	.70584	L-.04477
SDev	.00078	.00176	.002	.005	.00153	.00085	.00028
%RSD	6.0354	16.930	.01615	.01791	2.3687	.12038	.62506
#1	.01344	.01165	11.837	25.335	.06333	.70644	L-.04458
#2	.01234	.00916	11.840	25.341	.06549	.70523	L-.04497
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000312

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.20335	5.2257	1.5760	1.5087	.01444	.01211	-.00317
SDev	.00006	.0033	.0001	.0005	.00314	.00273	.00372
%RSD	.02826	.06336	.00685	.03578	21.719	22.555	117.55
#1	.20330	5.2280	1.5761	1.5083	.01222	.01405	-.00053
#2	.20339	5.2233	1.5760	1.5091	.01666	.01018	-.00580
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01718
SDev	.00078
%RSD	4.5559
#1	.01773
#2	.01663
Errors	NOCHECK
High	
Low	

000313

Method: WENSNEW Sample Name: 992524S-001 Operator: LMT
Run Time: 09/24/99 18:48:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00054	56.318	.03353	.15286	1.2081	.00352	H1275.1
SDev	.00001	.004	.00050	.00029	.0009	.00002	.1
%RSD	1.1583	.00641	1.4886	.18907	.07538	.69129	.00676
#1	.00053	56.321	.03318	.15307	1.2087	.00354	H1275.2
#2	.00054	56.315	.03389	.15266	1.2074	.00350	H1275.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00723	.04694	.19762	.05784	55.354	11.245	10.267
SDev	.00001	.00002	.00047	.00053	.029	.005	.496
%RSD	.08491	.03614	.23801	.90947	.05328	.04609	4.8281
#1	.00722	.04695	.19795	.05821	55.374	11.241	10.617
#2	.00723	.04693	.19728	.05747	55.333	11.248	9.9163
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	28.908	2.3008	.00262	3.3048	3.5594	.07027	.56526
SDev	.002	.0002	.00015	.0000	.0682	.00035	.00253
%RSD	.00842	.00909	5.8387	.00048	1.9147	.49203	.44746
#1	28.910	2.3009	.00273	3.3048	3.6075	.07051	.56347
#2	28.906	2.3006	.00252	3.3048	3.5112	.07002	.56705
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01065	.00338	47.425	101.49	.01649	4.7344	L-.02295
SDev	.00279	.00037	.009	.02	.00010	.0007	.00003
%RSD	26.217	11.072	.01826	.02156	.57841	.01441	.14165
#1	.00868	.00311	47.419	101.47	.01655	4.7349	L-.02298
#2	.01263	.00364	47.431	101.50	.01642	4.7339	L-.02293
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000314

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.11502	H19.584	.59527	.55028	.01177	.01009	-.00448
SDev	.00037	.005	.00570	.00664	.00291	.00273	.00252
%RSD	.32470	.02784	.95781	1.2064	24.761	27.064	56.274
#1	.11529	H19.588	.59930	.54559	.00971	.00816	-.00270
#2	.11476	H19.580	.59124	.55497	.01383	.01203	-.00626
Errors	LC Pass	LC High	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00730
SDev	.00182
%RSD	24.925
#1	.00601
#2	.00858
Errors	NOCHECK
High	
Low	

000315

Analysis Report QC Standard 09/24/99 06:59:56 PM page 1

Method: WENSNEW Sample Name: ISA 990806L Operator: LMT
Run Time: 09/24/99 18:54:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00051	218.71	.00084	.00711	.00068	.00022	259.50
SDev	.00032	.33	.00018	.00007	.00004	.00005	.22
%RSD	61.753	.15235	21.146	1.0153	5.8118	24.116	.08563
#1	.00074	218.94	.00071	.00716	.00071	.00026	259.66
#2	.00029	218.47	.00097	.00706	.00065	.00018	259.35
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value		250.00					250.00
Range		20.000					20.000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00027	.00014	.00374	-.00036	94.272	.03958	-.35050
SDev	.00021	.00002	.00009	.00015	.028	.01541	.11330
%RSD	75.302	11.845	2.3447	42.599	.02966	38.935	32.325
#1	.00013	.00016	.00368	-.00025	94.292	.05048	-.27039
#2	.00042	.00013	.00380	-.00046	94.252	.02869	-.43062
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK
Value					100.00		
Range					20.000		

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	247.77	.00252	-.00017	.02417	.07102	.00062	-.00227
SDev	.09	.00001	.00015	.00003	.02750	.00069	.00031
%RSD	.03694	.45049	92.350	.12441	38.723	110.58	13.840
#1	247.84	.00253	-.00006	.02419	.09046	.00111	-.00205
#2	247.71	.00251	-.00027	.02415	.05157	.00014	-.00249
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	250.00						
Range	20.000						

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00915	.00440	.01625	.03652	-.00098	.01058	-.01396
SDev	.00055	.00081	.00400	.00856	.00005	.00005	.00091
%RSD	6.0030	18.500	24.609	23.433	4.8766	.46626	6.5113
#1	.00877	.00382	.01907	.04257	-.00094	.01061	-.01460
#2	.00954	.00497	.01342	.03047	-.00101	.01054	-.01332
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000316

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00009	.01271	.09476	-.05071	.00645	.01050	.00597
SDev	.00006	.00007	.00082	.00088	.00170	.00168	.00371
%RSD	63.390	.52802	.86448	1.7352	26.424	15.944	62.042
#1	.00005	.01276	.09418	-.05009	.00766	.00932	.00335
#2	.00013	.01266	.09534	-.05133	.00525	.01169	.00859
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Se_2nd
Units	mg/L
Avge	.00361
SDev	.00063
%RSD	17.489
#1	.00405
#2	.00316
Errors	NOCHECK
Value	
Range	

000317

Analysis Report QC Standard 09/24/99 07:05:53 PM page 1

Method: WENSNEW Sample Name: ISB 990806M Operator: LMT
Run Time: 09/24/99 19:00:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.97523	217.93	.99063	1.0354	.47479	.51087	257.99
SDev	.00054	.12	.00252	.0004	.00067	.00030	.25
%RSD	.05553	.05414	.25402	.03693	.14176	.05978	.09514
#1	.97562	217.85	.98885	1.0357	.47527	.51066	257.82
#2	.97485	218.01	.99241	1.0351	.47431	.51109	258.17
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	250.00	1.0000	1.0000	.50000	.50000	251.00
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.93178	.45403	.47874	.46305	93.813	Q11.698	Q10.183
SDev	.00123	.00022	.00078	.00005	.139	.044	.462
%RSD	.13153	.04896	.16262	.00997	.14789	.37575	4.5342
#1	.93091	.45387	.47819	.46302	93.715	Q11.667	Q9.8562
#2	.93264	.45419	.47929	.46309	93.911	Q11.729	Q10.509
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Fail
Value	1.0000	.50000	.50000	.50000	100.00	50.000	50.000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	245.66	.46572	.94819	Q8.6208	Q9.3642	.87605	.89079
SDev	.28	.00017	.00283	.0161	.0227	.00124	.00113
%RSD	.11305	.03717	.29859	.18641	.24260	.14182	.12642
#1	245.46	.46559	.94619	Q8.6094	Q9.3803	.87517	.88999
#2	245.85	.46584	.95020	Q8.6321	Q9.3482	.87692	.89158
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Fail	QC Pass	QC Pass
Value	248.80	.50000	1.0000	51.000	51.000	1.0000	1.0000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0061	1.0053	2.0765	4.4456	.93549	.92223	.87314
SDev	.0010	.0023	.0022	.0048	.00356	.00053	.00975
%RSD	.09939	.23207	.10374	.10711	.38099	.05799	1.1163
#1	1.0054	1.0037	2.0750	4.4422	.93297	.92261	.86625
#2	1.0068	1.0070	2.0780	4.4490	.93801	.92186	.88004
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	1.0000	1.0000	2.1400			1.0000	1.0000
Range	20.000	20.000	20.000			20.000	20.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.47242	.94960	.99604	.83824	.99015	1.0140	1.0073
SDev	.00042	.00078	.00011	.00163	.00205	.0005	.0052
%RSD	.08905	.08266	.01083	.19499	.20679	.04705	.51834
#1	.47212	.94905	.99596	.83708	.98871	1.0137	1.0110
#2	.47272	.95016	.99611	.83940	.99160	1.0143	1.0036
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Se_2nd
Units	mg/L
Avge	1.0043
SDev	.0061
%RSD	.60785
#1	1.0000
#2	1.0086
Errors	QC Pass
Value	1.0000
Range	20.000

000313

Analysis Report QC Standard 09/24/99 07:11:51 PM page 1

Method: WENSNEW Sample Name: CCV 990924I Operator: LMT
Run Time: 09/24/99 19:05:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.48194	9.7373	2.5444	2.6555	4.9889	2.6150	10.442
SDev	.00040	.0108	.0039	.0059	.0119	.0033	.011
%RSD	.08413	.11064	.15481	.22054	.23781	.12546	.10727
#1	.48223	9.7449	2.5472	2.6596	4.9973	2.6174	10.450
#2	.48166	9.7297	2.5416	2.6513	4.9805	2.6127	10.434
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	
Range	10.000	10.000	10.000	10.000	10.000	10.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.99324	2.5312	2.5773	2.3953	5.2036	10.459	10.661
SDev	.00089	.0046	.0053	.0043	.0095	.032	.340
%RSD	.08984	.18221	.20469	.17803	.18350	.30264	3.1882
#1	.99387	2.5344	2.5811	2.3983	5.2103	10.437	10.421
#2	.99261	2.5279	2.5736	2.3923	5.1968	10.481	10.902
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	10.736	5.0230	2.4338	9.0248	9.9721	2.4644	.95969
SDev	.018	.0121	.0057	.0049	.1363	.0037	.00135
%RSD	.16500	.24132	.23567	.05393	1.3669	.15056	.14045
#1	10.749	5.0316	2.4379	9.0214	9.8757	2.4670	.96064
#2	10.724	5.0145	2.4298	9.0283	10.068	2.4617	.95873
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5342	2.6031	24.444	52.310	2.5297	4.8828	2.3380
SDev	.0008	.0082	.009	.018	.0005	.0103	.0037
%RSD	.03282	.31633	.03670	.03471	.02027	.21122	.15771
#1	2.5348	2.6089	24.450	52.323	2.5300	4.8901	2.3406
#2	2.5337	2.5973	24.438	52.297	2.5293	4.8755	2.3353
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000320

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4766	2.4148	.97216	.95346	2.5314	2.5357	2.6159
SDev	.0042	.0042	.00052	.00176	.0085	.0030	.0017
%RSD	.16973	.17474	.05372	.18459	.33764	.11910	.06643
#1	2.4795	2.4178	.97253	.95471	2.5374	2.5335	2.6172
#2	2.4736	2.4118	.97179	.95222	2.5254	2.5378	2.6147
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.5000					
Range	10.000	10.000					

Elem	Se_2nd
Units	mg/L
Avge	2.5967
SDev	.0115
%RSD	.44202
#1	2.6048
#2	2.5886
Errors	NOCHECK
Value	
Range	

000321

Analysis Report Blank Sample 09/24/99 07:17:48 PM page 1

Method: WENSNEW Sample Name: CCB 9909248 Operator: LMT
Run Time: 09/24/99 19:11:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00049	.00585	.00129	.00247	.00015	.00008	.00673
SDev	.00018	.00132	.00128	.00185	.00013	.00002	.00036
%RSD	36.364	22.573	98.992	74.686	88.388	30.145	5.3704
#1	.00036	.00678	.00219	.00377	.00024	.00010	.00698
#2	.00061	.00491	.00039	.00117	.00006	.00006	.00647
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00023	.00032	.00048	-.00023	.00577	.02155	.37855
SDev	.00011	.00027	.00019	.00028	.00177	.00401	.16428
%RSD	49.476	83.761	40.696	121.89	30.657	18.600	43.399
#1	.00031	.00051	.00034	-.00003	.00702	.02439	.49471
#2	.00015	.00013	.00061	-.00042	.00452	.01872	.26238
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00418	.00019	-.00003	.00103	-.02536	.00038	-.00006
SDev	.00313	.00003	.00015	.00046	.08250	.00024	.00103
%RSD	74.870	18.441	566.34	45.040	325.27	63.728	1865.3
#1	.00639	.00021	-.00014	.00136	-.08370	.00054	.00068
#2	.00196	.00016	.00008	.00070	.03297	.00021	-.00079
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00092	.00117	.00686	.01468	.00144	.00010	.00169
SDev	.00023	.00276	.00191	.00409	.00047	.00002	.00123
%RSD	24.769	236.28	27.879	27.879	32.254	14.886	72.351
#1	.00076	.00312	.00821	.01757	.00111	.00011	.00256
#2	.00108	-.00078	.00551	.01179	.00177	.00009	.00083
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00028	.00045	-.00084	.00034	-.00054	.00166	.00202
SDev	.00028	.00020	.00025	.00143	.00324	.00196	.00037
%RSD	97.502	44.050	29.652	424.40	594.91	118.41	18.484
#1	.00048	.00031	-.00066	.00134	.00175	.00027	.00228
#2	.00009	.00058	-.00102	-.00067	-.00284	.00304	.00175
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00074
SDev	.00395
%RSD	531.19
#1	.00354
#2	-.00205
Errors	NOCHECK
High	
Low	

000323

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Method: WENSNEW Sample Name: MB 51839 Operator: LMT
Run Time: 09/24/99 19:17:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00085	.01181	.00133	.00174	.00029	.00014	.00843
SDev	.00047	.00084	.00028	.00064	.00007	.00000	.00060
%RSD	55.132	7.0781	21.276	36.456	22.811	1.1653	7.1425
#1	M.00118	.01122	.00153	.00219	.00024	.00014	.00801
#2	.00052	.01240	.00113	.00130	.00034	.00014	.00886
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00050	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00050	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00017	-.00025	.00084	-.00021	.02432	.04261	1.2879
SDev	.00009	.00047	.00001	.00038	.00133	.00440	.0453
%RSD	51.310	189.33	1.2183	178.89	5.4475	10.325	3.5190
#1	.00022	.00008	.00083	.00006	.02339	.04573	1.2558
#2	.00011	-.00058	.00085	-.00048	.02526	.03950	1.3199
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00909	.00057	.00087	.01229	.12090	-.00045	.00156
SDev	.00069	.00001	.00034	.00080	.07652	.00022	.00029
%RSD	7.6444	2.0524	39.761	6.5131	63.293	48.674	18.423
#1	.00958	.00058	.00111	.01173	.17501	-.00060	.00176
#2	.00860	.00056	.00062	.01286	.06679	-.00029	.00136
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00271	.00171	.00826	.01768	M.02004	.00011	-.00065
SDev	.00034	.00251	.00160	.00342	.00014	.00002	.00054
%RSD	12.491	147.35	19.362	19.361	.71365	17.247	83.360
#1	.00295	-.00007	.00939	.02010	M.02014	.00012	-.00027
#2	.00247	.00348	.00713	.01526	M.01994	.00010	-.00103
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000324

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00042	.00196	.00543	-.00037	.00025	.00394	-.00491
SDev	.00022	.00005	.00049	.00019	.00287	.00194	.00199
%RSD	51.610	2.5425	8.9970	50.483	1154.4	49.235	40.465
#1	.00057	.00200	.00578	-.00024	-.00178	.00531	-.00632
#2	.00027	.00193	.00509	-.00051	.00228	.00257	-.00351
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00501
SDev	.00278
%RSD	55.418
#1	.00305
#2	.00697
Errors	NOCHECK
High	
Low	

000325

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Method: WENSNEW Sample Name: SB 9909145 Operator: LMT
Run Time: 09/24/99 19:23:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04280	1.7204	1.6255	.92736	1.7453	.04542	9.2480
SDev	.00037	.0099	.0055	.00031	.0048	.00014	.0357
%RSD	.85961	.57359	.33807	.03342	.27750	.30405	.38551
#1	.04254	1.7273	1.6294	.92758	1.7488	.04552	9.2732
#2	.04306	1.7134	1.6217	.92714	1.7419	.04532	9.2228
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.06000	2.4000	2.4000	1.2000	2.4000	.06000	12.000
Low	.04000	1.6000	1.6000	.80000	1.6000	.04000	.80000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.04410	.43008	.17894	.21136	.91648	L6.9997	L6.7257
SDev	.00024	.00132	.00089	.00081	.00885	.0550	.0312
%RSD	.53520	.30677	.49717	.38291	.96554	.78626	.46326
#1	.04427	.43101	.17957	.21193	.92274	L7.0387	L6.7477
#2	.04394	.42915	.17831	.21079	.91022	L6.9608	L6.7037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Low
High	.06000	.60000	.24000	.30000	1.2000	12.000	12.000
Low	.04000	.40000	.16000	.20000	.80000	8.0000	8.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	9.2521	.43453	.89427	L7.9630	8.3691	.41269	.42667
SDev	.0457	.00127	.00344	.0630	.0024	.00133	.00125
%RSD	.49370	.29180	.38486	.79091	.02857	.32285	.29206
#1	9.2844	.43543	.89670	8.0076	8.3708	.41364	.42755
#2	9.2198	.43363	.89184	L7.9185	8.3674	.41175	.42579
Errors	LC Pass	LC Pass	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High	12.000	.60000	1.2000	12.000	12.000	.60000	.60000
Low	8.0000	.40000	.80000	8.0000	8.0000	.40000	.40000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.43626	1.7143	L4.2647	9.1269	.92424	.88402	1.6787
SDev	.00005	.0034	.0080	.0170	.00267	.00223	.0017
%RSD	.01129	.20057	.18751	.18589	.28890	.25272	.10175
#1	.43630	1.7167	L4.2704	9.1389	.92613	.88560	1.6799
#2	.43623	1.7119	L4.2591	9.1149	.92235	.88244	1.6775
Errors	LC Pass	LC Pass	LC Low	NOCHECK	LC Pass	LC Pass	LC Pass
High	.60000	2.4000	12.000		1.2000	1.2000	2.4000
Low	.40000	1.6000	8.0000		.80000	.80000	1.6000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000326

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.44345	.42115	.42915	.42543	.44026	.43426	1.6922
SDev	.00115	.00119	.00177	.00275	.00169	.00077	.0048
%RSD	.25859	.28168	.41137	.64634	.38277	.17673	.28379
#1	.44426	.42199	.42791	.42738	.44145	.43372	1.6888
#2	.44264	.42031	.43040	.42349	.43907	.43481	1.6956
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	.60000	.60000	.60000	.60000	2.4000
Low	.40000	.40000	.40000	.40000	.40000	.40000	1.6000

Elem	Se_2nd
Units	mg/L
Avge	1.7253
SDev	.0076
%RSD	.43774
#1	1.7307
#2	1.7200
Errors	LC Pass
High	2.4000
Low	1.6000

000327

Method: WENSNEW Sample Name: LCS 990648 Operator: LMT
Run Time: 09/24/99 19:29:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.6497	43.630	.60914	.39979	.82008	1.1965	17.651
SDev	.0018	.022	.00023	.00051	.00059	.0012	.017
%RSD	.10956	.05076	.03828	.12708	.07241	.10007	.09690
#1	1.6510	43.645	.60898	.40015	.82050	1.1974	17.663
#2	1.6484	43.614	.60931	.39943	.81966	1.1957	17.639
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	2.0035	1.5858	.52307	.66175	H83.254	16.771	19.658
SDev	.0030	.0009	.00009	.00059	.120	.004	.668
%RSD	.15160	.05653	.01752	.08910	.14409	.02404	3.4005
#1	2.0056	1.5864	.52300	.66217	H83.339	16.768	19.186
#2	2.0013	1.5852	.52313	.66134	H83.170	16.774	20.131
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	14.908	3.1854	.79598	1.8712	1.2961	.76277	.57395
SDev	.025	.0037	.00142	.0016	.0263	.00090	.00184
%RSD	.16659	.11720	.17788	.08534	2.0295	.11811	.32134
#1	14.926	3.1880	.79698	1.8724	1.3147	.76341	.57525
#2	14.891	3.1827	.79498	1.8701	1.2775	.76213	.57265
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.89122	.64648	14.831	31.739	.72165	.67585	1.1316
SDev	.00121	.00166	.043	.092	.00116	.00053	.0007
%RSD	.13538	.25658	.28788	.28907	.16022	.07914	.06504
#1	.89208	.64766	14.861	31.804	.72247	.67623	1.1322
#2	.89037	.64531	14.800	31.675	.72083	.67547	1.1311
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC0328

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0575	.69875	.59995	.56097	.88548	.89415	.63039
SDev	.0013	.00030	.00057	.00248	.00520	.00079	.00258
%RSD	.12379	.04310	.09577	.44177	.58726	.08804	.40875
#1	1.0584	.69896	.60036	.56272	.88915	.89360	.63221
#2	1.0566	.69854	.59955	.55921	.88180	.89471	.62856
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.65452
SDev	.00120
%RSD	.18341
#1	.65537
#2	.65367
Errors	NOCHECK
High	
Low	

000329

Method: WENSNEW Sample Name: 992545S-040 Operator: LMT
Run Time: 09/24/99 19:35:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00082	58.196	.03809	.03100	.84154	.00387	27.177
SDev	.00032	.043	.00066	.00001	.00018	.00000	.023
%RSD	38.720	.07429	1.7417	.01585	.02196	.00638	.08421
#1	-.00060	58.227	.03856	.03100	.84167	.00387	27.193
#2	-.00105	58.165	.03762	.03100	.84141	.00387	27.160
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.01045	.03800	.08692	.11888	H86.582	16.630	19.240
SDev	.00018	.00029	.00009	.00038	.074	.019	.144
%RSD	1.7219	.75564	.10650	.32352	.08506	.11345	.75083
#1	.01058	.03780	.08698	.11916	H86.634	16.643	19.342
#2	.01033	.03820	.08685	.11861	H86.530	16.617	19.138
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	NaD889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	17.013	1.9136	.00840	.82896	.28238	.05618	.81750
SDev	.023	.0020	.00038	.00080	.08967	.00108	.00007
%RSD	.13577	.10331	4.5461	.09679	31.756	1.9155	.00857
#1	17.029	1.9150	.00813	.82953	.21897	.05542	.81755
#2	16.997	1.9122	.00867	.82839	.34579	.05694	.81745
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00835	.00694	14.593	31.231	.04032	.28027	L-.01876
SDev	.00105	.00078	.019	.041	.00160	.00032	.00020
%RSD	12.563	11.300	.12889	.13033	3.9612	.11233	1.0697
#1	.00909	.00749	14.607	31.260	.03919	.28050	L-.01890
#2	.00760	.00638	14.580	31.203	.04145	.28005	L-.01861
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC330

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.14585	1.2564	.85112	.80071	.00693	.00905	-.00184
SDev	.00004	.0022	.00061	.00020	.00267	.00024	.00127
%RSD	.02633	.17439	.07171	.02494	38.558	2.6309	69.219
#1	.14587	1.2580	.85155	.80057	.00882	.00922	-.00094
#2	.14582	1.2549	.85068	.80086	.00504	.00889	-.00274
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01132
SDev	.00054
%RSD	4.7769
#1	.01170
#2	.01093
Errors	NOCHECK
High	
Low	

CC0331

Method: WENSNEW Sample Name: 992545S-040 SD Operator: LMT
Run Time: 09/24/99 19:41:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00003	13.255	.00945	.00754	.18175	.00091	5.9218
SDev	.00028	.007	.00025	.00031	.00021	.00005	.0023
%RSD	1069.8	.05234	2.6899	4.1410	.11618	5.2573	.03864
#1	-.00022	13.260	.00927	.00776	.18190	.00095	5.9234
#2	.00017	13.251	.00963	.00732	.18160	.00088	5.9202
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00257	.00844	.01864	.02478	18.798	3.5009	4.4464
SDev	.00018	.00041	.00002	.00021	.026	.0017	.0482
%RSD	6.8815	4.8064	.10893	.86157	.13624	.04738	1.0830
#1	.00270	.00873	.01863	.02463	18.817	3.5020	4.4805
#2	.00245	.00815	.01866	.02493	18.780	3.4997	4.4124
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	3.8156	.41881	.00221	.20167	L.05326	.01296	.18101
SDev	.0075	.00031	.00061	.00027	.03348	.00015	.00037
%RSD	.19573	.07494	27.657	.13183	62.854	1.1367	.20307
#1	3.8208	.41903	.00265	.20148	L.07694	.01285	.18127
#2	3.8103	.41859	.00178	.20186	L.02959	.01306	.18075
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00128	.00349	3.2630	6.9835	.00995	.06051	-.00412
SDev	.00378	.00208	.0108	.0231	.00062	.00013	.00038
%RSD	294.26	59.746	.33245	.33032	6.2321	.21312	9.2268
#1	.00396	.00496	3.2707	6.9998	.01038	.06060	-.00385
#2	-.00139	.00201	3.2554	6.9671	.00951	.06042	-.00439
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.03073	.27441	.18644	.17830	.00262	.00062	-.00187
SDev	.00065	.00003	.00170	.00140	.00083	.00608	.00124
%RSD	2.1173	.00948	.91095	.78466	31.695	983.93	66.238
#1	.03119	.27440	.18524	.17929	.00203	.00492	-.00100
#2	.03027	.27443	.18764	.17731	.00321	-.00368	-.00275
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00617
SDev	.00251
%RSD	40.639
#1	.00794
#2	.00439
Errors	NOCHECK
High	
Low	

000333

Method: WENSNEW Sample Name: 992545S-041 Operator: LMT
Run Time: 09/24/99 19:47:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00536	67.703	.18939	.10403	1.7129	.00487	61.978
SDev	.00005	.012	.00040	.00111	.0006	.00000	.007
%RSD	1.0009	.01837	.21383	1.0684	.03544	.01853	.01127
#1	.00532	67.712	.18968	.10482	1.7125	.00487	61.973
#2	.00539	67.694	.18911	.10324	1.7133	.00487	61.983
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.02870	.05579	.12029	.49923	H140.11	28.255	30.230
SDev	.00003	.00035	.00017	.00039	.04	.004	.561
%RSD	.08620	.63386	.14461	.07838	.03170	.01280	1.8553
#1	.02872	.05604	.12041	.49951	H140.08	28.258	30.626
#2	.02869	.05554	.12016	.49895	H140.14	28.252	29.833
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	22.567	2.5422	.01447	1.4141	.71187	.07908	1.7060
SDev	.003	.0002	.00080	.0011	.00598	.00009	.0014
%RSD	.01462	.00960	5.5534	.08035	.83979	.11274	.08154
#1	22.565	2.5420	.01390	1.4149	.71610	.07902	1.7070
#2	22.569	2.5423	.01504	1.4133	.70764	.07914	1.7051
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01661	.00935	13.850	29.642	.14170	.71454	L-.02640
SDev	.00002	.00346	.004	.007	.00192	.00015	.00143
%RSD	.09839	37.049	.02635	.02285	1.3544	.02071	5.4102
#1	.01659	.00690	13.853	29.647	.14305	.71443	L-.02741
#2	.01662	.01179	13.848	29.638	.14034	.71464	L-.02539
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000334

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.20376	2.5617	1.7413	1.6884	.01810	.01586	-.00774
SDav	.00013	.0016	.0004	.0019	.00235	.00120	.00016
%RSD	.06340	.06294	.02030	.11307	12.994	7.5606	2.0959
#1	.20367	2.5628	1.7416	1.6898	.01977	.01501	-.00786
#2	.20385	2.5605	1.7411	1.6871	.01644	.01671	-.00763
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01787
SDav	.00511
%RSD	28.586
#1	.01426
#2	.02149
Errors	NOCHECK
High	
Low	

000335

Analysis Report 09/24/99 07:59:25 PM page 1

Method: WENSNFW Sample Name: 99254SS-042 Operator: LMT
Run Time: 09/24/99 19:53:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00057	58.167	.04476	.03711	.97206	.00391	49.018
SDev	.00024	.093	.00209	.00026	.00177	.00007	.098
%RSD	41.961	.16054	4.6632	.70227	.18193	.43890	.20001
#1	-.00074	58.101	.04329	.03692	.97081	.00392	48.949
#2	-.00040	58.233	.04624	.03729	.97331	.00390	49.088
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00713	.03985	.09315	.10329	H93.523	20.311	21.994
SDev	.00022	.00014	.00038	.00016	.203	.014	.193
%RSD	3.1573	.33895	.40741	.15123	.21723	.06872	.87576
#1	.00697	.03994	.09288	.10340	H93.379	20.321	21.857
#2	.00729	.03975	.09342	.10318	H93.666	20.302	22.130
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	19.831	2.1171	.00495	.71911	L-.10822	.06239	.74393
SDev	.042	.0038	.00015	.00128	.02989	.00076	.00138
%RSD	.21282	.17959	3.0512	.17738	27.621	1.2227	.18581
#1	19.802	2.1144	.00506	.71820	L-.08708	.06293	.74295
#2	19.861	2.1198	.00484	.72001	L-.12935	.06185	.74491
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00621	.00600	12.132	25.964	.02808	.37936	L-.02123
SDev	.00127	.00001	.022	.047	.00032	.00071	.00006
%RSD	20.371	.13705	.17911	.17911	1.1463	.18697	.27674
#1	.00711	.00600	12.116	25.931	.02785	.37886	L-.02127
#2	.00532	.00601	12.147	25.997	.02830	.37986	L-.02119
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000336

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.15820	1.0921	.77460	.72862	.00913	.00476	-.00680
SDev	.00061	.0029	.00029	.00222	.00018	.00199	.00342
%RSD	.38413	.26631	.03721	.30417	2.0279	41.819	50.228
#1	.15777	1.0900	.77481	.72705	.00900	.00616	-.00439
#2	.15863	1.0941	.77440	.73019	.00926	.00335	-.00922
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01240
SDev	.00172
%RSD	13.861
#1	.01118
#2	.01361
Errors	NOCHECK
High	
Low	

0000337

Method: WENSNEW Sample Name: 992545S-043 Operator: LMT
Run Time: 09/24/99 19:59:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00430	82.259	.18508	.04947	1.2490	.00548	44.549
SDev	.00024	.042	.00141	.00050	.0012	.00001	.033
%RSD	5.5489	.05113	.75955	1.0179	.09510	.19869	.07408
#1	.00446	82.230	.18607	.04983	1.2482	.00547	44.526
#2	.00413	82.289	.18408	.04911	1.2499	.00549	44.573
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.01319	.05336	.19593	.25274	H121.01	27.156	29.523
SDev	.00019	.00007	.00050	.00001	.12	.051	.314
%RSD	1.4649	.12680	.25595	.00450	.10048	.18960	1.0650
#1	.01333	.05340	.19557	.25273	H120.92	27.192	29.745
#2	.01306	.05331	.19628	.25275	H121.09	27.120	29.300
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	27.186	2.5714	.00827	.82138	L-.18769	.08518	3.1864
SDev	.011	.0026	.00011	.00164	.06815	.00041	.0034
%RSD	.04088	.10039	1.3718	.19941	36.311	.48539	.10548
#1	27.178	2.5696	.00835	.82253	L-.13950	.08548	3.1887
#2	27.193	2.5732	.00819	.82022	L-.23588	.08489	3.1840
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01121	.00871	15.932	34.097	.04118	.43268	L-.02612
SDev	.00105	.00299	.011	.026	.00067	.00042	.00111
%RSD	9.3956	34.378	.07179	.07746	1.6209	.09818	4.2639
#1	.01195	.00659	15.924	34.078	.04166	.43238	L-.02691
#2	.01046	.01082	15.940	34.116	.04071	.43298	L-.02533
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	470.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C53338

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.20241	1.3899	3.2428	3.1582	.01519	.00922	-.00466
SDev	.00001	.0021	.0006	.0053	.00215	.00051	.00087
%RSD	.00672	.15358	.01882	.16921	14.135	5.4962	18.746
#1	.20240	1.3884	3.2424	3.1620	.01671	.00958	-.00527
#2	.20242	1.3914	3.2432	3.1544	.01367	.00886	-.00404
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01538
SDev	.00405
%RSD	26.347
#1	.01251
#2	.01824
Errors	NOCHECK
High	
Low	

CC0333

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Method: WENSNEW Sample Name: 992545S-044 Operator: LMT
Run Time: 09/24/99 20:05:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00028	42.876	1.5559	.03788	1.0928	.00360	23.729
SDev	.00012	.081	.0020	.00053	.0030	.00000	.055
%RSD	42.704	.18887	.12702	1.4076	.27654	.00743	.23246
#1	-.00019	42.933	1.5573	.03751	1.0950	.00360	23.768
#2	-.00036	42.819	1.5545	.03826	1.0907	.00361	23.690
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.03988	.03538	.13011	.23507	H88.145	17.016	19.047
SDev	.00025	.00007	.00010	.00047	.216	.033	.592
%RSD	.63735	.19128	.07777	.19885	.24560	.19631	3.1080
#1	.04006	.03543	.13004	.23540	H88.298	17.039	19.466
#2	.03970	.03533	.13018	.23474	H87.992	16.992	18.629
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	13.677	2.1538	.01855	.94724	.36693	.06022	1.9087
SDev	.033	.0056	.00012	.00187	.01793	.00064	.0037
%RSD	.24001	.26025	.63003	.19747	4.8878	1.0713	.19557
#1	13.700	2.1577	.01864	.94857	.37961	.06067	1.9114
#2	13.654	2.1498	.01847	.94592	.35424	.05976	1.9061
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01179	.00634	14.713	31.486	.02873	.31078	L-.01754
SDev	.00016	.00321	.023	.049	.00106	.00065	.00047
%RSD	1.3826	50.619	.15902	.15716	3.6921	.20992	2.7044
#1	.01190	.00861	14.729	31.521	.02798	.31124	L-.01787
#2	.01167	.00407	14.696	31.451	.02948	.31032	L-.01720
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C0330

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.12483	2.0115	1.9396	1.8933	.01117	.01210	-.00416
SDev	.00004	.0053	.0079	.0017	.00073	.00012	.00052
%RSD	.03020	.26164	.40566	.08812	6.5176	.98351	12.600
#1	.12480	2.0152	1.9452	1.8945	.01168	.01201	-.00453
#2	.12486	2.0078	1.9341	1.8921	.01065	.01218	-.00379
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01158
SDev	.00507
%RSD	43.805
#1	.01516
#2	.00799
Errors	NOCHECK
High	
Low	

600341

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Method: WENSNEW Sample Name: 992545S-045 Operator: LMT
Run Time: 09/24/99 20:11:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00303	68.464	.05146	.17853	2.0754	.00529	73.204
SDev	.00106	.110	.00069	.00069	.0024	.00003	.125
%RSD	35.079	.16054	1.3442	.38455	.11701	.58620	.17013
#1	.00378	68.542	.05097	.17902	2.0771	.00531	73.292
#2	.00228	68.386	.05195	.17805	2.0737	.00526	73.116
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.01576	.04896	.12138	.29658	H107.32	25.595	26.540
SDev	.00014	.00022	.00070	.00012	.16	.092	.159
%RSD	.89553	.44836	.57395	.04010	.14721	.35869	.59766
#1	.01586	.04911	.12188	.29666	H107.43	25.659	26.652
#2	.01566	.04880	.12089	.29649	H107.21	25.530	26.428
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	22.088	3.6266	.01063	2.5567	1.9767	.07147	1.6244
SDev	.053	.0058	.00012	.0074	.0945	.00078	.0022
%RSD	.24062	.16066	1.0931	.28776	4.7786	1.0959	.13566
#1	22.125	3.6307	.01071	2.5619	2.0435	.07202	1.6259
#2	22.050	3.6225	.01055	2.5515	1.9099	.07091	1.6228
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00980	.01005	18.300	39.165	.04556	.61483	L-.03273
SDev	.00055	.00117	.031	.066	.00156	.00096	.00139
%RSD	5.5977	11.588	.17118	.16739	3.4276	.15547	4.2616
#1	.01019	.00923	18.323	39.212	.04666	.61550	L-.03174
#2	.00941	.01087	18.278	39.119	.04445	.61415	L-.03372
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C00342

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.17504	3.2916	1.6613	1.6059	.01432	.00754	-.00116
SDev	.00128	.0038	.0002	.0032	.00070	.00047	.00126
%RSD	.73188	.11489	.01269	.19916	4.8690	6.2888	108.65
#1	.17594	3.2943	1.6615	1.6081	.01482	.00788	-.00205
#2	.17413	3.2890	1.6612	1.6036	.01383	.00721	-.00027
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01565
SDev	.00112
%RSD	7.1368
#1	.01486
#2	.01644
Errors	NOCHECK
High	
Low	

000343

Analysis Report QC Standard 09/24/99 08:23:12 PM page 1

Method: WENSNEW Sample Name: CCV 9909241I Operator: LMT
Run Time: 09/24/99 20:17:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.48058	9.7236	2.5263	2.6433	4.9918	2.5896	10.402
SDev	.00228	.0397	.0048	.0011	.0147	.0010	.034
%RSD	.47439	.40858	.18906	.04066	.29451	.03767	.32422
#1	.48219	9.7517	2.5296	2.6426	5.0022	2.5903	10.426
#2	.47897	9.6955	2.5229	2.6441	4.9814	2.5889	10.378
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	
Range	10.000	10.000	10.000	10.000	10.000	10.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.98326	2.5099	2.5611	2.3915	5.1555	10.471	10.423
SDev	.00202	.0066	.0076	.0059	.0181	.081	.841
%RSD	.20538	.26299	.29582	.24690	.35059	.77665	8.0711
#1	.98469	2.5146	2.5665	2.3956	5.1683	10.528	Q11.018
#2	.98184	2.5052	2.5558	2.3873	5.1427	10.413	9.8282
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	10.619	4.9979	2.4189	9.0349	10.014	2.4414	.95025
SDev	.035	.0139	.0028	.0647	.175	.0042	.00133
%RSD	.32710	.27862	.11697	.71664	1.7431	.17196	.13998
#1	10.644	5.0078	2.4209	9.0807	10.138	2.4444	.95119
#2	10.595	4.9881	2.4169	Q8.9892	9.8909	2.4385	.94931
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5172	2.5764	24.370	52.153	2.5080	4.8802	2.3157
SDev	.0018	.0026	.029	.060	.0073	.0137	.0055
%RSD	.07217	.10216	.11727	.11443	.29279	.28127	.23551
#1	2.5185	2.5783	24.390	52.195	2.5132	4.8899	2.3195
#2	2.5159	2.5745	24.350	52.111	2.5028	4.8705	2.3118
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C00344

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4646	2.3986	.96463	.94308	2.5160	2.5178	2.5877
SDev	.0063	.0023	.00553	.00077	.0001	.0028	.0131
%RSD	.25671	.09555	.57333	.08131	.00407	.11020	.50449
#1	2.4691	2.4003	.96854	.94253	2.5159	2.5197	2.5969
#2	2.4602	2.3970	.96072	.94362	2.5161	2.5158	2.5784
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.5000					
Range	10.000	10.000					

Elem	Se_2nd
Units	mg/L
Avge	2.5708
SDev	.0026
%RSD	.10003
#1	2.5689
#2	2.5726
Errors	NOCHECK
Value	
Range	

C30345

Analysis Report Blank Sample 09/24/99 08:29:09 PM page 1

Method: WENSNEW Sample Name: CCB 99092488 Operator: LMT
Run Time: 09/24/99 20:23:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00004	.00854	.00108	.00166	.00019	.00006	.00588
SDev	.00055	.00182	.00003	.00119	.00003	.00007	.00012
%RSD	1248.5	21.325	2.5564	71.564	14.143	135.59	2.0496
#1	.00043	.00983	.00110	.00082	.00017	.00011	.00579
#2	-.00034	.00725	.00106	.00250	.00021	.00000	.00596
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00025	.00049	.00035	.00011	.00739	.01978	.31646
SDev	.00008	.00014	.00009	.00010	.01335	.01970	.18978
%RSD	33.218	27.608	26.513	86.002	180.63	99.601	59.970
#1	.00030	.00058	.00041	.00018	-.00205	.03370	.18226
#2	.00019	.00039	.00028	.00004	.01683	.00585	.45065
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00418	.00021	-.00024	.00028	-.09807	.00043	-.00024
SDev	.00208	.00002	.00000	.00080	.08011	.00030	.00017
%RSD	49.913	10.820	.05355	287.39	81.683	69.555	70.300
#1	.00270	.00020	-.00024	-.00029	-.04143	.00064	-.00012
#2	.00565	.00023	-.00024	.00084	-.15472	.00022	-.00037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00157	.00024	.00502	.01073	.00131	.00009	.00043
SDev	.00076	.00152	.00097	.00208	.00218	.00000	.00283
%RSD	48.802	624.29	19.414	19.411	166.97	.00000	664.22
#1	.00211	-.00083	.00570	.01221	.00285	.00009	-.00157
#2	.00103	.00132	.00433	.00926	-.00024	.00009	.00243
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CCC346

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00028	.00038	-.00124	.00025	.00261	.00105	.00002
SDev	.00003	.00015	.00468	.00208	.00403	.00316	.00507
%RSD	11.343	38.791	378.59	829.97	154.21	301.64	27683.
#1	.00026	.00048	.00207	-.00122	-.00024	.00328	.00360
#2	.00031	.00027	-.00455	.00172	.00546	-.00119	-.00356
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00036
SDev	.00480
%RSD	1352.5
#1	-.00304
#2	.00379
Errors	NOCHECK
High	
Low	

000347

Method: WENSNEW Sample Name: 992545S-046 Operator: LMT
Run Time: 09/24/99 20:29:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00328	59.588	.06087	.05217	1.6706	.00466	33.822
SDev	.00003	.010	.00004	.00162	.0025	.00002	.016
%RSD	1.0143	.01751	.06130	3.1017	.15010	.41611	.04595
#1	.00326	59.581	.06084	.05331	1.6688	.00464	33.811
#2	.00331	59.595	.06090	.05103	1.6723	.00467	33.833
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.02082	.04182	.11680	.28184	H106.57	20.449	23.496
SDev	.00017	.00018	.00027	.00023	.07	.063	.629
%RSD	.81931	.44333	.22746	.08167	.07030	.30587	2.6763
#1	.02094	.04195	.11699	.28201	H106.52	20.493	23.940
#2	.02070	.04169	.11661	.28168	H106.63	20.404	23.051
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	16.527	3.2047	.01019	.95121	.31282	.06316	2.2337
SDev	.003	.0028	.00027	.00155	.07054	.00065	.0017
%RSD	.01892	.08783	2.6350	.16338	22.551	1.0329	.07541
#1	16.529	3.2027	.01000	.95231	.36270	.06362	2.2349
#2	16.525	3.2066	.01038	.95011	.26294	.06269	2.2325
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01213	.00929	14.768	31.607	.06206	.44475	L-.02826
SDev	.00063	.00076	.002	.002	.00066	.00058	.00114
%RSD	5.1624	8.1660	.01130	.00753	1.0564	.13134	4.0300
#1	.01258	.00875	14.770	31.608	.06160	.44434	L-.02746
#2	.01169	.00983	14.767	31.605	.06253	.44517	L-.02907
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000348

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.17048	2.9499	2.2735	2.2138	.01705	.00968	-.00717
SDev	.00030	.0006	.0006	.0028	.00289	.00050	.00104
%RSD	.17572	.01995	.02629	.12754	16.963	5.2108	14.572
#1	.17070	2.9503	2.2731	2.2158	.01909	.00932	-.00791
#2	.17027	2.9495	2.2740	2.2118	.01500	.01004	-.00643
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01751
SDev	.00062
%RSD	3.5183
#1	.01707
#2	.01794
Errors	NOCHECK
High	
Low	

000343

Analysis Report 09/24/99 08:41:02 PM page 1

Method: WENSNEW Sample Name: 992545S-047 Operator: LMT
Run Time: 09/24/99 20:35:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00903	83.119	.07713	.05097	2.4847	.00603	45.554
SDev	.00004	.008	.00164	.00006	.0008	.00002	.004
%RSD	.42634	.00976	2.1312	.11030	.03399	.39214	.00952
#1	.00900	83.125	.07597	.05101	2.4853	.00605	45.558
#2	.00906	83.113	.07830	.05093	2.4841	.00601	45.551
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.01893	.05246	.15147	.49038	H136.21	24.922	26.979
SDev	.00002	.00017	.00021	.00091	.06	.003	.229
%RSD	.08787	.32298	.14165	.18558	.04765	.01239	.85042
#1	.01892	.05234	.15132	.49103	H136.26	24.924	26.817
#2	.01894	.05258	.15162	.48974	H136.16	24.920	27.141
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	NaS889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	23.008	5.2737	.01743	1.0739	.43879	.08346	2.7393
SDev	.011	.0008	.00076	.0015	.05739	.00112	.0018
%RSD	.04907	.01520	4.3844	.13690	13.079	1.3392	.06394
#1	23.016	5.2743	.01689	1.0749	.39821	.08425	2.7381
#2	23.000	5.2732	.01797	1.0728	.47937	.08267	2.7406
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01866	.01433	16.068	34.388	.06518	.53501	L-.04785
SDev	.00069	.00164	.021	.043	.00063	.00005	.00040
%RSD	3.6970	11.418	.12896	.12376	.96926	.00850	.83184
#1	.01817	.01318	16.082	34.418	.06563	.53505	L-.04757
#2	.01915	.01549	16.053	34.358	.06473	.53498	L-.04813
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C83350

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.21384	4.8542	2.7968	2.7107	.01969	.01815	.00588
SDev	.00028	.0025	.0029	.0040	.00279	.00036	.00409
%RSD	.13235	.05094	.10200	.14941	14.177	1.9816	69.566
#1	.21404	4.8559	2.7988	2.7078	.01772	.01840	.00299
#2	.21364	4.8524	2.7947	2.7135	.02167	.01789	.00877
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01855
SDev	.00041
%RSD	2.2169
#1	.01826
#2	.01884
Errors	NOCHECK
High	
Low	

C00351

Method: WENSNEW Sample Name: 992545S-048 Operator: LMT
Run Time: 09/24/99 20:41:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00136	48.111	.04186	.02898	.81847	.00375	30.587
SDev	.00051	.028	.00045	.00001	.00017	.00001	.011
%RSD	37.278	.05748	1.0814	.03036	.02097	.22608	.03662
#1	-.00101	48.130	.04218	.02897	.81859	.00374	30.595
#2	-.00172	48.091	.04154	.02898	.81834	.00375	30.579
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00496	.03705	.07848	.08644	H81.517	18.744	21.459
SDev	.00008	.00027	.00010	.00009	.061	.020	.773
%RSD	1.6808	.72678	.13075	.10128	.07454	.10460	3.6035
#1	.00491	.03724	.07855	.08638	HH1.560	18.758	22.006
#2	.00502	.03686	.07841	.08651	HH1.474	18.730	20.912
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	18.371	1.8551	.00453	.46660	L-.30183	.05908	.35150
SDev	.016	.0012	.00073	.00042	.04065	.00095	.00103
%RSD	.08508	.06268	16.014	.09090	13.469	1.6144	.29278
#1	18.382	1.8559	.00402	.46690	L-.27308	.05975	.35222
#2	18.360	1.8542	.00505	.46630	L-.33057	.05840	.35077
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00672	.00240	18.385	39.345	.02240	.29748	L-.01938
SDev	.00013	.00232	.006	.010	.00191	.00004	.00026
%RSD	1.9635	96.543	.03007	.02666	8.5129	.01403	1.3296
#1	.00662	.00404	18.381	39.338	.02375	.29751	L-.01956
#2	.00681	.00076	18.388	39.353	.02106	.29745	L-.01920
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000352

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.13476	.48148	.37058	.34197	.01707	.00405	-.01568
SDev	.00031	.00009	.00078	.00193	.00340	.00189	.00143
%RSD	.23277	.01809	.21102	.56535	28.139	46.781	9.1067
#1	.13498	.48154	.37002	.34334	.01447	.00271	-.01467
#2	.13453	.48142	.37113	.34060	.00967	.00538	-.01669
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01143
SDev	.00276
%RSD	24.172
#1	.01338
#2	.00948
Errors	NOCHECK
High	
Low	

000353

Method: WENSNEW Sample Name: 992545S-049 Operator: LMI
Run Time: 09/24/99 20:47:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00647	59.711	.08387	.06307	1.5775	.00409	33.329
SDev	.00007	.151	.00108	.00188	.0007	.00001	.066
%RSD	1.1169	.25267	1.2823	2.9747	.04518	.20946	.19768
#1	.00642	59.604	.08311	.06175	1.5769	.00410	33.282
#2	.00652	59.818	.08463	.06440	1.5780	.00409	33.375
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.03096	.04435	.10298	.50508	H106.90	20.794	23.336
SDev	.00003	.00000	.00043	.00065	.24	.114	.448
%RSD	.08234	.00041	.41886	.12790	.22410	.54673	1.9178
#1	.03094	.04435	.10268	.50462	H106.73	20.714	23.019
#2	.03098	.04435	.10329	.50553	H107.07	20.875	23.652
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	16.519	2.2324	.01225	1.2718	.67467	.06160	1.9067
SDev	.052	.0035	.00019	.0064	.00837	.00050	.0062
%RSD	.31752	.15779	1.5806	.50322	1.2405	.80796	.32535
#1	16.482	2.2299	.01211	1.2672	.66875	.06125	1.9023
#2	16.556	2.2349	.01238	1.2763	.68059	.06195	1.9111
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01060	.00542	12.119	25.938	.05008	.53892	L-.02274
SDev	.00057	.00197	.021	.046	.00008	.00065	.00149
%RSD	5.3616	36.320	.17097	.17614	.16663	.12035	6.5530
#1	.01100	.00403	12.105	25.905	.05002	.53846	L-.02168
#2	.01020	.00682	12.134	25.970	.05013	.53938	L-.02379
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC3354

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.16931	1.9502	1.9525	1.8839	.00891	.01144	-.00404
SDev	.00030	.0012	.0027	.0080	.00257	.00213	.00460
%RSD	.17968	.06121	.13732	.42264	28.808	18.636	113.91
#1	.16910	1.9493	1.9506	1.8782	.00709	.01295	-.00079
#2	.16953	1.9510	1.9544	1.8895	.01072	.00994	-.00730
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01015
SDev	.00525
%RSD	51.742
#1	.00644
#2	.01386
Errors	NOCHECK
High	
Low	

C00355

Analysis Report 09/24/99 08:58:53 PM page 1

Method: WENSNEW Sample Name: 992545S-050 Operator: LMT
Run Time: 09/24/99 20:53:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00459	81.724	.07064	.08749	2.6608	.00610	75.420
SDev	.00023	.156	.00067	.00136	.0017	.00001	.118
%RSD	5.0654	.19089	.94624	1.5494	.06249	.18921	.15634
#1	.00475	81.835	.07112	.08845	2.6620	.00610	75.503
#2	.00442	81.614	.07017	.08653	2.6596	.00611	75.337
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.02655	.05544	.13594	.47072	H129.36	27.471	28.805
SDev	.00007	.00007	.00010	.00070	.19	.091	.156
%RSD	.27072	.11970	.07371	.14850	.14832	.32991	.54083
#1	.02650	.05549	.13587	.47122	H129.50	27.535	28.916
#2	.02660	.05539	.13601	.47023	H129.22	27.407	28.695
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	24.548	4.3097	.01325	1.7170	.94691	.08883	3.2971
SDev	.050	.0048	.00122	.0058	.07054	.00010	.0056
%RSD	.20518	.11145	9.2188	.33891	7.4499	.11516	.16846
#1	24.583	4.3131	.01239	1.7211	.99679	.08890	3.3010
#2	24.512	4.3063	.01412	1.7129	.89702	.08875	3.2932
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01552	.01105	16.956	36.289	.06529	.74320	L-.03903
SDev	.00387	.00047	.033	.072	.00043	.00039	.00009
%RSD	24.908	4.3024	.19664	.19828	.65727	.05256	.22498
#1	.01279	.01139	16.980	36.340	.06499	.74348	L-.03909
#2	.01826	.01071	16.933	36.238	.06559	.74293	L-.03896
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000350

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.19588	4.6565	3.3494	3.2710	.02225	.01217	-.00313
SDev	.00010	.0030	.0029	.0069	.00418	.00371	.00490
%RSD	.05313	.06344	.08751	.20985	18.782	30.500	156.56
#1	.19581	4.6586	3.3515	3.2758	.01929	.00954	.00034
#2	.19595	4.6544	3.3474	3.2661	.02520	.01479	-.00660
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01813
SDev	.00173
%RSD	9.5669
#1	.01690
#2	.01936
Errors	NOCHECK
High	
Low	

000357

Analysis Report 09/24/99 09:04:50 PM page 1

Method: WENSNEW Sample Name: 992545S-051 Operator: LMT
Run Time: 09/24/99 20:58:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00025	45.588	1.6505	.03804	1.0912	.00374	24.618
SDev	.00013	.100	.0065	.00102	.0030	.00001	.065
%RSD	51.090	.21832	.39654	2.6695	.27213	.31881	.26272
#1	-.00016	45.658	1.6551	.03876	1.0933	.00375	24.663
#2	-.00034	45.517	1.6459	.03732	1.0891	.00373	24.572
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.04120	.03608	.14411	.24872	H90.911	17.543	19.452
SDev	.00010	.00003	.00068	.00099	.262	.046	.071
%RSD	.24899	.09267	.46909	.39968	.28864	.26290	.36403
#1	.04127	.03610	.14459	.24942	H91.096	17.575	19.502
#2	.04113	.03605	.14364	.24802	H90.725	17.510	19.402
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	14.180	2.1881	.02120	.88281	.22066	.06615	1.9870
SDev	.039	.0059	.00038	.00310	.01435	.00018	.0025
%RSD	.27315	.27104	1.7912	.35117	6.5021	.27839	.12425
#1	14.207	2.1923	.02094	.88500	.21052	.06628	1.9888
#2	14.152	2.1839	.02147	.88062	.23081	.06602	1.9853
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01050	.00600	15.999	34.238	.03411	.31384	L-.02138
SDev	.00005	.00004	.042	.091	.00070	.00089	.00062
%RSD	.49266	.68225	.26556	.26689	2.0617	.28401	2.8818
#1	.01046	.00603	16.029	34.303	.03461	.31447	L-.02095
#2	.01053	.00597	15.969	34.174	.03361	.31321	L-.02182
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C00358

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.12929	2.0483	2.0209	1.9702	.01199	.00975	-.00663
SDev	.00015	.0049	.0011	.0032	.00130	.00057	.00227
%RSD	.11759	.23783	.05388	.16030	10.807	5.8406	34.189
#1	.12940	2.0517	2.0216	1.9724	.01108	.01015	-.00502
#2	.12918	2.0448	2.0201	1.9679	.01291	.00935	-.00823
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01230
SDev	.00107
%RSD	8.6942
#1	.01155
#2	.01306
Errors	NOCHECK
High	
Low	

000353

Analysis Report 09/24/99 09:10:47 PM page 1

Method: WENSNEW Sample Name: 992545S-052 Operator: LMT
Run Time: 09/24/99 21:04:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00069	63.203	.56690	.04561	1.3969	.00468	33.912
SDev	.00016	.045	.00199	.00084	.0008	.00002	.018
%RSD	22.887	.07126	.35092	1.8455	.05480	.34794	.05256
#1	.00080	63.235	.56831	.04621	1.3974	.00469	33.925
#2	.00058	63.171	.56550	.04502	1.3963	.00466	33.900
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.01461	.04749	.10846	.20814	H105.70	25.891	27.906
SDev	.00003	.00020	.00067	.00027	.04	.093	.465
%RSD	.19864	.42618	.61328	.12881	.04050	.35903	1.6646
#1	.01463	.04763	.10893	.20833	H105.73	25.957	28.235
#2	.01459	.04735	.10798	.20795	H105.67	25.825	27.578
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	21.147	2.9060	.01121	.78758	L.01522	.07089	1.5305
SDev	.015	.0008	.00011	.00301	.02750	.00010	.0010
%RSD	.06981	.02800	1.0204	.38258	180.71	.14494	.06221
#1	21.158	2.9066	.01113	.78971	L.03466	.07082	1.5312
#2	21.137	2.9055	.01129	.78545	L-.00423	.07097	1.5298
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01470	.00680	18.609	39.826	.02881	.39026	L-.02898
SDev	.00012	.00154	.008	.015	.00079	.00004	.00105
%RSD	.83646	22.654	.04259	.03849	2.7308	.01069	3.6171
#1	.01461	.00789	18.615	39.837	.02937	.39023	L-.02823
#2	.01478	.00571	18.604	39.815	.02825	.39029	L-.02972
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.16137	2.2685	1.5625	1.5145	.01754	.01328	-.00679
SDev	.00074	.0026	.0006	.0011	.00041	.00039	.00105
%RSD	.46127	.11474	.04149	.07288	2.3221	2.9195	15.536
#1	.16189	2.2704	1.5630	1.5153	.01783	.01300	-.00604
#2	.16084	2.2667	1.5621	1.5138	.01725	.01355	-.00754
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01359
SDev	.00178
%RSD	13.128
#1	.01485
#2	.01233
Errors	NOCHECK
High	
Low	

000361

Method: WENSNEW Sample Name: 9925455-053 Operator: LMT
Run Time: 09/24/99 21:10:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00174	54.958	.15782	.05559	1.6953	.00445	42.050
SDev	.00029	.139	.00030	.00004	.0011	.00001	.074
%RSD	16.673	.25254	.19097	.06755	.06228	.30083	.17701
#1	.00153	54.860	.15804	.05556	1.6945	.00446	41.998
#2	.00194	55.056	.15761	.05561	1.6960	.00444	42.103
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.01249	.04613	.11751	.23449	H104.70	26.720	28.489
SDev	.00001	.00020	.00018	.00007	.18	.262	.065
%RSD	.07306	.43924	.14941	.02883	.17127	.98237	.22868
#1	.01250	.04627	.11739	.23454	H104.58	26.534	28.443
#2	.01249	.04599	.11764	.23445	H104.83	26.905	28.535
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	21.476	3.1766	.01225	.74952	.10653	.07227	1.6891
SDev	.056	.0032	.00015	.00590	.11359	.00082	.0000
%RSD	.26041	.09956	1.2334	.78776	106.63	1.1409	.00161
#1	21.437	3.1744	.01236	.74534	.18684	.07169	1.6891
#2	21.516	3.1789	.01215	.75369	L.02621	.07285	1.6892
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01065	.00677	16.991	36.363	.02846	.52915	L-.03026
SDev	.00252	.00037	.020	.043	.00040	.00007	.00060
%RSD	23.689	5.4511	.11622	.11746	1.4243	.01361	1.9819
#1	.01244	.00651	16.977	36.332	.02817	.52910	L-.03068
#2	.00887	.00703	17.005	36.393	.02874	.52920	L-.02983
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000362

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.15747	2.9227	1.7255	1.6710	.00854	.01171	-.00315
SDev	.00035	.0042	.0001	.0000	.00091	.00424	.00078
%RSD	.22226	.14266	.00507	.00017	10.676	36.194	24.823
#1	.15772	2.9197	1.7255	1.6710	.00789	.01471	-.00370
#2	.15723	2.9256	1.7256	1.6710	.00918	.00871	-.00260
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01172
SDev	.00016
%RSD	1.3903
#1	.01160
#2	.01183
Errors	NOCHECK
High	
Low	

C00363

Method: WENSNEW Sample Name: 992545S-054 Operator: LMT
Run Time: 09/24/99 21:16:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00231	75.644	.05655	.06256	2.5111	.00554	52.052
SDev	.00005	.198	.00036	.00094	.0017	.00002	.113
%RSD	2.1815	.26203	.62724	1.5086	.06886	.31664	.21658
#1	.00227	75.785	.05680	.06323	2.5123	.00555	52.131
#2	.00234	75.504	.05630	.06189	2.5099	.00553	51.972
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.02052	.05120	.13239	.31929	Hi19.27	23.001	24.800
SDev	.00022	.00032	.00029	.00023	.21	.223	.660
%RSD	1.0984	.62615	.22194	.07117	.18020	.96883	2.6612
#1	.02068	.05143	.13218	.31913	Hi19.42	23.158	25.266
#2	.02036	.05097	.13259	.31945	Hi19.12	22.843	24.333
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	24.587	3.9493	.01050	1.2983	.44978	.07831	2.2430
SDev	.068	.0059	.00007	.0099	.02989	.00073	.0041
%RSD	.27832	.14841	.70853	.76294	6.6457	.92763	.18286
#1	24.635	3.9534	.01045	1.3053	.47092	.07883	2.2459
#2	24.539	3.9451	.01056	1.2913	.42864	.07780	2.2401
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00855	.00895	15.881	33.987	.05247	.56049	L-.03630
SDev	.00010	.00080	.034	.072	.00006	.00032	.00160
%RSD	1.1514	8.8846	.21280	.21236	.11359	.05617	4.4012
#1	.00862	.00951	15.905	34.038	.05251	.56071	L-.03517
#2	.00848	.00838	15.857	33.936	.05243	.56026	L-.03743
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn213B	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC3364

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.17928	4.1121	2.2872	2.2209	.01707	.00429	-.00458
SDev	.00092	.0051	.0034	.0044	.00235	.00103	.00231
%RSD	.51126	.12443	.14910	.20020	13.782	23.927	50.511
#1	.17993	4.1157	2.2896	2.2240	.01874	.00357	-.00621
#2	.17863	4.1084	2.2848	2.2178	.01541	.00502	-.00294
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01570
SDev	.00235
%RSD	14.942
#1	.01736
#2	.01404
Errors	NOCHECK
High	
Low	

000385

Method: WENSNEW Sample Name: 992545S-055 Operator: LMT
Run Time: 09/24/99 21:22:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00270	67.679	.08716	.04212	1.1882	.00468	34.795
SDev	.00005	.084	.00108	.00065	.0011	.00005	.045
%RSD	1.7583	.12430	1.2414	1.5400	.09663	1.0120	.12911
#1	.00274	67.739	.08639	.04258	1.1890	.00472	34.827
#2	.00267	67.620	.08792	.04166	1.1874	.00465	34.763
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.01784	.04706	.19628	.17404	H104.18	21.557	24.539
SDev	.00020	.00014	.00035	.00032	.16	.071	.241
%RSD	1.1282	.28601	.17766	.18623	.15682	.32884	.98113
#1	.01798	.04716	.19653	.17426	H104.29	21.607	24.369
#2	.01770	.04697	.19603	.17381	H104.06	21.506	24.710
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	19.445	2.3552	.01054	.95944	.11752	.06876	1.1324
SDev	.033	.0034	.00050	.00256	.08130	.00004	.0021
%RSD	.16971	.14614	4.7003	.26688	69.185	.05870	.18885
#1	19.468	2.3577	.01019	.96125	.17501	.06873	1.1339
#2	19.422	2.3528	.01089	.95763	L.06003	.06879	1.1309
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00823	.00918	15.215	32.563	.03978	.39702	L-.02102
SDev	.00144	.00328	.038	.083	.00017	.00041	.00174
%RSD	17.437	35.741	.25273	.25410	.41946	.10319	8.2752
#1	.00925	.01149	15.243	32.621	.03967	.39731	L-.01979
#2	.00722	.00686	15.188	32.504	.03990	.39673	L-.02225
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

990366

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.17177	1.3183	1.1651	1.1161	.01336	.00568	-.00469
SDev	.00057	.0017	.0056	.0004	.00259	.00344	.00422
%RSD	.33298	.13007	.48071	.03676	19.368	60.663	90.039
#1	.17217	1.3195	1.1690	1.1164	.01153	.00811	-.00170
#2	.17136	1.3171	1.1611	1.1159	.01519	.00324	-.00767
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01610
SDev	.00281
%RSD	17.455
#1	.01808
#2	.01411
Errors	NOCHECK
High	
Low	

000367

Method: WENSNEW Sample Name: CCV 99092411 Operator: LMT
Run Time: 09/24/99 21:28:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.48113	9.7336	2.5300	2.6495	5.0006	2.5938	10.431
SDev	.00116	.0233	.0031	.0015	.0181	.0020	.024
%RSD	.24138	.23917	.12313	.05689	.36104	.07843	.22977
#1	.48195	9.7501	2.5322	2.6505	5.0134	2.5952	10.448
#2	.48031	9.7171	2.5278	2.6484	4.9878	2.5923	10.414
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	
Range	10.000	10.000	10.000	10.000	10.000	10.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.98543	2.5146	2.5684	2.3977	5.1721	10.477	9.8963
SDev	.00194	.0051	.0066	.0067	.0131	.035	.2096
%RSD	.19644	.20088	.25835	.28075	.25266	.33753	2.1180
#1	.98680	2.5182	2.5731	2.4024	5.1813	10.502	10.044
#2	.98406	2.5111	2.5637	2.3929	5.1628	10.452	9.7480
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	10.650	5.0146	2.4234	9.0492	10.002	2.4477	.94989
SDev	.014	.0138	.0062	.0363	.039	.0037	.00090
%RSD	.13047	.27583	.25561	.40147	.39450	.15063	.09522
#1	10.659	5.0244	2.4277	9.0749	9.9738	2.4503	.94925
#2	10.640	5.0048	2.4190	9.0235	10.030	2.4451	.95053
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5208	2.5746	24.417	52.254	2.5129	4.8899	2.3243
SDev	.0035	.0030	.016	.034	.0022	.0165	.0031
%RSD	.13891	.11475	.06707	.06508	.08870	.33828	.13231
#1	2.5183	2.5726	24.429	52.278	2.5145	4.9016	2.3265
#2	2.5233	2.5767	24.406	52.230	2.5113	4.8782	2.3221
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C00338

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4714	2.4039	.96371	.94299	2.5139	2.5243	2.5879
SDev	.0079	.0034	.00137	.00067	.0015	.0045	.0066
%RSD	.31973	.14004	.14263	.07103	.06048	.17791	.25597
#1	2.4770	2.4063	.96274	.94252	2.5128	2.5211	2.5832
#2	2.4658	2.4016	.96468	.94346	2.5150	2.5275	2.5926
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.5000					
Range	10.000	10.000					

Elem	Se_2nd
Units	mg/L
Avge	2.5680
SDev	.0011
%RSD	.04370
#1	2.5672
#2	2.5688
Errors	NOCHECK
Value	
Range	

Method: WENSNEW Sample Name: CCB 9909248B Operator: LMT
Run Time: 09/24/99 21:34:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00095	.00561	.00190	.00263	.00020	.00009	.00622
SDev	.00187	.00364	.00122	.00012	.00004	.00006	.00060
%RSD	195.31	64.897	64.350	4.6769	20.203	63.827	9.6864
#1	.00036	.00303	.00104	.00272	.00017	.00014	.00579
#2	L-.00227	.00818	.00277	.00254	.00022	.00005	.00664
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00025	.00062	.00058	-.00006	.02569	.00538	.62891
SDev	.00003	.00005	.00052	.00061	.03667	.03029	.47303
%RSD	11.259	8.0424	90.156	1080.6	142.70	563.54	75.215
#1	.00023	.00059	.00021	-.00049	-.00023	.02680	.29442
#2	.00028	.00066	.00095	.00037	H.05162	-.01605	.96339
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.01032	.00032	-.00005	.00126	-.12682	.00078	.00048
SDev	.01111	.00022	.00080	.00202	.24989	.00040	.00038
%RSD	107.75	68.837	1490.3	159.85	197.05	51.786	80.269
#1	.00246	.00016	.00051	-.00016	.04988	.00107	.00021
#2	.01818	.00048	-.00062	.00269	-.30352	.00049	.00075
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00000	-.00043	.00556	.01189	.00075	.00015	.00315
SDev	.00087	.00219	.00097	.00208	.00116	.00005	.00338
%RSD	103570.	513.32	17.515	17.520	154.13	32.254	107.38
#1	.00061	.00112	.00487	.01042	-.00007	.00012	.00076
#2	-.00061	-.00198	.00624	.01336	.00157	.00019	.00555
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

013020

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00042	.00023	-.00939	.00541	.01573	-.00760	-.00962
SDev	.00059	.00015	.01296	.00704	.01875	.01066	.02008
%RSD	141.10	62.798	137.95	130.31	123.06	140.16	208.78
#1	.00000	.00034	-.00023	.00042	.00198	-.00007	.00458
#2	.00083	.00013	-.01855	.01039	.02849	-.01514	-.02381
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00416
SDev	.00673
%RSD	161.86
#1	-.00060
#2	.00892
Errors	NOCHECK
High	
Low	

Analysis Report 09/24/99 09:46:28 PM page 1

Method: WENSNEW Sample Name: 9925458-05b Operator: LMT
Run Time: 09/24/99 21:40:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00065	53.885	.04270	.06058	1.2871	.00393	67.596
SDev	.00058	.153	.00141	.00031	.0025	.00001	.216
%RSD	88.369	.28451	3.2990	.51477	.19276	.36743	.31930
#1	.00025	53.994	.04370	.06036	1.2889	.00394	67.749
#2	.00106	53.777	.04171	.06080	1.2854	.00392	67.444
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01881	.04263	.09414	.17653	H90.498	23.281	25.004
SDev	.00002	.00005	.00034	.00042	.307	.119	.377
%RSD	.12641	.11778	.36053	.23566	.33870	.50980	1.5067
#1	.01883	.04267	.09438	.17683	H90.715	23.365	25.270
#2	.01879	.04260	.09390	.17624	H90.281	23.198	24.738
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	NA5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	17.851	2.5873	.01033	.87583	L.09131	.06108	1.2857
SDev	.071	.0068	.00046	.00491	.07054	.00023	.0039
%RSD	.39598	.26292	4.4139	.56105	77.258	.37021	.30166
#1	17.901	2.5921	.01001	.87930	L.04143	.06124	1.2884
#2	17.801	2.5825	.01065	.87235	.14119	.06092	1.2829
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01112	.00771	16.619	35.566	.03839	.49781	L-.02369
SDev	.00122	.00077	.048	.101	.00249	.00104	.00108
%RSD	10.975	10.013	.28829	.28495	6.4889	.20953	4.5426
#1	.01026	.00717	16.653	35.638	.04015	.49855	L-.02445
#2	.01199	.00826	16.585	35.494	.03663	.49707	L-.02293
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.14049	1.4193	1.3152	1.2709	.02034	.00653	-.00899
SDev	.00049	.0034	.0037	.0039	.00243	.00304	.00485
%RSD	.35257	.23822	.28460	.31047	11.947	46.630	53.970
#1	.14084	1.4217	1.3179	1.2737	.02205	.00437	-.01242
#2	.14014	1.4169	1.3126	1.2681	.01862	.00868	-.00556
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01605
SDev	.00127
%RSD	7.8800
#1	.01695
#2	.01516
Errors	NOCHECK
High	
Low	

000373

Analysis Report 09/24/99 09:52:25 PM page 1

Method: WENSNEW Sample Name: 992545S-057 Operator: LMT
Run Time: 09/24/99 21:46:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00156	58.187	.04273	.05281	2.2580	.00489	65.472
SDev	.00013	.013	.00136	.00049	.0011	.00001	.017
%RSD	8.5955	.02307	3.1718	.92583	.05027	.15755	.02594
#1	.00147	58.196	.04369	.05315	2.2588	.00490	65.484
#2	.00166	58.177	.04177	.05246	2.2572	.00488	65.460
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.01651	.04795	.12820	.18733	H92.309	27.286	29.342
SDev	.00002	.00025	.00014	.00023	.048	.011	.088
%RSD	.12470	.52683	.11152	.12299	.05249	.04053	.29926
#1	.01652	.04813	.12810	.18716	H92.343	27.278	29.404
#2	.01649	.04777	.12830	.18749	H92.275	27.294	29.280
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	21.712	2.5212	.00791	.76425	L.05411	.08166	1.5485
SDev	.002	.0011	.00053	.00020	.01554	.00002	.0010
%RSD	.00960	.04474	6.7605	.02630	28.726	.02958	.06642
#1	21.713	2.5220	.00753	.76439	L.04312	.08165	1.5492
#2	21.710	2.5204	.00829	.76411	L.06510	.08168	1.5478
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00872	.00452	17.560	37.580	.03909	.53357	L-.02299
SDev	.00089	.00217	.001	.003	.00122	.00007	.00122
%RSD	10.169	48.052	.00731	.00772	3.1102	.01351	5.3084
#1	.00935	.00606	17.560	37.582	.03823	.53362	L-.02385
#2	.00810	.00298	17.559	37.578	.03995	.53352	L-.02212
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.15311	2.3279	1.5820	1.5317	.01355	.00631	-.00628
SDev	.00043	.0013	.0050	.0010	.00112	.00189	.00036
%RSD	.27879	.05527	.31784	.06322	8.2997	29.964	5.6992
#1	.15281	2.3288	1.5856	1.5310	.01276	.00765	-.00653
#2	.15341	2.3270	1.5785	1.5324	.01435	.00498	-.00602
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00991
SDev	.00344
%RSD	34.664
#1	.01234
#2	.00748
Errors	NOCHECK
High	
Low	

000375

Method: WENSNEW Sample Name: 992545S-058 Operator: LMT
Run Time: 09/24/99 21:52:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00121	75.057	.05211	.04934	2.1264	.00508	40.355
SDev	.00003	.056	.00158	.00038	.0014	.00001	.052
%RSD	2.0345	.07523	3.0247	.77536	.06640	.22365	.12923
#1	.00120	75.017	.05323	.04907	2.1254	.00507	40.318
#2	.00123	75.097	.05100	.04961	2.1274	.00509	40.392
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.01909	.04993	.13639	.22395	H115.95	24.787	27.482
SDev	.00004	.00010	.00012	.00020	.16	.010	.068
%RSD	.19507	.20384	.09049	.08900	.13562	.04154	.24737
#1	.01912	.05000	.13630	.22381	H115.84	24.780	27.530
#2	.01907	.04985	.13648	.22409	H116.06	24.795	27.434
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	23.136	2.7331	.01239	.86476	L.03044	.07863	2.4865
SDev	.027	.0028	.00057	.00050	.10880	.00035	.0027
%RSD	.11560	.10252	4.6170	.05746	357.48	.44950	.11040
#1	23.117	2.7312	.01279	.86511	.10737	.07838	2.4884
#2	23.155	2.7351	.01199	.86441	L-.04650	.07888	2.4845
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01076	.00704	16.616	35.560	.06059	.46702	L-.02723
SDev	.00049	.00100	.008	.016	.00037	.00056	.00003
%RSD	4.5867	14.178	.04813	.04520	.60983	.11939	.12701
#1	.01041	.00775	16.610	35.548	.06086	.46662	L-.02721
#2	.01111	.00634	16.621	35.571	.06033	.46741	L-.02726
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000376

Units	mg/L	mg/L	mg/l	mg/l.	mg/L	mg/L	mg/L
Avge	.18295	2.5768	2.5340	2.4627	.01137	.01046	-.00078
SDev	.00008	.0032	.0045	.0019	.00000	.00074	.00622
%RSD	.04270	.12416	.17618	.07662	.00904	7.0813	793.98
#1	.18289	2.5745	2.5372	2.4641	.01137	.00993	.00361
#2	.18300	2.5790	2.5308	2.4614	.01137	.01098	-.00518
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01095
SDev	.00161
%RSD	14.692
#1	.00981
#2	.01208
Errors	NOCHECK
High	
Low	

223377

Method: WENSNEW Sample Name: 9925455-059 Operator: LMT
Run Time: 09/24/99 21:58:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00053	67.825	.04135	.06832	1.5477	.00499	49.402
SDev	.00056	.151	.00025	.00032	.0010	.00003	.111
%RSD	106.42	.22217	.59821	.47157	.06310	.54077	.22430
#1	.00092	67.719	.04117	.06809	1.5470	.00497	49.323
#2	.00013	67.932	.04152	.06855	1.5484	.00501	49.480
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01651	.04805	.12856	.18102	H108.56	27.226	29.557
SDev	.00007	.00009	.00015	.00050	.26	.142	.142
%RSD	.44729	.17694	.11290	.27738	.24407	.52334	.47917
#1	.01656	.04811	.12846	.18138	H108.38	27.125	29.657
#2	.01645	.04799	.12866	.18067	H108.75	27.327	29.456
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	22.295	2.5781	.00721	.95985	.26801	.07282	1.7582
SDev	.068	.0044	.00069	.00553	.07652	.00018	.0098
%RSD	.30459	.16957	9.5162	.57557	28.552	.24497	.55603
#1	22.247	2.5751	.00769	.95594	.32212	.07269	1.7513
#2	22.343	2.5812	.00672	.96375	.21390	.07294	1.7651
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00819	.00922	16.965	36.308	.03874	.47675	L-.02586
SDev	.00288	.00196	.015	.031	.00014	.00042	.00045
%RSD	35.214	21.241	.08668	.08546	.36925	.08911	1.7241
#1	.00615	.01061	16.955	36.286	.03864	.47645	L-.02618
#2	.01023	.00784	16.975	36.330	.03884	.47705	L-.02555
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C33373

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.17800	2.7165	1.8018	1.7365	.00845	.00806	-.00059
SDev	.00074	.0057	.0082	.0106	.00636	.00115	.00344
%RSD	.41385	.21070	.45611	.60779	75.264	14.237	578.79
#1	.17748	2.7125	1.7959	1.7290	.00395	.00725	.00184
#2	.17853	2.7206	1.8076	1.7439	.01295	.00887	-.00303
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.01412
SDev	.00122
%RSD	8.6310
#1	.01499
#2	.01326
Errors	NOCHECK
High	
Low	

0003373

Method: WENSNEW Sample Name: 992545S-059 MS Operator: LMT
Run Time: 09/24/99 22:04:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04575	88.935	1.8235	1.0824	3.4895	.05619	70.182
SDev	.00017	.035	.0032	.0007	.0012	.00004	.031
%RSD	.36307	.03983	.17817	.06760	.03366	.06661	.04376
#1	.04563	88.960	1.8258	1.0819	3.4887	.05622	70.204
#2	.04586	88.910	1.8212	1.0829	3.4903	.05617	70.160
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.06372	.53065	.33191	.42201	HI12.51	38.298	38.588
SDev	.00027	.00040	.00040	.00035	.05	.063	.246
%RSD	.42894	.07632	.11997	.08209	.04009	.16482	.63862
#1	.06392	.53093	.33162	.42177	HI12.54	38.342	38.413
#2	.06353	.53036	.33219	.42226	HI12.48	38.253	38.762
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	35.680	3.1208	.94920	9.3560	8.8130	.55978	1.9426
SDev	.036	.0009	.00011	.0129	.0825	.00064	.0020
%RSD	.10027	.02869	.01205	.13747	.93612	.11382	.10514
#1	35.706	3.1214	.94912	9.3651	8.7547	.56023	1.9440
#2	35.655	3.1201	.94928	9.3469	8.8713	.55933	1.9412
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.34559	1.8562	22.215	47.541	.99109	1.5141	1.7293
SDev	.00230	.0013	.013	.027	.00296	.0003	.0004
%RSD	.66624	.06789	.05901	.05775	.29827	.02129	.02326
#1	.34396	1.8553	22.224	47.560	.98900	1.5139	1.7291
#2	.34722	1.8571	22.206	47.521	.99319	1.5144	1.7296
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000330

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.67746	3.2409	1.9969	1.9155	.34556	.34561	1.8332
SDev	.00068	.0017	.0021	.0041	.00042	.00366	.0009
%RSD	.10070	.05389	.10441	.21420	.12072	1.0591	.04660
#1	.67795	3.2421	1.9955	1.9184	.34585	.34302	1.8338
#2	.67698	3.2396	1.9984	1.9126	.34526	.34819	1.8326
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	1.8677
SDev	.0023
%RSD	.12399
#1	1.8661
#2	1.8693
Errors	NOCHECK
High	
Low	

000331

Method: WENSNEW Sample Name: 992545S-059 MSD Operator: LMT
Run Time: 09/24/99 22:10:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04578	94.084	1.8209	1.0825	3.5005	.05597	58.654
SDev	.00022	.071	.0030	.0011	.0014	.00007	.042
%RSD	.47387	.07587	.16377	.10464	.04071	.12111	.07084
#1	.04594	94.134	1.8230	1.0833	3.5015	.05602	58.683
#2	.04563	94.033	1.8188	1.0817	3.4995	.05592	58.624
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.06312	.52947	.33922	.42005	H117.15	38.768	39.593
SDev	.00008	.00028	.00043	.00032	.08	.067	.241
%RSD	.12328	.05389	.12685	.07687	.06785	.17381	.60810
#1	.06317	.52967	.33953	.42028	H117.21	38.816	39.763
#2	.06306	.52927	.33892	.41983	H117.10	38.721	39.423
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	35.565	3.0690	.95517	9.4106	8.9618	.55997	1.8173
SDev	.045	.0015	.00168	.0220	.0395	.00068	.0004
%RSD	.12745	.05039	.17607	.23376	.44026	.12099	.02436
#1	35.598	3.0701	.95398	9.4262	8.9897	.55949	1.8176
#2	35.533	3.0679	.95635	9.3951	8.9339	.56045	1.8169
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.35694	1.8497	24.264	51.926	.98092	1.4814	1.7231
SDev	.00289	.0014	.008	.017	.00156	.0004	.0024
%RSD	.80976	.07452	.03196	.03368	.15920	.02509	.14181
#1	.35898	1.8488	24.269	51.939	.98203	1.4817	1.7214
#2	.35489	1.8507	24.258	51.914	.97982	1.4812	1.7248
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

033382

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.69226	3.1724	1.8691	1.7914	.35137	.35971	1.8232
SDev	.00041	.0013	.0055	.0021	.00037	.00452	.0040
%RSD	.05878	.04134	.29398	.11609	.10609	1.2564	.21886
#1	.69254	3.1734	1.8730	1.7899	.35111	.36291	1.8260
#2	.69197	3.1715	1.8652	1.7929	.35164	.35652	1.8204
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	1.8630
SDev	.0041
%RSD	.21785
#1	1.8601
#2	1.8659
Errors	NOCHECK
High	
Low	

000383

Method: WENSNEW Sample Name: 992545S-059 PDS Operator: LMT
Run Time: 09/24/99 22:16:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04127	67.092	1.8575	1.0416	3.3277	.05278	57.962
SDev	.00001	.027	.0011	.0024	.0032	.00007	.036
%RSD	.02985	.04048	.05982	.23298	.09637	.14300	.06234
#1	.04128	67.112	1.8583	1.0433	3.3300	.05284	57.987
#2	.04126	67.073	1.8567	1.0399	3.3254	.05273	57.936
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.03856	.50241	.31535	.39884	H106.43	36.491	37.510
SDev	.00006	.00054	.00187	.00030	.11	.015	.507
%RSD	.16944	.10731	.59313	.07431	.09975	.04116	1.3517
#1	.03851	.50279	.31403	.39905	H106.50	36.480	37.869
#2	.03860	.50203	.31668	.39863	H106.35	36.501	37.152
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	31.337	2.9542	.97353	9.1153	8.8426	.51102	2.1231
SDev	.017	.0023	.00088	.0041	.0574	.00007	.0008
%RSD	.05431	.07834	.09024	.04494	.64903	.01353	.03785
#1	31.349	2.9558	.97291	9.1124	8.8020	.51097	2.1225
#2	31.325	2.9525	.97415	9.1182	8.8832	.51107	2.1237
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.46150	1.7622	21.325	45.639	1.0037	1.4108	1.6417
SDev	.00050	.0008	.028	.061	.0019	.0016	.0028
%RSD	.10865	.04702	.13255	.13353	.18526	.11103	.17213
#1	.46185	1.7616	21.345	45.682	1.0051	1.4120	1.6437
#2	.46114	1.7628	21.305	45.596	1.0024	1.4097	1.6397
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

005384

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.63751	3.0751	2.1691	2.1002	.45344	.46552	1.7369
SDev	.00002	.0019	.0010	.0017	.00009	.00071	.0021
%RSD	.00344	.06070	.04776	.08198	.01971	.15189	.12232
#1	.63749	3.0764	2.1698	2.0990	.45350	.46602	1.7384
#2	.63752	3.0738	2.1683	2.1014	.45338	.46502	1.7354
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	1.7748
SDev	.0023
%RSD	.12975
#1	1.7732
#2	1.7764
Errors	NOCHECK
High	
Low	

000395

Analysis Report QC Standard 09/24/99 10:28:07 PM page 1

Method: WENSNEW Sample Name: ISA 990806L Operator: LMT
Run Time: 09/24/99 22:22:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00075	221.01	.00173	.00721	.00069	.00021	265.44
SDev	.00007	.14	.00149	.00017	.00000	.00006	.53
%RSD	9.1254	.06318	86.074	2.3963	.00000	26.787	.19815
#1	.00070	220.91	.00068	.00708	.00069	.00025	265.07
#2	.00080	221.11	.00278	.00733	.00069	.00017	265.81
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value		250.00					250.00
Range		20.000					20.000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00025	.00025	.00391	.00005	95.832	.05149	-.09614
SDev	.00007	.00000	.00007	.00004	.176	.01046	.33140
%RSD	26.426	.38144	1.8743	77.460	.18415	20.312	344.71
#1	.00030	.00025	.00386	.00008	95.707	.05889	.13820
#2	.00021	.00025	.00397	.00002	95.957	.04410	-.33048
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK
Value					100.00		
Range					20.000		

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	252.92	.00250	.00004	.02763	.11836	.00116	-.00171
SDev	.76	.00010	.00103	.00021	.11837	.00010	.00082
%RSD	.30119	3.7983	2647.6	.76738	100.01	8.5616	48.104
#1	252.38	.00256	.00077	.02748	.20206	.00123	-.00229
#2	253.46	.00243	-.00069	.02778	.03466	.00109	-.00113
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	250.00						
Range	20.000						

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00901	.00170	.00762	.01809	.00010	.01065	-.01211
SDev	.00079	.00117	.00185	.00394	.00021	.00004	.00212
%RSD	8.7718	68.386	24.194	21.800	212.13	.39195	17.493
#1	.00845	.00088	.00893	.02088	-.00005	.01067	-.01061
#2	.00957	.00253	.00632	.01531	.00025	.01062	-.01361
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CCC335

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00022	.01280	.09878	-.05188	.00736	.00983	.00346
SDev	.00023	.00019	.00147	.00050	.00372	.00067	.00063
%RSD	103.60	1.4546	1.4869	.96105	50.497	6.8406	18.235
#1	.00038	.01294	.09774	-.05223	.00473	.01030	.00391
#2	.00006	.01267	.09982	-.05153	.00999	.00935	.00302
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Se_2nd
Units	mg/L
Avge	.00083
SDev	.00206
%RSD	249.66
#1	-.00063
#2	.00228
Errors	NOCHECK
Value	
Range	

000387

Analysis Report QC Standard 09/24/99 10:34:04 PM page 1

Method: WENSNEW Sample Name: ISB 990806M Operator: LMT
Run Time: 09/24/99 22:28:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.98440	219.42	1.0021	1.0520	.47797	.51918	262.62
SDev	.00380	.74	.0023	.0028	.00214	.00173	.80
%RSD	.38591	.33941	.22982	.26338	.44729	.33264	.30526
#1	.98709	219.95	1.0038	1.0539	.47948	.52040	263.19
#2	.98172	218.89	1.0005	1.0500	.47646	.51796	262.05
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	250.00	1.0000	1.0000	.50000	.50000	251.00
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.94550	.46109	.48439	.46686	95.173	Q11.711	Q9.7861
SDev	.00213	.00123	.00158	.00136	.245	.016	.1275
%RSD	.22484	.26784	.32703	.29079	.25726	.13415	1.3025
#1	.94700	.46196	.48551	.46782	95.346	Q11.723	Q9.6960
#2	.94399	.46021	.48327	.46590	95.000	Q11.700	Q9.8762
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Fail
Value	1.0000	.50000	.50000	.50000	100.00	50.000	50.000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	249.77	.47239	.95894	Q8.6603	Q9.3947	.89153	.90493
SDev	.70	.00186	.00279	.0152	.0108	.00169	.00418
%RSD	.28168	.39351	.29136	.17597	.11454	.18963	.46212
#1	250.27	.47370	.96092	Q8.6711	Q9.3870	.89272	.90788
#2	249.27	.47108	.95697	Q8.6495	Q9.4023	.89033	.90197
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Fail	QC Pass	QC Pass
Value	248.80	.50000	1.0000	51.000	51.000	1.0000	1.0000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0197	1.0186	2.0989	4.4933	.94923	.92910	.88312
SDev	.0061	.0017	.0066	.0141	.00285	.00381	.00224
%RSD	.59664	.16670	.31628	.31296	.30013	.40988	.25330
#1	1.0240	1.0198	2.1036	4.5033	.95124	.93179	.88470
#2	1.0154	1.0174	2.0942	4.4834	.94721	.92640	.88154
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	1.0000	1.0000	2.1400			1.0000	1.0000
Range	20.000	20.000	20.000			20.000	20.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.47736	.96108	1.0123	.85134	1.0090	1.0250	1.0150
SDev	.00139	.00253	.0047	.00394	.0044	.0069	.0070
%RSD	.29073	.26293	.46021	.46325	.43383	.67665	.69443
#1	.47834	.96286	1.0156	.85413	1.0121	1.0299	1.0200
#2	.47638	.95929	1.0090	.84855	1.0059	1.0201	1.0100
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Se_2nd
Units	mg/L
Avge	1.0204
SDev	.0010
%RSD	.09538
#1	1.0197
#2	1.0211
Errors	QC Pass
Value	1.0000
Range	20.000

000389

Method: WENSNEW Sample Name: CCV 9909241J Operator: LMT
Run Time: 09/24/99 22:34:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.48116	9.7175	2.5410	2.6582	4.9804	2.6119	10.456
SDev	.00208	.0285	.0096	.0067	.0167	.0052	.029
%RSD	.43245	.29351	.37632	.25103	.33468	.20088	.27992
#1	.48263	9.7376	2.5478	2.6630	4.9922	2.6156	10.476
#2	.47969	9.6973	2.5343	2.6535	4.9686	2.6081	10.435
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	
Range	10.000	10.000	10.000	10.000	10.000	10.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.99253	2.5261	2.5760	2.3941	5.1828	10.419	9.6699
SDev	.00221	.0063	.0070	.0080	.0147	.015	.0651
%RSD	.22273	.25087	.27148	.33282	.28449	.14062	.67371
#1	.99409	2.5305	2.5810	2.3997	5.1933	10.430	9.6239
#2	.99097	2.5216	2.5711	2.3885	5.1724	10.409	9.7160
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	10.710	5.0248	2.4322	9.0146	9.8504	2.4639	.95912
SDev	.034	.0166	.0097	.0205	.0191	.0076	.00396
%RSD	.31297	.33060	.39775	.22782	.19422	.30793	.41252
#1	10.734	5.0366	2.4391	9.0292	9.8368	2.4693	.96192
#2	10.687	5.0131	2.4254	9.0001	9.8639	2.4585	.95632
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5328	2.6004	24.459	52.342	2.5297	4.8782	2.3296
SDev	.0119	.0025	.039	.080	.0065	.0147	.0030
%RSD	.46798	.09502	.15922	.15354	.25728	.30076	.12737
#1	2.5412	2.6021	24.486	52.399	2.5343	4.8886	2.3317
#2	2.5244	2.5986	24.431	52.285	2.5251	4.8678	2.3276
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000390

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4732	2.4129	.97070	.95334	2.5267	2.5359	2.6092
SDev	.0087	.0057	.00565	.00311	.0061	.0147	.0196
%RSD	.35087	.23462	.58230	.32621	.24247	.58018	.75058
#1	2.4794	2.4169	.97470	.95554	2.5311	2.5463	2.6230
#2	2.4671	2.4089	.96671	.95114	2.5224	2.5254	2.5953
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.5000					
Range	10.000	10.000					

Elem	Se_2nd
Units	mg/L
Avge	2.5960
SDev	.0061
%RSD	.23392
#1	2.5917
#2	2.6003
Errors	NOCHECK
Value	
Range	

550391

Method: WENSNEW Sample Name: CCB 990924BB Operator: LMT
Run Time: 09/24/99 22:40:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00019	.00420	.00016	.00326	.00016	.00009	.00775
SDev	.00050	.00033	.00023	.00147	.00012	.00000	.00133
%RSD	268.91	7.8855	141.69	45.192	74.873	1.9260	17.095
#1	-.00017	.00444	.00032	.00430	.00007	.00010	.00681
#2	.00054	.00397	-.00000	.00222	.00024	.00009	.00869
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/l	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00014	.00070	.00054	.00011	.00628	.02289	.46867
SDev	.00012	.00010	.00011	.00060	.00717	.00341	.16712
%RSD	81.982	14.312	21.023	525.96	114.13	14.897	35.658
#1	.00023	.00078	.00061	-.00031	.01135	.02048	.58685
#2	.00006	.00063	.00046	.00054	.00121	.02530	.35050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00565	.00013	.00024	-.00004	-.01860	-.00008	-.00023
SDev	.00208	.00002	.00053	.00024	.00120	.00011	.00084
%RSD	36.893	17.630	219.94	659.96	6.4282	133.29	371.88
#1	.00712	.00015	-.00014	-.00021	-.01775	-.00016	-.00082
#2	.00418	.00012	.00062	.00014	-.01945	-.00000	.00037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00222	.00151	.00506	.01084	.00121	.00011	.00097
SDev	.00020	.00021	.00028	.00060	.00056	.00002	.00136
%RSD	8.8904	13.599	5.4906	5.4918	46.481	21.213	139.43
#1	.00236	.00166	.00526	.01126	.00081	.00009	.00001
#2	.00208	.00137	.00487	.01042	.00160	.00012	.00193
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000392

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00035	.00046	.00101	-.00084	.00100	.00282	.00100
SDev	.00025	.00012	.00180	.00037	.00189	.00065	.00429
%RSD	70.423	26.220	178.19	43.677	188.01	22.921	429.76
#1	.00052	.00038	-.00026	-.00111	.00234	.00237	-.00204
#2	.00018	.00055	.00228	-.00058	-.00033	.00328	.00403
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00177
SDev	.00245
%RSD	138.57
#1	.00350
#2	.00004
Errors	NOCHECK
High	
Low	

000393

Method: WENSNEW Sample Name: MB 51836 Operator: LMT
Run Time: 09/24/99 22:46:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00014	.00748	.00160	.00257	.00012	.00006	.00596
SDev	.00019	.00233	.00144	.00110	.00009	.00001	.00000
%RSD	133.85	31.127	89.612	42.766	76.149	20.075	.00000
#1	-.00028	.00583	.00262	.00334	.00019	.00007	.00596
#2	-.00001	.00912	.00059	.00179	.00006	.00005	.00596
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00050	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00050	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00015	.00033	.00059	-.00021	.01937	.00285	.61489
SDev	.00003	.00049	.00022	.00068	.00303	.00811	.11897
%RSD	19.552	146.39	38.398	325.93	15.658	284.46	19.348
#1	.00013	.00068	.00074	.00027	.02152	.00858	.69901
#2	.00017	-.00001	.00043	-.00069	.01723	-.00288	.53076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00725	.00011	.00049	.01915	.04481	-.00002	.00040
SDev	.00156	.00000	.00050	.00097	.08130	.00048	.00027
%RSD	21.573	.02737	102.11	5.0581	181.45	2966.3	67.263
#1	.00835	.00011	.00084	.01983	-.01268	.00032	.00059
#2	.00614	.00011	.00014	.01846	.10230	-.00035	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00027	-.00077	.00652	.01394	.00052	.00004	.00229
SDev	.00107	.00154	.00087	.00186	.00000	.00001	.00011
%RSD	401.08	199.60	13.342	13.342	.00000	17.678	4.9284
#1	.00103	-.00187	.00713	.01526	.00052	.00005	.00221
#2	-.00049	.00032	.00590	.01263	.00052	.00004	.00237
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000391

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00055	.00151	-.00117	.00118	.00481	-.00200	-.00616
SDev	.00009	.00024	.00150	.00034	.00042	.00182	.00153
%RSD	17.101	15.914	128.58	29.171	8.6770	90.938	24.918
#1	.00061	.00168	-.00011	.00094	.00452	-.00071	-.00724
#2	.00048	.00134	-.00223	.00143	.00511	-.00329	-.00507
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00191
SDev	.00155
%RSD	80.979
#1	.00082
#2	.00301
Errors	NOCHECK
High	
Low	

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Method: WENSNEW Sample Name: SB 990914S Operator: LMT
Run Time: 09/24/99 22:51:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04845	2.0054	1.9101	1.0949	1.9910	.05319	10.768
SDev	.00044	.0025	.0009	.0005	.0017	.00004	.002
%RSD	.90167	.12313	.04926	.04450	.08617	.07761	.01679
#1	.04814	2.0071	1.9107	1.0945	1.9922	.05322	10.770
#2	.04876	2.0036	1.9094	1.0952	1.9898	.05316	10.767
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.06000	2.4000	2.4000	1.2000	2.4000	.06000	12.000
Low	.04000	1.6000	1.6000	.80000	1.6000	.04000	.80000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.05086	.50182	.20712	.24116	1.0507	8.3474	8.4181
SDev	.00022	.00116	.00026	.00019	.0034	.0072	.3342
%RSD	.43017	.23149	.12340	.07713	.32714	.08584	3.9704
#1	.05102	.50100	.20730	.24130	1.0531	8.3423	8.1818
#2	.05071	.50264	.20694	.24103	1.0482	8.3524	8.6545
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.06000	.60000	.24000	.30000	1.2000	12.000	12.000
Low	.04000	.40000	.16000	.20000	.80000	8.0000	8.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	10.816	.50382	1.0218	9.2490	9.8140	.48324	.48986
SDev	.001	.00020	.0028	.0014	.0921	.00061	.00060
%RSD	.01124	.03924	.26945	.01484	.93810	.12695	.12263
#1	10.817	.50396	1.0238	9.2500	9.8791	.48281	.49029
#2	10.815	.50368	1.0199	9.2481	9.7489	.48367	.48944
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	12.000	.60000	1.2000	12.000	12.000	.60000	.60000
Low	8.0000	.40000	.80000	8.0000	8.0000	.40000	.40000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.51755	2.0170	L5.0216	10.746	1.0479	1.0087	1.9137
SDev	.00234	.0035	.0018	.004	.0016	.0004	.0004
%RSD	.45289	.17325	.03600	.03739	.15242	.03685	.01895
#1	.51590	2.0145	L5.0203	10.744	1.0491	1.0089	1.9140
#2	.51921	2.0195	L5.0229	10.749	1.0468	1.0084	1.9135
Errors	LC Pass	LC Pass	LC Low	NOCHECK	LC Pass	LC Pass	LC Pass
High	.60000	2.4000	12.000		1.2000	1.2000	2.4000
Low	.40000	1.6000	8.0000		.80000	.80000	1.6000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.50857	.49122	.49466	.48747	.51377	.51944	2.0168
SDev	.00024	.00030	.00044	.00112	.00234	.00234	.0038
%RSD	.04750	.06006	.08967	.23019	.45611	.45129	.18768
#1	.50840	.49143	.49435	.48826	.51211	.51778	2.0141
#2	.50874	.49101	.49498	.48668	.51543	.52110	2.0194
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.60000	.60000	.60000	.60000	.60000	.60000	2.4000
Low	.40000	.40000	.40000	.40000	.40000	.40000	1.6000

Elem	Se_2nd
Units	mg/L
Avge	2.0171
SDev	.0033
%RSD	.16605
#1	2.0147
#2	2.0195
Errors	LC Pass
High	2.4000
Low	1.6000

000397

Method: WENSNEW Sample Name: 992545T-001 Operator: LMT
Run Time: 09/24/99 22:57:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00009	.03706	-.00030	.00978	.00157	.00012	.57461
SDev	.00015	.00032	.00127	.00083	.00000	.00001	.00108
%RSD	170.02	.86806	417.59	8.5155	.00008	6.1452	.18864
#1	.00002	.03683	-.00120	.00919	.00157	.00012	.57538
#2	-.00019	.03728	.00059	.01036	.00157	.00011	.57385
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00008	.00011	.00049	.00088	.05095	.10932	L.08212
SDev	.00001	.00017	.00001	.00044	.01028	.01175	.10763
%RSD	12.259	157.70	2.0696	50.774	20.174	10.747	131.07
#1	.00009	-.00001	.00050	.00056	.05822	.10101	L.00601
#2	.00007	.00023	.00048	.00119	.04369	.11763	.15823
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.12330	.00168	-.00038	1.1353	1.2166	.00097	.00076
SDev	.00243	.00002	.00011	.0032	.0143	.00050	.00066
%RSD	1.9720	1.3927	30.303	.28437	1.1793	51.737	86.159
#1	.12502	.00166	-.00046	1.1330	1.2065	.00132	.00123
#2	.12158	.00169	-.00030	1.1376	1.2268	.00061	.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00053	.00051	.31101	.66560	.00091	.00370	.00234
SDev	.00097	.00011	.00104	.00223	.00136	.00000	.00085
%RSD	182.16	20.749	.33536	.33538	149.28	.10255	36.370
#1	.00015	.00058	.31175	.66717	-.00005	.00370	.00174
#2	-.00122	.00043	.31027	.66402	.00187	.00370	.00294
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC0398

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00031	.00910	.00113	.00058	.00230	-.00195	-.00172
SDev	.00049	.00012	.00205	.00004	.00019	.00136	.00004
%RSD	158.49	1.3005	181.53	6.9316	8.3798	70.041	2.2912
#1	-.00004	.00919	.00258	.00055	.00243	-.00098	-.00175
#2	.00066	.00902	-.00032	.00061	.00216	-.00291	-.00170
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00162
SDev	.00018
%RSD	10.940
#1	.00174
#2	.00149
Errors	NOCHECK
High	
Low	

000339

Analysis Report 09/24/99 11:09:45 PM page 1

Method: WENSNEW Sample Name: 992545T-001 SD Operator: LMT
Run Time: 09/24/99 23:03:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00042	.01178	.00080	.00332	.00036	.00011	.12502
SDev	.00011	.00083	.00098	.00077	.00007	.00005	.00072
%RSD	27.114	7.0646	122.35	23.149	18.131	40.811	.57602
#1	.00050	.01120	.00011	.00278	.00032	.00014	.12553
#2	.00034	.01237	.00149	.00387	.00041	.00008	.12451
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00008	.00029	.00039	.00018	.01176	.04735	.35852
SDev	.00005	.00015	.00007	.00013	.00717	.00419	.32857
%RSD	62.248	53.070	18.323	68.223	60.966	8.8540	91.647
#1	.00005	.00018	.00034	.00009	.00669	.04439	.12618
#2	.00012	.00039	.00044	.00027	.01683	.05032	.59085
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.02702	.00049	-.00043	.24259	.24434	.00039	.00052
SDev	.00208	.00005	.00011	.00145	.06696	.00027	.00040
%RSD	7.7139	9.4164	26.500	.59560	27.403	71.161	76.658
#1	.02554	.00046	-.00035	.24157	.19699	.00019	.00024
#2	.02849	.00053	-.00051	.24361	.29168	.00058	.00080
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00002	.00098	.07255	.15527	.00117	.00080	.00233
SDev	.00059	.00193	.00045	.00097	.00061	.00002	.00123
%RSD	3905.3	198.25	.62311	.62303	51.888	2.3649	53.004
#1	-.00043	-.00039	.07287	.15595	.00074	.00079	.00320
#2	.00040	.00234	.07223	.15459	.00160	.00082	.00146
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00037	.00520	.00041	.00057	.00003	-.00004	-.00242
SDev	.00021	.00010	.00092	.00013	.00340	.00081	.00276
%RSD	57.905	1.8354	224.65	23.322	12606.	2253.9	113.89
#1	.00052	.00513	-.00024	.00048	-.00238	.00054	-.00047
#2	.00022	.00527	.00106	.00066	.00243	-.00061	-.00437
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00267
SDev	.00428
%RSD	160.06
#1	-.00035
#2	.00570
Errors	NOCHECK
High	
Low	

000401

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Method: WENSNEW Sample Name: 992545T-002 Operator: LMT
Run Time: 09/24/99 23:09:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00011	.08623	.00037	.00773	.00337	.00010	.59343
SDev	.00009	.00100	.00017	.00072	.00001	.00003	.00096
%RSD	79.151	1.1573	45.336	9.3693	.39183	29.826	.16236
#1	-.00005	.08693	.00049	.00721	.00336	.00013	.59412
#2	-.00018	.08552	.00025	.00824	.00338	.00008	.59275
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00027	.00027	.00234	.00130	.15504	.19690	.87125
SDev	.00004	.00037	.00029	.00085	.00151	.00009	.35123
%RSD	14.009	135.02	12.253	65.077	.97332	.04680	40.313
#1	.00025	.00054	.00213	.00190	.15611	.19683	.62290
#2	.00030	.00001	.00254	.00070	.15398	.19696	1.1196
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.08241	.00368	.00035	1.8926	2.0426	.00092	.00133
SDev	.00226	.00008	.00015	.0023	.0921	.00021	.00027
%RSD	2.7399	2.2152	43.322	.12183	4.5072	22.660	20.055
#1	.08400	.00373	.00024	1.8910	1.9775	.00077	.00151
#2	.08081	.00362	.00046	1.8942	2.1077	.00107	.00114
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00053	.00035	.36439	.77983	.00158	.00267	.00123
SDev	.00072	.00031	.00087	.00186	.00062	.00002	.00009
%RSD	137.31	89.342	.23855	.23855	39.117	.71066	7.1836
#1	-.00002	.00057	.36377	.77851	.00115	.00266	.00117
#2	-.00104	.00013	.36500	.78114	.00202	.00268	.00130
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00067	.01624	.00081	.00158	.00170	-.00164	-.00529
SDev	.00018	.00005	.00003	.00041	.00043	.00129	.00283
%RSD	27.510	.29447	3.2051	26.007	25.038	78.989	53.407
#1	.00054	.01621	.00079	.00187	.00140	-.00072	-.00729
#2	.00080	.01628	.00083	.00129	.00201	-.00255	-.00329
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00316
SDev	.00187
%RSD	59.313
#1	.00449
#2	.00184
Errors	NOCHECK
High	
Low	

CC0403

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Method: WENSNEW Sample Name: 992545T-003 Operator: LMT
Run Time: 09/24/99 23:15:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00030	.08280	.00073	.00810	.00194	.00010	.34705
SDev	.00006	.00199	.00095	.00046	.00008	.00001	.00036
%RSD	18.535	2.3992	130.45	5.7067	4.0794	11.806	.10411
#1	.00026	.08140	.00006	.00777	.00189	.00009	.34731
#2	.00034	.08420	.00140	.00842	.00200	.00011	.34679
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00022	-.00011	.00102	.00041	.11536	.07914	L.02604
SDev	.00008	.00010	.00014	.00036	.00486	.00090	.16428
%RSD	35.858	94.601	14.030	86.676	4.2157	1.1353	630.96
#1	.00016	-.00018	.00092	.00016	.11192	.07850	.14220
#2	.00027	-.00004	.00112	.00066	.11880	.07977	L-.09013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.06693	.00263	.00079	.85062	.91647	.00067	.00160
SDev	.00017	.00002	.00046	.00045	.06098	.00090	.00049
%RSD	.25949	.88236	58.431	.05321	6.6536	133.71	30.532
#1	.06705	.00261	.00111	.85094	.87335	.00004	.00125
#2	.06681	.00265	.00046	.85030	.95959	.00131	.00194
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00060	.00151	.35573	.76120	.00117	.00249	.00004
SDev	.00152	.00320	.00198	.00439	.00042	.00000	.00321
%RSD	253.86	212.87	.55711	.57676	35.610	.15256	7813.5
#1	-.00048	-.00076	.35433	.75810	.00147	.00249	.00231
#2	.00167	.00377	.35713	.76430	.00088	.00248	-.00223
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00025	.01103	.00348	.00066	-.00108	.00144	-.00325
SDev	.00015	.00008	.00013	.00067	.00221	.00117	.00401
%RSD	60.539	.70714	3.7061	101.62	204.86	81.618	123.55
#1	.00015	.01108	.00339	.00018	-.00264	.00061	-.00609
#2	.00036	.01097	.00357	.00113	.00048	.00226	-.00041
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00388
SDev	.00280
%RSD	72.227
#1	.00190
#2	.00586
Errors	NOCHECK
High	
Low	

C00405

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Method: WENSNEW Sample Name: 992545T-004 Operator: LMT
Run Time: 09/24/99 23:21:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00037	.01975	.00056	.00839	.00062	.00012	.10722
SDev	.00087	.00282	.00103	.00042	.00005	.00005	.00084
%RSD	236.07	14.295	185.10	4.9754	8.5709	36.364	.78630
#1	.00098	.01776	.00128	.00810	.00065	.00015	.10663
#2	-.00025	.02175	-.00017	.00869	.00058	.00009	.10782
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00016	.00001	.00109	.00083	.04117	.07361	.15622
SDev	.00007	.00007	.00008	.00044	.00052	.00060	.45603
%RSD	41.996	539.44	7.4886	52.439	1.2611	.81367	291.91
#1	.00020	.00006	.00115	.00114	.04080	.07319	.47869
#2	.00011	-.00004	.00103	.00052	.04154	.07404	L-.16624
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.02039	.00088	.00068	.90562	1.0340	.00030	.00089
SDev	.00278	.00001	.00046	.00505	.0646	.00006	.00041
%RSD	13.631	1.3220	67.838	.55761	6.2443	19.804	46.533
#1	.01842	.00087	.00100	.90205	1.0796	.00034	.00059
#2	.02235	.00089	.00035	.90919	.98833	.00026	.00118
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00002	-.00069	.21338	.45666	.00144	.00048	.00004
SDev	.00201	.00149	.00010	.00022	.00106	.00001	.00113
%RSD	11943.	216.31	.04888	.04888	73.605	1.5713	2939.4
#1	-.00140	-.00174	.21331	.45650	.00069	.00049	.00084
#2	.00144	.00036	.21345	.45681	.00219	.00048	-.00076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00005	.01038	.00308	-.00021	-.00208	.00106	-.00400
SDev	.00019	.00027	.00106	.00115	.00215	.00194	.00104
%RSD	371.00	2.5835	34.527	549.82	103.54	182.53	26.021
#1	.00018	.01019	.00383	-.00102	-.00360	-.00031	-.00326
#2	-.00008	.01057	.00233	.00060	-.00056	.00243	-.00473
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00096
SDev	.00275
%RSD	285.49
#1	-.00098
#2	.00291
Errors	NOCHECK
High	
Low	

CC0407

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Method: WENSNEW Sample Name: 992545T-005 Operator: LMT
Run Time: 09/24/99 23:27:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00005	.09609	.00013	.00799	.00269	.00005	.21624
SDev	.00049	.00016	.00008	.00202	.00003	.00002	.00060
%RSD	980.29	.16786	60.483	25.315	.98204	40.436	.27850
#1	-.00039	.09597	.00019	.00656	.00267	.00006	.21666
#2	.00029	.09620	.00007	.00942	.00271	.00003	.21581
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00032	.00013	.00109	.00112	.13275	.10232	.26638
SDev	.00002	.00020	.00015	.00061	.00691	.00797	.27192
%RSD	5.8147	154.60	14.124	54.211	5.2029	7.7904	102.08
#1	.00034	-.00001	.00119	.00069	.12787	.09668	L.07411
#2	.00031	.00027	.00098	.00155	.13764	.10795	.45866
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.06570	.00410	-.00054	2.3803	2.5938	.00083	.00311
SDev	.00226	.00008	.00019	.0018	.0227	.00016	.00040
%RSD	3.4364	1.9827	35.432	.07559	.87582	19.209	12.850
#1	.06411	.00405	-.00040	2.3790	2.5778	.00072	.00283
#2	.06730	.00416	-.00067	2.3815	2.6099	.00094	.00340
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00134	.00209	.35595	.76178	.00061	.00113	.00024
SDev	.00048	.00094	.00007	.00015	.00160	.00001	.00040
%RSD	36.105	45.070	.01956	.01954	263.20	1.0078	167.38
#1	-.00168	.00142	.35600	.76188	.00174	.00112	-.00004
#2	-.00100	.00275	.35590	.76167	-.00052	.00114	.00053
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CC0408

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00034	.01089	.00068	.00433	.00388	-.00395	-.00444
SDev	.00028	.00046	.00103	.00112	.00581	.00218	.00133
%RSD	81.314	4.2381	152.35	25.795	149.81	55.114	30.001
#1	.00015	.01056	.00141	.00354	-.00023	-.00241	-.00350
#2	.00054	.01121	-.00005	.00512	.00799	-.00549	-.00539
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00535
SDev	.00208
%RSD	38.819
#1	.00388
#2	.00682
Errors	NOCHECK
High	
Low	

C00400

CC0410

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Method: WENSNEW Sample Name: 992545T-006 Operator: LMT
Run Time: 09/24/99 23:33:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00002	.04899	.00028	.00805	.00243	.00011	.60101
SDev	.00033	.00100	.00000	.00050	.00005	.00002	.00253
%RSD	1417.4	2.0437	.53975	6.2321	2.1757	16.608	.42083
#1	.00026	.04970	.00028	.00841	.00246	.00012	.59923
#2	-.00021	.04828	.00028	.00770	.00239	.00010	.60280
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00017	-.00001	.00155	.00194	.08143	.30353	1.1116
SDev	.00002	.00003	.00041	.00040	.01128	.00507	.1360
%RSD	8.9548	276.22	26.301	20.664	13.849	1.6698	12.231
#1	.00018	-.00004	.00127	.00166	.07346	.30711	1.0155
#2	.00015	.00001	.00184	.00223	.08941	.29994	1.2077
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.07418	.00329	-.00022	1.9764	2.1060	.00170	.00141
SDev	.00452	.00002	.00042	.0004	.0311	.00043	.00079
%RSD	6.0877	.71088	195.13	.02018	1.4761	25.423	56.121
#1	.07098	.00331	.00008	1.9761	2.1280	.00140	.00085
#2	.07737	.00327	-.00051	1.9767	2.0840	.00201	.00197
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00088	-.00085	.27723	.59330	.00108	.00188	.00090
SDev	.00069	.00244	.00195	.00417	.00017	.00001	.00056
%RSD	78.251	288.00	.70230	.70233	15.468	.40291	62.880
#1	-.00137	-.00258	.27585	.59035	.00096	.00188	.00050
#2	-.00039	.00088	.27861	.59625	.00120	.00189	.00130
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00034	.02785	.00022	.00201	.00191	-.00228	-.00623
SDev	.00046	.00005	.00140	.00188	.00535	.00163	.00273
%RSD	137.55	.18633	640.82	93.943	280.58	71.653	43.878
#1	.00001	.02789	.00121	.00067	-.00187	-.00112	-.00430
#2	.00066	.02782	-.00077	.00334	.00569	-.00343	-.00816
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00184
SDev	.00503
%RSD	273.52
#1	-.00172
#2	.00539
Errors	NOCHECK
High	
Low	

C00411

Analysis Report 09/24/99 11:45:34 PM page 1

Method: WENSNEW Sample Name: 9925451-007 Operator: LM1
Run Time: 09/24/99 23:39:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00146	.09178	.00061	.00765	.00161	.00005	.16854
SDev	.00274	.00263	.00040	.00084	.00016	.00010	.00205
%RSD	188.21	2.8619	66.600	10.915	9.8664	193.25	1.2148
#1	.00048	.09364	.00032	.00824	.00172	.00012	.16999
#2	-.00340	.08992	.00089	.00706	.00149	-.00002	.16710
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00002	-.00014	.00206	-.00028	.13713	.19435	L-.42261
SDev	.00025	.00056	.00078	.00093	.00944	.07390	1.48990
%RSD	1382.9	387.45	37.693	330.36	6.8866	38.025	352.55
#1	.00019	.00025	.00261	.00037	.14380	.24661	.63091
#2	-.00016	-.00054	.00151	-.00093	.13045	.14210	L-1.4761
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.05760	.00307	-.00105	1.2877	1.1912	-.00001	.00233
SDev	.00191	.00001	.00168	.0046	.3276	.00153	.00079
%RSD	3.3169	.37618	159.77	.35738	27.501	14260.	33.728
#1	.05895	.00308	.00014	1.2845	1.4229	.00107	.00177
#2	.05625	.00306	L-.00224	1.2910	.95959	-.00109	.00289
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00111	.00155	.35256	.75452	-.00058	.00109	-.00064
SDev	.00055	.00297	.00515	.01101	.00166	.00008	.00180
%RSD	49.330	191.84	1.4596	1.4596	284.89	7.3330	280.64
#1	.00072	.00365	.35620	.76230	.00059	.00114	.00063
#2	.00150	-.00055	.34892	.74673	-.00175	.00103	-.00191
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00004	.02092	-.00228	.00463	.00696	-.00181	-.00688
SDev	.00016	.00070	.00827	.00530	.01180	.00507	.01584
%RSD	429.07	3.3371	361.91	114.48	169.69	280.56	230.35
#1	.00015	.02141	.00356	.00088	-.00139	.00178	.00432
#2	-.00008	.02042	-.00813	.00838	.01530	-.00539	-.01808
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00576
SDev	.00345
%RSD	59.897
#1	.00332
#2	.00820
Errors	NOCHECK
High	
Low	

CC0413

Analysis Report QC Standard 09/24/99 11:51:31 PM page 1

Method: WENSNEW Sample Name: CCV 990924III Operator: LMT
Run Time: 09/24/99 23:45:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.48457	9.7880	2.5722	2.6740	5.0252	2.6313	10.597
SDev	.00161	.0331	.0062	.0029	.0130	.0031	.032
%RSD	.33251	.33781	.24176	.10883	.25841	.11595	.29891
#1	.48571	9.8114	2.5766	2.6760	5.0344	2.6335	10.620
#2	.48343	9.7647	2.5678	2.6719	5.0160	2.6291	10.575
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	
Range	10.000	10.000	10.000	10.000	10.000	10.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	1.0038	2.5515	2.5992	2.4144	5.2471	10.491	10.179
SDev	.0031	.0067	.0075	.0053	.0198	.057	1.023
%RSD	.30492	.26400	.28873	.22095	.37815	.54022	10.046
#1	1.0059	2.5563	2.6045	2.4181	5.2611	10.531	10.902
#2	1.0016	2.5468	2.5939	2.4106	5.2331	10.451	9.4556
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	10.838	5.0623	2.4494	9.1060	9.9087	2.4832	.97119
SDev	.036	.0142	.0030	.0429	.0347	.0045	.00361
%RSD	.33494	.28082	.12332	.47136	.34993	.18092	.37115
#1	10.863	5.0723	2.4515	9.1363	9.9332	2.4864	.97374
#2	10.812	5.0522	2.4473	9.0756	9.8842	2.4801	.96864
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5582	2.6343	24.612	52.668	2.5589	4.9113	2.3556
SDev	.0027	.0053	.021	.046	.0079	.0117	.0058
%RSD	.10364	.20076	.08716	.08717	.30790	.23872	.24564
#1	2.5601	2.6381	24.627	52.701	2.5645	4.9196	2.3597
#2	2.5564	2.6306	24.596	52.636	2.5534	4.9031	2.3515
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

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Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4966	2.4347	.98089	.96634	2.5580	2.5583	2.6374
SDev	.0081	.0051	.00677	.00203	.0008	.0036	.0055
%RSD	.32500	.21013	.68978	.20967	.03198	.13941	.20880
#1	2.5024	2.4383	.98567	.96778	2.5586	2.5609	2.6413
#2	2.4909	2.4311	.97610	.96491	2.5575	2.5558	2.6335
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.5000					
Range	10.000	10.000					

Elem	Se_2nd
Units	mg/L
Avge	2.6328
SDev	.0052
%RSD	.19673
#1	2.6365
#2	2.6292
Errors	NOCHECK
Value	
Range	

000415

Analysis Report Blank Sample 09/24/99 11:57:26 PM page 1

Method: WENSNEW Sample Name: CCB 990924888 Operator: LMT
Run Time: 09/24/99 23:51:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00047	.00315	.00096	.00179	.00008	.00010	.00698
SDev	.00072	.00312	.00113	.00071	.00009	.00007	.00072
%RSD	153.45	99.156	118.21	39.559	109.99	73.833	10.348
#1	.00098	.00536	.00176	.00228	.00015	.00014	.00749
#2	-.00004	.00094	.00016	.00129	.00002	.00005	.00647
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00014	.00051	.00038	.00012	-.00023	.01836	.70101
SDev	.00006	.00051	.00034	.00082	.01739	.01742	.60899
%RSD	40.880	98.814	89.755	684.89	7539.4	94.867	86.873
#1	.00010	.00087	.00061	.00070	.01207	.03067	1.1316
#2	.00019	.00015	.00014	-.00046	-.01253	.00604	.27039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00147	.00020	.00005	-.00215	.02198	.00034	.00037
SDev	.00278	.00012	.00096	.00116	.04424	.00058	.00027
%RSD	188.56	58.834	1769.6	54.071	201.25	168.17	72.502
#1	.00344	.00028	.00073	-.00133	.05326	.00075	.00056
#2	-.00049	.00012	-.00062	-.00298	-.00930	-.00006	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00275	-.00073	.00487	.01042	.00004	.00013	.00335
SDev	.00001	.00045	.00549	.01176	.00063	.00006	.00256
%RSD	.22844	62.178	112.85	112.85	1499.1	47.140	76.515
#1	.00274	-.00105	.00875	.01873	.00049	.00017	.00516
#2	.00275	-.00041	.00098	.00210	-.00040	.00009	.00154
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

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Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00048	.00064	.00061	.00025	.00204	.00310	.00001
SDev	.00074	.00031	.00036	.00059	.00179	.00089	.00127
%RSD	154.93	49.119	59.290	232.46	87.601	28.585	15003.
#1	.00100	.00086	.00036	.00067	.00078	.00372	-.00089
#2	-.00005	.00041	.00087	-.00016	.00331	.00247	.00090
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	-.00110
SDev	.00005
%RSD	4.2264
#1	-.00113
#2	-.00106
Errors	NOCHECK
High	
Low	

000417

Analysis Report 09/25/99 00:03:25 AM page 1

Method: WENSNEW Sample Name: 992545T-008 Operator: LMT
Run Time: 09/24/99 23:57:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00267	.03819	-.00186	.00697	.00147	-.00002	.78557
SDev	.00507	.01219	.00388	.00200	.00041	.00012	.00458
%RSD	189.84	31.925	208.17	28.642	27.923	601.50	.58261
#1	L-.00626	.02957	-.00460	.00556	.00118	-.00010	.78233
#2	.00091	.04681	.00088	.00838	.00175	.00006	.78880
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00006	-.00086	.00072	-.00035	.07208	.10082	L-1.4661
SDev	.00038	.00144	.00146	.00247	.00397	.07031	3.4075
%RSD	595.76	167.09	202.14	703.01	5.5087	69.740	232.42
#1	-.00020	-.00188	-.00031	L-.00209	.06927	.05110	L-3.8756
#2	.00033	.00016	.00176	.00139	.07489	.15053	.94336
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.06386	.00178	-.00116	1.7117	1.4871	-.00014	.00177
SDev	.00452	.00000	.00306	.0103	.6265	.00172	.00064
%RSD	7.0711	.00324	263.28	.60436	42.129	1265.4	35.825
#1	.06067	.00178	L-.00333	1.7044	1.0441	-.00135	.00222
#2	.06705	.00178	.00100	1.7191	1.9302	.00108	.00132
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00064	-.00013	.24620	.52690	.00029	.00392	-.00065
SDev	.00016	.00006	.01057	.02262	.00229	.00014	.00107
%RSD	25.807	46.374	4.2932	4.2932	798.61	3.4823	163.95
#1	-.00076	-.00018	.23873	.51090	-.00133	.00382	-.00141
#2	-.00052	-.00009	.25368	.54289	.00190	.00402	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00060	.05034	-.00702	.00617	.01535	-.00862	-.01601
SDev	.00148	.00104	.01486	.00837	.02169	.01108	.01601
%RSD	246.18	2.0630	211.59	135.77	141.34	128.51	99.977
#1	-.00165	.04961	-.01753	.01209	.03069	-.01645	-.02733
#2	.00045	.05108	.00349	.00025	.00001	-.00079	-.00469
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00779
SDev	.00790
%RSD	101.36
#1	.01338
#2	.00221
Errors	NOCHECK
High	
Low	

000419

Analysis Report 09/25/99 00:09:24 AM page 1

Method: WENSNEW Sample Name: 992545T-009 Operator: LMT
Run Time: 09/25/99 00:03:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00096	.03590	.00062	.00832	.00064	.00004	.14402
SDev	.00085	.00081	.00043	.00105	.00001	.00002	.00060
%RSD	88.158	2.2595	68.593	12.676	2.0489	37.912	.41816
#1	-.00156	.03533	.00032	.00757	.00063	.00003	.14359
#2	-.00036	.03647	.00092	.00907	.00065	.00005	.14444
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00008	.00005	.00142	-.00047	.05404	.05701	.10215
SDev	.00009	.00059	.00014	.00027	.00430	.00583	.65714
%RSD	114.77	1237.7	10.051	56.681	7.9665	10.223	643.33
#1	.00001	-.00037	.00132	-.00066	.05099	.05289	L-.36252
#2	.00014	.00047	.00153	-.00028	.05708	.06114	.56682
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.03918	.00166	.00000	1.2091	1.2014	.00210	.00124
SDev	.00052	.00002	.00042	.0007	.1315	.00001	.00051
%RSD	1.3300	1.3977	81530.	.05942	10.947	.35960	41.034
#1	.03881	.00164	-.00030	1.2096	1.1084	.00210	.00159
#2	.03954	.00168	.00030	1.2086	1.2944	.00209	.00088
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00207	.00037	.24510	.52453	-.00044	.00081	.00159
SDev	.00176	.00376	.00045	.00097	.00067	.00003	.00242
%RSD	85.188	1011.3	.18444	.18442	152.30	3.7463	151.98
#1	.00332	.00303	.24542	.52522	-.00091	.00079	-.00012
#2	.00082	-.00229	.24478	.52385	.00003	.00083	.00330
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00025	.00734	-.00248	.00309	.00732	-.00055	-.01095
SDev	.00059	.00032	.00104	.00128	.00165	.00182	.00001
%RSD	237.76	4.3097	42.082	41.454	22.577	331.39	.11629
#1	-.00017	.00712	-.00322	.00400	.00848	.00074	-.01095
#2	.00066	.00756	-.00174	.00218	.00615	-.00184	-.01094
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00602
SDev	.00565
%RSD	93.810
#1	.01002
#2	.00203
Errors	NOCHECK
High	
Low	

000421

Analysis Report 09/25/99 00:15:24 AM page 1

Method: WENSNEW Sample Name: 992545T-010 Operator: LMT
Run Time: 09/25/99 00:09:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00022	.12700	.00166	.00951	.00485	.00007	.54847
SDev	.00010	.00230	.00048	.00176	.00018	.00001	.00145
%RSD	45.093	1.8110	28.905	18.473	3.8075	18.325	.26352
#1	-.00015	.12863	.00199	.01075	.00498	.00008	.54949
#2	-.00029	.12538	.00132	.00827	.00472	.00006	.54744
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00018	.00025	.00197	.00402	.18117	.50153	1.0095
SDev	.00005	.00020	.00052	.00033	.00357	.01504	.4560
%RSD	29.330	81.097	26.497	8.1848	1.9701	2.9995	45.176
#1	.00022	.00039	.00234	.00425	.18369	.51217	1.3319
#2	.00015	.00011	.00160	.00379	.17864	.49089	.68699
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.10672	.00488	.00041	1.8244	1.9192	.00332	.00294
SDev	.00052	.00002	.00115	.0139	.0251	.00078	.00148
%RSD	.48823	.47716	281.61	.76065	1.3083	23.529	50.511
#1	.10635	.00487	.00122	1.8342	1.9369	.00388	.00189
#2	.10709	.00490	-.00040	1.8146	1.9014	.00277	.00399
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00290	-.00114	.42629	.91221	.00234	.00298	.00064
SDev	.00104	.00222	.00205	.00454	.00134	.00001	.00046
%RSD	35.856	194.45	.48122	.49759	56.976	.38187	72.020
#1	.00364	.00043	.42774	.91542	.00329	.00299	.00097
#2	.00217	-.00271	.42484	.90900	.00140	.00297	.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00037	.02884	-.00007	.00444	.00474	.00199	-.00796
SDev	.00031	.00024	.00121	.00162	.00121	.00096	.00585
%RSD	83.807	.83021	1787.7	36.459	25.563	48.110	73.512
#1	.00059	.02901	-.00093	.00329	.00560	.00266	-.00382
#2	.00015	.02867	.00079	.00558	.00388	.00131	-.01210
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00227
SDev	.00040
%RSD	17.688
#1	.00255
#2	.00198
Errors	NOCHECK
High	
Low	

030423

C00424

Analysis Report 09/25/99 00:21:23 AM page 1

Method: WENSNEW Sample Name: 992545T-011 Operator: LMT
Run Time: 09/25/99 00:15:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00066	.11405	-.00091	.00977	.00306	.00012	.38827
SDev	.00034	.00049	.00048	.00070	.00011	.00003	.00205
%RSD	51.655	.43273	52.795	7.1919	3.4493	25.653	.52734
#1	.00042	.11440	-.00057	.00927	.00299	.00014	.38682
#2	.00091	.11370	-.00125	.01026	.00314	.00010	.38972
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00025	.00035	.00228	.00102	.16919	.17381	.56882
SDev	.00013	.00003	.00024	.00019	.00154	.00481	.37106
%RSD	54.852	9.4791	10.768	18.311	.91280	2.7701	65.233
#1	.00034	.00032	.00211	.00089	.17028	.17722	.30644
#2	.00015	.00037	.00245	.00116	.16809	.17041	.83120
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.10365	.00644	.00079	2.2209	2.4670	.00142	.00315
SDev	.00035	.00001	.00092	.0103	.0371	.00082	.00038
%RSD	.33512	.18047	116.80	.46167	1.5024	57.653	12.168
#1	.10390	.00645	.00143	2.2137	2.4408	.00200	.00342
#2	.10341	.00643	.00014	2.2282	2.4932	.00084	.00288
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00094	.00075	.40062	.85717	.00107	.00190	-.00056
SDev	.00027	.00032	.00163	.00350	.00018	.00002	.00168
%RSD	28.905	42.318	.40792	.40801	16.703	.99733	300.46
#1	.00075	.00098	.39947	.85470	.00094	.00189	-.00175
#2	.00114	.00053	.40178	.85964	.00120	.00191	.00063
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00052	.01298	.00492	.00227	-.00240	.00261	-.00175
SDev	.00028	.00017	.00102	.00108	.00066	.00074	.00571
%RSD	52.780	1.3457	20.651	47.750	27.598	28.306	326.61
#1	.00033	.01286	.00420	.00303	-.00193	.00209	-.00578
#2	.00072	.01311	.00564	.00150	-.00287	.00313	.00229
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00200
SDev	.00333
%RSD	166.43
#1	.00435
#2	-.00035
Errors	NOCHECK
High	
Low	

000425

C30426

Analysis Report 09/25/99 00:27:22 AM page 1

Method: WENSNEW Sample Name: 992545T-012 Operator: LMT
Run Time: 09/25/99 00:21:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00036	.16573	.00113	.00875	.00400	.00011	.30285
SDev	.00006	.00067	.00162	.00061	.00007	.00001	.00024
%RSD	15.361	.40509	142.41	7.0265	1.6483	10.673	.07953
#1	-.00032	.16525	.00228	.00918	.00396	.00011	.30302
#2	-.00040	.16620	-.00001	.00831	.00405	.00010	.30268
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00026	.00031	.00217	.00140	.21961	.17932	.97941
SDev	.00011	.00009	.00013	.00020	.00206	.00224	.25493
%RSD	43.763	27.396	6.1222	14.010	.93783	1.2462	26.028
#1	.00034	.00037	.00208	.00153	.21815	.17774	.79915
#2	.00018	.00025	.00226	.00126	.22107	.18090	1.1597
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.08928	.00533	.00035	.93091	1.0002	.00113	.00511
SDev	.00087	.00002	.00076	.00009	.0191	.00035	.00051
%RSD	.97264	.43704	216.26	.00952	1.9127	31.251	9.9972
#1	.08867	.00534	.00089	.93085	.98664	.00138	.00548
#2	.08990	.00531	-.00019	.93097	1.0137	.00088	.00475
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00161	.00008	.49481	1.0590	.00103	.00194	.00031
SDev	.00062	.00042	.00083	.0018	.00081	.00001	.00076
%RSD	38.606	555.80	.16864	.16863	78.825	.58519	245.91
#1	.00205	-.00022	.49422	1.0577	.00160	.00194	.00085
#2	.00117	.00037	.49540	1.0602	.00046	.00195	-.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00085	.01065	.00385	.00574	.00533	-.00025	-.00635
SDev	.00006	.00010	.00170	.00008	.00054	.00120	.00309
%RSD	7.3121	.92927	44.112	1.4272	10.092	481.58	48.738
#1	.00090	.01058	.00505	.00569	.00495	.00060	-.00416
#2	.00081	.01072	.00265	.00580	.00571	-.00110	-.00853
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00328
SDev	.00218
%RSD	66.295
#1	.00174
#2	.00482
Errors	NOCHECK
High	
Low	

000427

Method: WENSNEW Sample Name: 992545T-013 Operator: LMT
Run Time: 09/25/99 00:27:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00018	.04016	.00082	.00778	.00139	.00011	.39347
SDev	.00063	.00198	.00098	.00077	.00001	.00002	.00145
%RSD	340.71	4.9400	119.40	9.9047	.94900	20.752	.36733
#1	.00026	.04156	.00151	.00832	.00140	.00013	.39449
#2	-.00063	.03875	.00013	.00723	.00138	.00009	.39244
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00028	-.00008	.00186	.00177	.07200	.13353	.70902
SDev	.00025	.00027	.00029	.00028	.00870	.01525	.34273
%RSD	87.644	321.19	15.405	15.656	12.078	11.421	48.339
#1	.00046	.00011	.00206	.00196	.07815	.14431	.95137
#2	.00011	-.00027	.00166	.00157	.06586	.12274	.46667
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.05269	.00238	-.00065	1.0739	1.0695	.00103	.00140
SDev	.00400	.00007	.00019	.0067	.0741	.00025	.00163
%RSD	7.5820	2.9231	29.483	.62173	6.9313	24.197	116.40
#1	.05551	.00243	-.00078	1.0786	1.1219	.00121	.00025
#2	.04986	.00234	-.00051	1.0692	1.0171	.00085	.00255
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00244	-.00100	.25680	.54958	.00060	.00135	.00079
SDev	.00032	.00114	.00087	.00186	.00111	.00003	.00178
%RSD	13.332	113.42	.33845	.33848	185.24	1.9603	225.23
#1	.00267	-.00180	.25741	.55089	.00138	.00137	.00205
#2	.00221	-.00020	.25618	.54826	-.00019	.00134	-.00047
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

000428

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00053	.01094	.00012	.00203	.00795	-.00032	-.00991
SDev	.00019	.00005	.00196	.00146	.00194	.00048	.00049
%RSD	34.963	.42662	1639.6	71.657	24.382	152.06	4.9787
#1	.00066	.01098	-.00127	.00100	.00932	-.00066	-.00956
#2	.00040	.01091	.00151	.00307	.00658	.00002	-.01026
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00344
SDev	.00195
%RSD	56.556
#1	.00207
#2	.00482
Errors	NOCHECK
High	
Low	

00429

Analysis Report 09/25/99 00:39:16 AM page 1

Method: WENSNEW Sample Name: 992545T-014 Operator: LMT
Run Time: 09/25/99 00:33:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00016	.04654	.00120	.00753	.00130	.00013	.22952
SDev	.00030	.00033	.00103	.00033	.00007	.00003	.00012
%RSD	190.68	.71148	85.542	4.3978	5.0872	25.963	.05248
#1	.00037	.04631	.00193	.00776	.00134	.00015	.22944
#2	-.00005	.04678	.00047	.00729	.00125	.00011	.22961
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00011	-.00001	.00101	.00203	.07219	.18927	.32246
SDev	.00015	.00027	.00014	.00040	.00490	.00664	.07931
%RSD	136.21	2197.5	14.234	19.757	6.7835	3.5054	24.595
#1	.00021	-.00020	.00090	.00231	.07565	.19396	.26638
#2	.00000	.00018	.00111	.00175	.06872	.18458	.37855
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.05158	.00167	-.00043	1.0577	1.1481	.00059	.00204
SDev	.00278	.00001	.00019	.0025	.0179	.00054	.00078
%RSD	5.3875	.70003	44.261	.23206	1.5621	90.578	38.024
#1	.04961	.00166	-.00057	1.0560	1.1608	.00021	.00149
#2	.05354	.00168	-.00030	1.0595	1.1354	.00097	.00259
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00108	-.00019	.25741	.55089	.00042	.00124	-.00102
SDev	.00088	.00185	.00014	.00030	.00172	.00000	.00126
%RSD	81.125	998.47	.05401	.05403	407.29	.30677	123.22
#1	.00170	-.00149	.25751	.55110	.00164	.00123	-.00013
#2	.00046	.00112	.25731	.55068	-.00079	.00124	-.00191
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00001	.00957	.00285	.00164	.00204	.00060	-.00328
SDev	.00018	.00020	.00151	.00192	.00082	.00172	.00005
%RSD	2789.5	2.0599	53.138	116.94	40.351	285.44	1.6508
#1	.00014	.00971	.00392	.00028	.00145	.00182	-.00324
#2	-.00012	.00943	.00178	.00300	.00262	-.00062	-.00332
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00136
SDev	.00280
%RSD	205.99
#1	-.00062
#2	.00334
Errors	NOCHECK
High	
Low	

C00431

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Method: WENSNEW Sample Name: 992545T-015 Operator: LMT
Run Time: 09/25/99 00:39:21
Comment:
Mode: CONC Corr. factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00001	.05932	.00060	.00657	.00104	.00014	.15142
SDev	.00021	.00214	.00060	.00126	.00012	.00004	.00000
%RSD	1554.8	3.6070	100.93	19.103	11.466	27.594	.00000
#1	.00016	.05781	.00017	.00568	.00095	.00017	.15142
#2	-.00014	.06083	.00102	.00746	.00112	.00011	.15142
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00008	.00024	.00162	.00001	.08141	.05706	.37454
SDev	.00010	.00019	.00068	.00001	.01383	.04557	.39089
%RSD	123.42	77.946	42.283	60.905	16.986	79.855	104.36
#1	.00001	.00011	.00114	.00002	.07163	.02484	L.09814
#2	.00015	.00037	.00210	.00001	.09119	.08928	.65094
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.04114	.00191	-.00024	1.2662	1.3434	.00071	.00174
SDev	.00087	.00005	.00023	.0006	.0359	.00008	.00037
%RSD	2.1108	2.4318	94.609	.04462	2.6700	10.975	21.467
#1	.04053	.00187	-.00040	1.2658	1.3688	.00076	.00200
#2	.04176	.00194	-.00008	1.2666	1.3181	.00065	.00147
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Ti1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00162	.00167	.29021	.62108	-.00003	.00112	.00129
SDev	.00020	.00215	.00076	.00164	.00020	.00003	.00243
%RSD	12.468	129.18	.26352	.26357	801.39	2.3740	188.08
#1	-.00176	.00014	.28967	.61992	.00012	.00110	-.00043
#2	-.00148	.00319	.29075	.62224	-.00017	.00114	.00301
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

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Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00058	.00812	-.00097	.00309	.00474	-.00480	-.00909
SDev	.00056	.00000	.00267	.00077	.00191	.00065	.00120
%RSD	96.649	.01092	274.66	24.992	40.265	13.551	13.205
#1	.00018	.00812	.00091	.00254	.00339	-.00434	-.00824
#2	.00097	.00812	-.00285	.00363	.00609	-.00526	-.00993
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00704
SDev	.00383
%RSD	54.411
#1	.00433
#2	.00974
Errors	NOCHECK
High	
Low	

C00433

Method: WENSNEW Sample Name: 992545T-016 Operator: LMT
Run Time: 09/25/99 00:45:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00014	.01644	.00104	.00861	.00048	.00014	.19546
SDev	.00010	.00049	.00139	.00006	.00007	.00002	.00084
%RSD	69.713	2.9849	133.77	.73613	13.865	16.263	.43134
#1	.00007	.01609	.00202	.00857	.00043	.00012	.19486
#2	.00021	.01679	.00006	.00865	.00052	.00016	.19605
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00023	-.00002	.00132	.00033	.02920	.12737	.61288
SDev	.00014	.00015	.00031	.00042	.01179	.01497	.16712
%RSD	61.134	640.18	23.181	127.51	40.376	11.756	27.268
#1	.00013	.00008	.00111	.00003	.03753	.11678	.73105
#2	.00032	-.00013	.00154	.00062	.02086	.13796	.49471
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.05354	.00094	.00014	1.2477	1.4373	.00037	.00129
SDev	.00069	.00007	.00031	.0056	.0729	.00001	.00072
%RSD	1.2974	7.4333	225.77	.45038	5.0745	3.5041	56.047
#1	.05305	.00099	-.00008	1.2437	1.3857	.00037	.00180
#2	.05404	.00089	.00035	1.2517	1.4888	.00036	.00078
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00073	-.00168	.21739	.46523	.00070	.00129	-.00030
SDev	.00036	.00174	.00146	.00313	.00047	.00002	.00006
%RSD	48.953	103.03	.67182	.67177	66.451	1.1736	21.345
#1	-.00047	-.00291	.21636	.46302	.00037	.00128	-.00035
#2	-.00098	-.00046	.21842	.46744	.00103	.00130	-.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C00434

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00048	.00921	.00287	.00050	.00031	-.00124	-.00596
SDev	.00018	.00007	.00197	.00206	.00495	.00194	.00024
%RSD	38.093	.80585	68.639	412.44	1601.5	155.98	4.0372
#1	.00035	.00916	.00147	.00196	.00381	-.00261	-.00579
#2	.00061	.00926	.00426	-.00096	-.00319	.00013	-.00613
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00045
SDev	.00272
%RSD	607.55
#1	-.00148
#2	.00237
Errors	NOCHECK
High	
Low	

C00435

Analysis Report 09/25/99 00:57:09 AM page 1

Method: WENSNEW Sample Name: 992545T-017 Operator: LMT
Run Time: 09/25/99 00:51:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00031	.04453	.00143	.00753	.00161	.00012	.24340
SDev	.00040	.00017	.00011	.00099	.00001	.00003	.00096
%RSD	130.17	.38108	7.9365	13.135	.81727	26.191	.39586
#1	.00059	.04465	.00151	.00683	.00162	.00014	.24272
#2	.00002	.04441	.00135	.00823	.00161	.00010	.24408
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00026	-.00016	.00148	.00170	.07346	.18085	.38455
SDev	.00009	.00044	.00015	.00030	.00304	.06370	.57500
%RSD	34.006	282.58	10.395	17.852	4.1413	35.222	149.52
#1	.00033	.00015	.00137	.00148	.07561	.13581	.79114
#2	.00020	-.00047	.00158	.00191	.07131	.22589	L-.02203
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.06791	.00245	-.00022	1.3545	1.4635	.00100	.00075
SDev	.00191	.00002	.00011	.0020	.1124	.00020	.00083
%RSD	2.8131	.95057	53.177	.14827	7.6797	19.620	109.74
#1	.06656	.00243	-.00030	1.3531	1.3840	.00086	.00017
#2	.06926	.00247	-.00013	1.3559	1.5429	.00114	.00134
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00259	.00027	.27428	.58699	.00097	.00153	-.00089
SDev	.00017	.00046	.00111	.00238	.00023	.00000	.00025
%RSD	6.7165	170.22	.40567	.40565	23.365	.24768	27.544
#1	.00247	.00060	.27349	.58530	.00113	.00153	-.00072
#2	.00271	-.00006	.27507	.58867	.00081	.00153	-.00107
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00058	.00796	.00132	.00047	.00247	.00265	-.00205
SDev	.00018	.00027	.00038	.00105	.00317	.00184	.00168
%RSD	32.123	3.3735	28.854	222.19	128.35	69.554	81.839
#1	.00044	.00815	.00105	-.00027	.00471	.00135	-.00086
#2	.00071	.00777	.00158	.00122	.00023	.00395	-.00324
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00143
SDev	.00015
%RSD	10.446
#1	.00132
#2	.00154
Errors	NOCHECK
High	
Low	

C00437

Analysis Report QC Standard 09/25/99 01:03:05 AM page 1

Method: WENSNEW Sample Name: CCV 990924III Operator: LMT
Run Time: 09/25/99 00:57:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.48248	9.7474	2.5576	2.6619	5.0149	2.6161	10.542
SDev	.00098	.0223	.0067	.0029	.0152	.0025	.026
%RSD	.20282	.22927	.26203	.10976	.30290	.09456	.25134
#1	.48317	9.7632	2.5624	2.6640	5.0257	2.6178	10.561
#2	.48179	9.7316	2.5529	2.6599	5.0042	2.6143	10.524
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	
Range	10.000	10.000	10.000	10.000	10.000	10.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.99639	2.5336	2.5837	2.4070	5.2047	10.468	10.393
SDev	.00140	.0051	.0051	.0059	.0085	.029	.329
%RSD	.14043	.20194	.19707	.24565	.16264	.27421	3.1615
#1	.99738	2.5372	2.5873	2.4112	5.2107	10.488	10.161
#2	.99540	2.5300	2.5801	2.4028	5.1988	10.448	10.625
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	10.763	5.0285	2.4365	9.0842	9.9442	2.4633	.96296
SDev	.016	.0126	.0037	.0223	.0418	.0018	.00219
%RSD	.14523	.25147	.15222	.24568	.42082	.07394	.22741
#1	10.774	5.0375	2.4391	9.1000	9.9738	2.4646	.96451
#2	10.751	5.0196	2.4339	9.0684	9.9146	2.4620	.96142
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5413	2.6126	24.444	52.311	2.5363	4.8959	2.3412
SDev	.0002	.0020	.016	.035	.0081	.0117	.0005
%RSD	.00877	.07470	.06714	.06643	.32006	.23884	.01979
#1	2.5414	2.6140	24.456	52.336	2.5420	4.9042	2.3416
#2	2.5411	2.6112	24.433	52.286	2.5305	4.8876	2.3409
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4828	2.4193	.97694	.95598	2.5367	2.5436	2.6236
SDev	.0060	.0048	.00244	.00206	.0073	.0033	.0065
%RSD	.24237	.19695	.25004	.21587	.28960	.13106	.24615
#1	2.4870	2.4227	.97867	.95744	2.5419	2.5412	2.6281
#2	2.4785	2.4159	.97522	.95453	2.5315	2.5459	2.6190
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.5000					
Range	10.000	10.000					

Elem	Se_2nd
Units	mg/L
Avge	2.6071
SDev	.0003
%RSD	.01144
#1	2.6069
#2	2.6074
Errors	NOCHECK
Value	
Range	

C30439

Analysis Report Blank Sample 09/25/99 01:09:01 AM page 1

Method: WENSNEW Sample Name: CCB 990924BBB Operator: LMT
Run Time: 09/25/99 01:03:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00009	.00315	.00020	.00169	.00009	.00006	.00622
SDev	.00028	.00217	.00055	.00132	.00003	.00007	.00012
%RSD	304.78	68.703	267.42	77.847	28.286	105.75	1.9373
#1	.00029	.00162	.00059	.00263	.00007	.00011	.00630
#2	-.00011	.00468	-.00018	.00076	.00011	.00002	.00613
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00030	.00007	.00028	.00032	.00561	.00686	.23634
SDev	.00017	.00025	.00037	.00056	.00408	.00111	.02549
%RSD	58.798	354.60	130.51	178.06	72.698	16.124	10.786
#1	.00042	.00025	.00002	.00071	.00850	.00608	.25437
#2	.00017	-.00011	.00054	-.00008	.00273	.00764	.21831
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00344	.00013	-.00022	-.00081	-.09215	.00032	.00053
SDev	.00035	.00007	.00034	.00039	.01435	.00040	.00075
%RSD	10.102	53.023	159.11	48.243	15.569	125.11	139.87
#1	.00319	.00018	.00003	-.00054	-.08201	.00060	.00001
#2	.00368	.00008	-.00046	-.00109	-.10230	.00004	.00106
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00185	.00128	.00253	.00542	.00180	.00009	.00155
SDev	.00082	.00216	.00240	.00513	.00024	.00002	.00036
%RSD	44.104	168.63	94.739	94.739	13.217	26.517	23.142
#1	.00243	.00281	.00423	.00905	.00164	.00010	.00130
#2	.00127	-.00025	.00084	.00179	.00197	.00007	.00181
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

CCC440

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00044	.00051	-.00030	.00095	.00447	.00054	-.00122
SDev	.00043	.00010	.00039	.00092	.00197	.00221	.00604
%RSD	99.037	19.389	132.97	97.190	44.016	408.55	496.45
#1	.00074	.00044	-.00058	.00030	.00308	.00210	.00305
#2	.00013	.00059	-.00002	.00160	.00586	-.00102	-.00549
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00253
SDev	.00023
%RSD	8.9306
#1	.00269
#2	.00237
Errors	NOCHECK
High	
Low	

000441

Analysis Report 09/25/99 01:14:58 AM page 1

Method: WENSNEW Sample Name: 992545T-018 Operator: LMT
Run Time: 09/25/99 01:09:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00025	.16676	.00182	.00905	.00379	.00007	.40871
SDev	.00013	.00116	.00063	.00055	.00011	.00003	.00084
%RSD	54.023	.69296	34.827	6.0747	2.7866	42.539	.20628
#1	.00034	.16757	.00226	.00943	.00386	.00010	.40811
#2	.00015	.16594	.00137	.00866	.00371	.00005	.40931
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00026	.00011	.00161	.00158	.22235	.29224	.55280
SDev	.00006	.00020	.00035	.00017	.00588	.01334	1.0339
%RSD	21.032	188.75	21.533	10.706	2.6456	4.5643	187.02
#1	.00022	.00025	.00186	.00170	.22651	.30167	1.2838
#2	.00030	-.00004	.00137	.00146	.21819	.28281	L-.17826
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.12490	.00661	.00019	1.7227	1.8575	.00059	.00396
SDev	.00087	.00002	.00076	.0028	.0359	.00014	.00007
%RSD	.69530	.35106	399.53	.16094	1.9311	23.104	1.9030
#1	.12551	.00663	.00073	1.7208	1.8828	.00069	.00391
#2	.12428	.00660	-.00035	1.7247	1.8321	.00050	.00401
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00180	.00130	.49144	1.0517	.00053	.00259	-.00164
SDev	.00313	.00196	.00087	.0019	.00011	.00003	.00071
%RSD	173.55	150.97	.17689	.17688	20.203	1.1736	43.137
#1	.00402	.00268	.49083	1.0504	.00061	.00261	-.00114
#2	-.00041	-.00009	.49206	1.0531	.00046	.00256	-.00214
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00059	.01744	.00670	.00259	.00004	.00268	-.00264
SDev	.00018	.00010	.00090	.00056	.00034	.00452	.00308
%RSD	30.845	.55163	13.489	21.749	845.71	168.57	116.68
#1	.00046	.01751	.00734	.00219	.00028	.00588	-.00046
#2	.00072	.01737	.00606	.00299	-.00020	-.00052	-.00482
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00326
SDev	.00140
%RSD	42.926
#1	.00426
#2	.00227
Errors	NOCHECK
High	
Low	

C00443

Analysis Report 09/25/99 01:20:56 AM page 1

Method: WENSNEW Sample Name: 992545T-019 Operator: LMT
Run Time: 09/25/99 01:15:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00007	.01818	.00007	.00971	.00106	.00010	.28139
SDev	.00045	.00033	.00045	.00066	.00000	.00001	.00072
%RSD	612.31	1.8288	612.44	6.7738	.00019	11.407	.25682
#1	.00039	.01842	-.00024	.01017	.00106	.00009	.28190
#2	-.00024	.01795	.00039	.00924	.00106	.00011	.28088
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00003	.00002	.00101	.00060	.02702	.08397	.36052
SDev	.00005	.00029	.00001	.00014	.00259	.00802	.19544
%RSD	154.99	1195.2	1.0099	23.802	9.5808	9.5470	54.212
#1	.00006	.00023	.00101	.00050	.02519	.08964	.49872
#2	-.00000	-.00018	.00102	.00070	.02885	.07831	.22232
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.07995	.00078	.00014	1.1834	1.3164	.00065	.00042
SDev	.00087	.00001	.00008	.0035	.0670	.00020	.00039
%RSD	1.0862	1.4926	56.465	.29821	5.0864	31.363	92.834
#1	.08056	.00079	.00008	1.1859	1.2690	.00051	.00069
#2	.07933	.00077	.00019	1.1809	1.3637	.00079	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00183	-.00209	.24114	.51606	.00173	.00179	.00059
SDev	.00334	.00118	.00410	.00878	.00073	.00000	.00096
%RSD	182.61	56.205	1.7015	1.7014	42.081	.00000	161.71
#1	-.00053	-.00292	.24404	.52227	.00224	.00179	.00127
#2	.00419	-.00126	.23824	.50985	.00121	.00179	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C00441

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00013	.00649	-.00073	.00099	.00360	.00094	-.00775
SDev	.00006	.00002	.00028	.00044	.00302	.00349	.00163
%RSD	48.950	.35623	38.475	44.293	84.037	370.17	20.990
#1	-.00017	.00647	-.00053	.00130	.00146	-.00153	-.00660
#2	-.00008	.00650	-.00093	.00068	.00574	.00342	-.00890
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00073
SDev	.00258
%RSD	352.58
#1	-.00109
#2	.00255
Errors	NOCHECK
High	
Low	

C00445

Analysis Report 09/25/99 01:26:55 AM page 1

Method: WENSNEW Sample Name: 992545T-019 MS Operator: LMT
Run Time: 09/25/99 01:21:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04179	1.7224	1.6202	.93874	1.6881	.04481	9.3645
SDev	.00121	.0005	.0031	.00222	.0016	.00008	.0000
%RSD	2.9055	.03032	.18978	.23686	.09381	.18249	.00000
#1	.04265	1.7220	1.6180	.93717	1.6892	.04486	9.3645
#2	.04093	1.7228	1.6224	.94031	1.6870	.04475	9.3645
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.04294	.42446	.17607	.20406	.89860	7.1842	6.7097
SDev	.00011	.00069	.00008	.00036	.00994	.0057	.6373
%RSD	.25403	.16317	.04648	.17452	1.1060	.07953	9.4985
#1	.04302	.42495	.17612	.20431	.90563	7.1801	7.1603
#2	.04286	.42397	.17601	.20381	.89157	7.1882	6.2590
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	9.2489	.42590	.86501	8.6089	9.2890	.40896	.41416
SDev	.0012	.00007	.00084	.0095	.1722	.00009	.00019
%RSD	.01315	.01637	.09726	.11044	1.8535	.02076	.04703
#1	9.2480	.42595	.86561	8.6021	9.4107	.40890	.41402
#2	9.2498	.42585	.86442	8.6156	9.1672	.40902	.41430
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.43773	1.7106	4.4633	9.5517	.88815	.85757	1.6233
SDev	.00043	.0009	.0032	.0065	.00154	.00036	.0073
%RSD	.09860	.05521	.07245	.06778	.17313	.04202	.45031
#1	.43742	1.7099	4.4610	9.5471	.88924	.85783	1.6181
#2	.43803	1.7113	4.4656	9.5563	.88707	.85732	1.6285
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	420.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.42929	.41982	.41975	.41137	.42923	.44197	1.7107
SDev	.00083	.00007	.00024	.00041	.00120	.00005	.0033
%RSD	.19431	.01752	.05708	.10006	.27954	.01086	.19404
#1	.42988	.41977	.41992	.41107	.42839	.44193	1.7131
#2	.42870	.41988	.41959	.41166	.43008	.44200	1.7084
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	1.7105
SDev	.0031
%RSD	.17966
#1	1.7083
#2	1.7127
Errors	NOCHECK
High	
Low	

C30417

Analysis Report 09/25/99 01:32:53 AM page 1

Method: WENSNEW Sample Name: 992545T-019 MSD Operator: LMT
Run Time: 09/25/99 01:27:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04944	2.0907	1.9768	1.1373	2.0501	.05475	11.418
SDev	.00009	.0090	.0079	.0056	.0055	.00016	.027
%RSD	.18732	.43259	.39867	.48838	.26908	.29553	.23417
#1	.04937	2.0843	1.9713	1.1333	2.0462	.05463	11.399
#2	.04951	2.0970	1.9824	1.1412	2.0540	.05486	11.437
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.05246	.51830	.21443	.24902	1.1116	8.7966	8.1918
SDev	.00021	.00204	.00083	.00110	.0024	.0004	.0651
%RSD	.39951	.39436	.38628	.43956	.21333	.00445	.79527
#1	.05231	.51685	.21384	.24825	1.1100	8.7969	8.2379
#2	.05260	.51974	.21501	.24980	1.1133	8.7964	8.1457
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	11.291	.51815	1.0573	10.636	11.313	.49887	.50559
SDev	.039	.00172	.0024	.012	.074	.00110	.00115
%RSD	.34146	.33229	.23146	.11212	.65527	.22123	.22732
#1	11.264	.51693	1.0556	10.627	11.365	.49809	.50478
#2	11.319	.51936	1.0590	10.644	11.261	.49965	.50640
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.53091	2.0779	5.4342	11.629	1.0843	1.0406	1.9793
SDev	.00081	.0059	.0156	.033	.0036	.0023	.0149
%RSD	.15325	.28586	.28792	.28666	.33090	.21944	.75526
#1	.53034	2.0737	5.4232	11.606	1.0818	1.0389	1.9688
#2	.53149	2.0821	5.4453	11.653	1.0868	1.0422	1.9899
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C00448

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.52510	.51046	.51019	.50329	.53068	.53103	2.0744
SDev	.00142	.00141	.00173	.00086	.00149	.00048	.0027
%RSD	.27072	.27567	.34001	.17028	.27994	.09004	.12999
#1	.52410	.50947	.50896	.50269	.52963	.53069	2.0763
#2	.52611	.51146	.51142	.50390	.53173	.53137	2.0725
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	2.0796
SDev	.0103
%RSD	.49293
#1	2.0724
#2	2.0869
Errors	NOCHECK
High	
Low	

000449

C90450

Analysis Report 09/25/99 01:38:52 AM page 1

Method: WENSNEW Sample Name: 992545T-020 Operator: LMT
Run Time: 09/25/99 01:32:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00054	.05793	.00150	.00981	.00365	.00012	.4622B
SDev	.00024	.00066	.00127	.00083	.00007	.00003	.00048
%RSD	45.188	1.1432	84.570	8.4984	1.8084	26.279	.10422
#1	.00071	.05746	.00240	.01039	.00370	.00014	.46262
#2	.00036	.05840	.00060	.00922	.00360	.00009	.46194
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	25.000	100.00	20.000	20.000	11.000	10.000	1000.0
Low	-.00500	-.03000	-.00500	-.01000	-.00100	-.00020	-.05000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00028	-.00005	.00108	.00147	.08235	.19530	.80316
SDev	.00003	.00022	.00022	.00057	.00181	.01027	.36256
%RSD	11.164	468.81	20.864	38.799	2.2017	5.2610	45.142
#1	.00026	.00011	.00124	.00187	.08106	.20256	.54679
#2	.00030	-.00020	.00092	.00107	.08363	.18803	1.0595
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	15.000	20.000	20.000	15.000	80.000	250.00	275.00
Low	-.00050	-.00200	-.00200	-.00200	-.03000	-.30000	.10000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.11962	.00579	.00087	1.5141	1.6376	.00083	.00405
SDev	.00139	.00000	.00034	.0025	.1196	.00026	.00020
%RSD	1.1616	.00037	39.739	.16211	7.3010	30.571	4.9295
#1	.11863	.00579	.00111	1.5158	1.7222	.00101	.00419
#2	.12060	.00579	.00062	1.5124	1.5531	.00065	.00391
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	275.00	20.000	20.000	110.00	500.00	25.000	20.000
Low	-.05000	-.00100	-.00200	-.10000	.10000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00030	-.00095	.27066	.57925	-.00011	.00294	.00079
SDev	.00036	.00093	.00136	.00290	.00039	.00003	.00213
%RSD	120.65	97.168	.50100	.50099	358.99	1.0323	270.67
#1	.00055	-.00030	.27162	.58130	-.00039	.00292	.00229
#2	.00004	-.00161	.26971	.57720	.00017	.00296	-.00072
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.000	15.000	200.00	428.00	20.000	20.000	10.000
Low	-.00500	-.00900	-.10000	-.10000	-.01000	-.00500	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00027	.01403	.00383	.00416	.00161	-.00036	-.00446
SDev	.00025	.00022	.00251	.00096	.00473	.00290	.00068
%RSD	90.200	1.5552	65.680	22.981	293.70	807.34	15.252
#1	.00010	.01418	.00561	.00348	-.00173	.00169	-.00398
#2	.00045	.01387	.00205	.00484	.00495	-.00241	-.00494
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	20.000	5.5000					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	.00080
SDev	.00105
%RSD	131.99
#1	.00154
#2	.00005
Errors	NOCHECK
High	
Low	

C00451

Analysis Report QC Standard 09/25/99 01:44:48 AM page 1

Method: WENSNEW Sample Name: ISA 990806L Operator: LMT
Run Time: 09/25/99 01:38:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00096	218.22	-.00001	.00521	.00054	.00016	260.03
SDev	.00277	.77	.00104	.00199	.00011	.00003	1.07
%RSD	288.29	.35169	14399.	38.136	19.505	18.965	.41085
#1	-.00292	218.76	-.00074	.00380	.00047	.00014	260.78
#2	.00100	217.68	.00073	.00661	.00062	.00018	259.27
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass
Value		250.00					250.00
Range		20.000					20.000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00022	-.00020	.00336	-.00090	93.781	-.00526	-1.0054
SDev	.00030	.00098	.00052	.00108	.333	.09307	1.4248
%RSD	136.57	479.79	15.506	119.77	.35541	1768.9	141.70
#1	.00001	-.00090	.00300	-.00166	94.016	-.07107	-2.0129
#2	.00044	.00049	.00373	-.00014	93.545	.06055	.00200
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK
Value					100.00		
Range					20.000		

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	246.79	.00240	-.00171	.02217	-.11075	.00062	-.00262
SDev	.82	.00007	.00172	.00028	.36587	.00090	.00109
%RSD	.33378	2.7678	100.31	1.2635	330.34	145.65	41.532
#1	247.38	.00245	-.00293	.02237	-.36946	-.00002	-.00185
#2	246.21	.00235	-.00050	.02197	.14795	.00126	-.00339
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	250.00						
Range	20.000						

Elem	Sb2068	Se1960	Si2881	Si02	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00808	.00119	-.00088	-.00015	-.00099	.01046	-.01276
SDev	.00380	.00080	.00571	.01221	.00144	.00001	.00131
%RSD	46.993	66.620	645.41	7966.6	146.26	.07251	10.287
#1	.00539	.00063	-.00492	-.00878	-.00201	.01047	-.01183
#2	.01076	.00176	.00315	.00848	.00003	.01045	-.01369
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

C00452

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00066	.01231	.08949	-.04861	.01081	.00671	.00085
SDev	.00126	.00039	.01165	.00745	.01795	.01465	.01074
%RSD	190.46	3.1819	13.016	15.321	166.08	218.25	1263.5
#1	-.00155	.01203	.08126	-.04334	.02350	-.00365	-.00675
#2	.00023	.01258	.09773	-.05388	-.00188	.01707	.00845
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value							
Range							

Elem	Se_2nd
Units	mg/L
Avge	.00136
SDev	.00417
%RSD	305.59
#1	.00431
#2	-.00158
Errors	NOCHECK
Value	
Range	

000453

Method: WENSNEW Sample Name: ISB 990806M Operator: LMT
Run Time: 09/25/99 01:44:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.98810	220.78	1.0097	1.0548	.47931	.52102	264.44
SDev	.00169	.61	.0031	.0009	.00081	.00016	.45
%RSD	.17150	.27480	.30598	.08150	.16796	.03102	.17016
#1	.98929	221.21	1.0119	1.0542	.47988	.52113	264.76
#2	.98690	220.36	1.0075	1.0554	.47874	.52090	264.12
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	250.00	1.0000	1.0000	.50000	.50000	251.00
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.95303	.46288	.48696	.46803	95.576	Q11.824	Q10.159
SDev	.00132	.00042	.00017	.00052	.094	.091	.671
%RSD	.13871	.09137	.03523	.11005	.09790	.76727	6.6082
#1	.95397	.46318	.48709	.46766	95.642	Q11.888	Q10.633
#2	.95210	.46258	.48684	.46839	95.510	Q11.760	Q9.6839
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Fail
Value	1.0000	.50000	.50000	.50000	100.00	50.000	50.000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	251.84	.47239	.96371	Q8.7737	Q9.5029	.89534	.91380
SDev	.38	.00074	.00080	.0458	.2953	.00063	.00139
%RSD	.15283	.15741	.08341	.52195	3.1077	.07024	.15263
#1	252.11	.47291	.96427	Q8.8061	Q9.7117	.89578	.91281
#2	251.57	.47186	.96314	Q8.7414	Q9.2940	.89490	.91479
Errors	QC Pass	QC Pass	QC Pass	QC Fail	QC Fail	QC Pass	QC Pass
Value	248.80	.50000	1.0000	51.000	51.000	1.0000	1.0000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0229	1.0316	2.1064	4.5095	.95840	.93090	.89147
SDev	.0009	.0002	.0018	.0036	.00399	.00167	.00107
%RSD	.08326	.01716	.08578	.07920	.41666	.17970	.11992
#1	1.0223	1.0317	2.1077	4.5120	.96122	.93208	.89072
#2	1.0235	1.0314	2.1051	4.5070	.95558	.92971	.89223
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	1.0000	1.0000	2.1400			1.0000	1.0000
Range	20.000	20.000	20.000			20.000	20.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

033454

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.47924	.96472	1.0219	.85982	1.0159	1.0264	1.0283
SDev	.00143	.00077	.0031	.00362	.0008	.0009	.0031
%RSD	.29809	.07959	.29928	.42078	.08178	.08400	.30107
#1	.48025	.96527	1.0241	.85726	1.0153	1.0258	1.0305
#2	.47823	.96418	1.0198	.86238	1.0165	1.0270	1.0261
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Range	20.000	20.000	20.000	20.000	20.000	20.000	20.000

Elem	Se_2nd
Units	mg/L
Avge	1.0332
SDev	.0013
%RSD	.12391
#1	1.0323
#2	1.0341
Errors	QC Pass
Value	1.0000
Range	20.000

000455

Analysis Report QC Standard 09/25/99 01:56:42 AM page 1

Method: WEMSNEW Sample Name: CCV 990924III Operator: LMT
Run Time: 09/25/99 01:50:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.48153	9.7525	2.5411	2.6546	5.0064	2.6093	10.444
SDev	.00055	.0285	.0096	.0035	.0176	.0067	.037
%RSD	.11342	.29182	.37642	.13366	.35060	.25659	.35634
#1	.48191	9.7726	2.5479	2.6571	5.0188	2.6140	10.471
#2	.48114	9.7324	2.5343	2.6521	4.9939	2.6046	10.418
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK
Value	.50000	10.000	2.5000	2.5000	5.0000	2.5000	
Range	10.000	10.000	10.000	10.000	10.000	10.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.98904	2.5196	2.5709	2.4035	5.1760	10.444	9.6118
SDev	.00216	.0098	.0090	.0065	.0311	.023	.2946
%RSD	.21847	.39022	.35196	.26850	.60062	.22455	3.0648
#1	.99057	2.5265	2.5773	2.4081	5.1980	10.461	9.8201
#2	.98751	2.5126	2.5645	2.3989	5.1540	10.428	9.4035
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1.0000	2.5000	2.5000	2.5000	5.0000	10.000	10.000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	10.670	5.0021	2.4251	9.0631	9.8402	2.4576	.95621
SDev	.044	.0185	.0116	.0280	.0980	.0064	.00343
%RSD	.41508	.36932	.47777	.30872	.99636	.26177	.35845
#1	10.701	5.0152	2.4332	9.0828	9.7709	2.4621	.95864
#2	10.638	4.9891	2.4169	9.0433	9.9095	2.4530	.95379
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	10.000	5.0000	2.5000	10.000	10.000	2.5000	1.0000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5372	2.6021	24.407	52.231	2.5210	4.8916	2.3286
SDev	.0061	.0046	.047	.102	.0108	.0158	.0111
%RSD	.24125	.17794	.19276	.19503	.42980	.32374	.47666
#1	2.5415	2.6053	24.440	52.303	2.5287	4.9028	2.3364
#2	2.5328	2.5988	24.373	52.159	2.5134	4.8804	2.3207
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	2.5000	2.5000	25.000	53.500	2.5000	5.0000	2.5000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.4717	2.4100	.96857	.95005	2.5345	2.5385	2.6092
SDev	.0103	.0056	.00088	.00558	.0145	.0019	.0023
%RSD	.41864	.23406	.09087	.58715	.57380	.07548	.08755
#1	2.4790	2.4140	.96795	.95399	2.5448	2.5398	2.6076
#2	2.4644	2.4060	.96919	.94610	2.5242	2.5371	2.6108
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
Value	2.5000	2.5000					
Range	10.000	10.000					

Elem	Se_2nd
Units	mg/L
Avge	2.5985
SDev	.0081
%RSD	.31104
#1	2.6042
#2	2.5928
Errors	NOCHECK
Value	
Range	

C00437

Analysis Report Blank Sample 09/25/99 02:02:37 AM page 1

Method: WENSNEW Sample Name: CCB 9909248BB Operator: LMT
Run Time: 09/25/99 01:56:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00061	.00373	.00078	.00228	.00009	.00007	.00792
SDev	.00012	.00331	.00096	.00057	.00003	.00003	.00108
%RSD	19.354	88.853	122.85	24.904	28.286	46.240	13.686
#1	.00052	.00139	.00146	.00269	.00011	.00010	.00715
#2	.00069	.00607	.00010	.00188	.00007	.00005	.00869
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00100	.03000	.01000	.01000	.00100	.00100	.05000
Low	-.00100	-.03000	-.01000	-.01000	-.00100	-.00100	-.05000

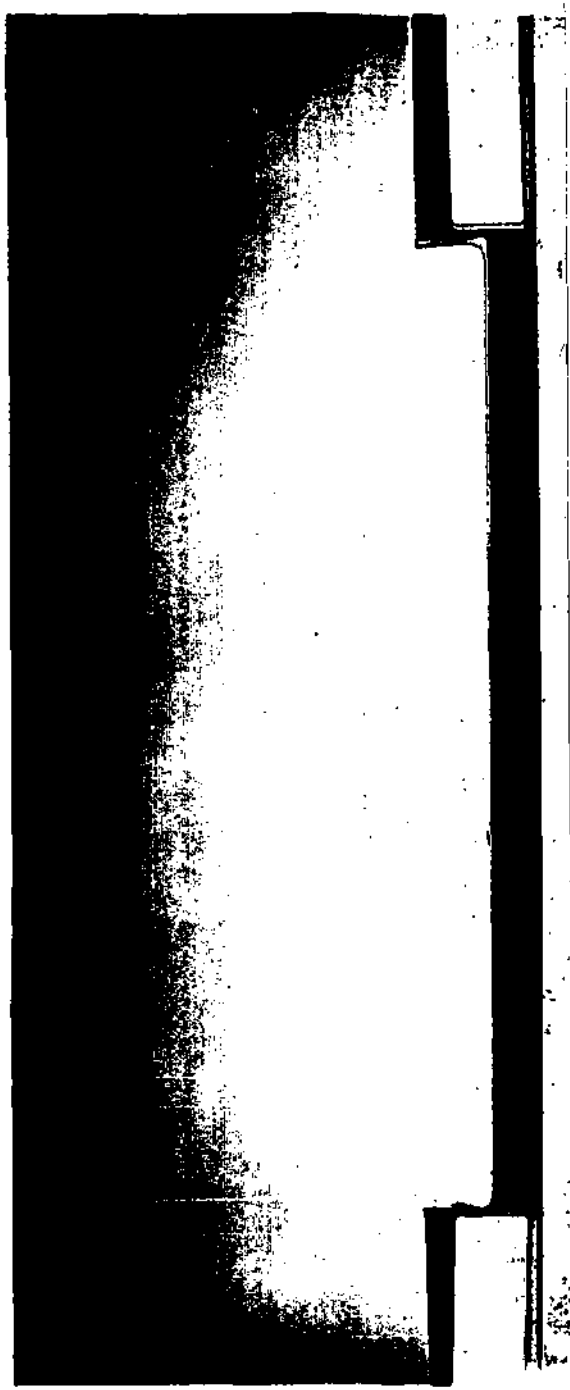
Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	K_4047
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
Avge	.00013	.00044	.00031	.00030	.00304	.01577	.22232
SDev	.00013	.00014	.00004	.00060	.01230	.01117	.06798
%RSD	100.11	30.568	13.161	197.54	404.66	70.857	30.578
#1	.00004	.00035	.00028	-.00012	-.00566	.00787	.27039
#2	.00022	.00054	.00034	.00072	.01174	.02367	.17425
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00060	.00500	.00200	.00100	.03000	.10000	5.0000
Low	-.00060	-.00500	-.00200	-.00100	-.03000	-.10000	-5.0000

Elem	Mg2790	Mn2576	Mo2020	Na5889	Na3302	Ni2316	Pb2204
Units	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/L
Avge	.00282	.00013	.00038	-.00045	-.06087	-.00004	.00012
SDev	.00122	.00000	.00004	.00084	.08250	.00059	.00008
%RSD	43.041	.09181	10.140	187.97	135.53	1667.4	68.578
#1	.00196	.00013	.00035	-.00104	-.11921	-.00045	.00018
#2	.00368	.00013	.00041	.00015	-.00254	.00038	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.05000	.00100	.00500	.05000	.90000	.00500	.00300
Low	-.05000	-.00100	-.00500	-.05000	-.90000	-.00500	-.00300

Elem	Sb2068	Se1960	Si2881	SiO2	Sn1899	Sr4215	Tl1908
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00038	.00004	.00504	.01079	.00111	.00013	.00186
SDev	.00227	.00355	.00289	.00618	.00019	.00003	.00017
%RSD	604.78	9495.7	57.261	57.259	17.142	27.081	9.0285
#1	.00123	.00255	.00708	.01515	.00098	.00010	.00198
#2	-.00198	-.00247	.00300	.00642	.00125	.00015	.00174
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.01000	.01000	.10000	.21400	.01000	.00100	.01000
Low	-.01000	-.01000	-.10000	-.21400	-.01000	-.00100	-.01000

Elem	V_2924	Zn2138	Pb_1st	Pb_2nd	Sb_1st	Sb_2nd	Se_1st

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00057	.00048	.00040	-.00002	-.00113	-.00000	.00110
SDev	.00018	.00005	.00060	.00018	.00008	.00345	.00316
%RSD	32.314	9.2628	152.39	1115.1	6.8156	372510.	286.59
#1	.00070	.00045	.00082	-.00014	-.00118	.00244	.00334
#2	.00044	.00051	-.00003	.00011	-.00107	-.00244	-.00113
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	.00500	.00500					
Low	-.00500	-.00500					

Elem	Se_2nd
Units	mg/L
Avge	-.00049
SDev	.00375
%RSD	758.07
#1	.00216
#2	-.00314
Errors	NOCHECK
High	
Low	

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